

## Digital Accessibility Centre

### Accessibility Audit Retest Report for Welsh Government - Manage fishing permits and catch returns

|          |                           |
|----------|---------------------------|
| Company  | Welsh Government          |
| Date     | 22 <sup>nd</sup> May 2024 |
| DAC Ref. | 001409                    |
| Version  | V1.0 Final                |
| Standard | WCAG 2.2                  |

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## Document Control

|                                   |  |
|-----------------------------------|--|
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## Executive Summary

An accessibility retest audit for **Welsh Government - Manage fishing permits and catch returns** was carried out by the Digital Accessibility Centre (DAC) technical team on **21<sup>st</sup> of May 2024**.

The website was assessed against the [Web Content Accessibility Guidelines WCAG 2.2](#).

This document incorporates the findings regarding any accessibility barriers identified during the testing process. The issues reported are examples of any assistive technology barriers which were encountered during accessibility testing, and information has been provided detailing how to resolve them.

**Please note:** additional instances of these barriers may exist in other pages of the website; wherever these barriers are present, they will also need to be resolved.

During the retest of the **Welsh Government - Manage fishing permits and catch returns**, the majority of the high and medium level accessibility issues have now been resolved, with a small number of the high and medium issues from the original audit still present.

A couple of new issues were encountered during the retest, including high level accessibility issues.

The 'Skip to main content' link has been removed from the service, meaning users have no way to bypass repeated blocks of content in the navigational region.

The language changer button receives no visible focus when tabbed onto via keyboard only methods, meaning keyboard only users will have no way of knowing if their focus has landed on this element, or if it is actionable.

Additionally, the remaining issues have been updated to reflect the state of the service.

The usability issues are still present and have been included near the end of the report and describe various aspects of the website, that although do not fail to meet the WCAG 2.2 success criteria, could be improved to benefit the overall user experience.

Issues are organised in the report by the WCAG 2.2 conformance levels. To achieve WCAG 2.2 Level AA compliance all Level A and Level AA accessibility issues must be resolved. We strongly recommend resolving reported accessibility issues regarding WCAG 2.2 Level AAA; however, this is not a requirement for achieving WCAG 2.2 Level AA compliance.



## Audit Summary

The website is measured against the Web Accessibility Initiative's (WAI) Web Content Accessibility Guidelines 2.2 (WCAG 2.2) to give accurate feedback on any non-compliant issues.

For the website to be eligible for a Digital Accessibility Centre AA certification, and fall in line with WCAG 2.2 requirements, all A and AA issues must be resolved.

Areas of the website which fail to meet the WCAG 2.2 AAA requirements are not in scope for the purposes of this audit, however, where issues were encountered by our analysts, these have been reported.

We highly recommend that all issues from the AAA and [Usability feedback](#) section of the report are also addressed to ensure a fully accessible, usable, and inclusive service.



**A**

[Focus Visible](#)  
[Bypass Blocks](#)  
[Focus Order](#)  
[Time Adjustable](#)  
[Labels or Instructions](#)  
[Page Titled](#)



**AA**

[Reflow](#)  
[Language of Parts](#)  
[Headings and Labels](#)



## Scope

## Tasks

Brief Task and/or URLs are listed below along with the specific browser and AT set.

URL: <https://fisheriespermittest.powerappsportals.com/en-GB/en-US/>

Journey 1 Cockles

Journey 2 Commercial Whelk Potting

Journey 3 Scallops Dredging north

Journey 4 Recreational potting north

Journey 5 Scallops Dredging South

See [Appendix I](#) for a full list of tasks and instructions.



## Browser matrix and Assistive Technology (AT) combinations

### Desktop

| User type                                    | Operating System (OS) | Browser                 | Assistive Technology                         |
|--|-----------------------|-------------------------|--|
| Blind  | Windows               | Chrome (Latest version) | JAWS 2019 or above                           |
|  |                       | Chrome (Latest version) | NVDA (Latest version)                        |
| Mobility                                     | Windows               | Chrome (Latest version) | Dragon Voice Activation v15 or above         |
|  |                       | Chrome (Latest version) | Keyboard                                     |
| Deaf   | Windows               | Chrome (Latest version) | -  |
| Colour Blind/<br>Dyslexia                    | Windows               | Chrome (Latest version) | -  |
| Low Vision                                   | Windows               | Chrome (Latest version) | Screen Magnification<br>Reflow, Text Spacing |
|  |                       | Chrome (Latest version) | Windows Magnifier                            |
|  |                       | Edge (Latest version)   | ZoomText                                     |
| Cognitive Impaired/<br>Aspergers/<br>Anxiety | Windows               | Edge (Latest version)   | System inverted colours                      |





## Mobile/Tablet

| User type              | Operating System (OS) | Browser   | Assistive Technology      |
|------------------------|-----------------------|---|---------------------------|
| Blind                  | iOS                   | Safari (V12 or later)                           | VoiceOver                 |
|                        | Android               | Chrome (Latest version)                         | TalkBack/ Voice Assistant |
| Mobility               | iOS                   | Safari (V12 or later)                           | -                         |
|                        | Android               | Chrome (Latest version)                         | -                         |
| Deaf                   | iOS                   | Safari (V12 or later)                           | -                         |
| Colour Blind/ Dyslexia | iOS/Android           | Safari (V12 or later) / Chrome (Latest version) | -                         |
| Low Vision             | Android               | Chrome (Latest version)                         | Magnification             |
|                        | iOS                   | Safari (V12 or later)                           | Pinch to Zoom             |
|                        | iOS/Android           | Safari (V12 or later)/ Chrome (Latest version)  | System inverted colours   |

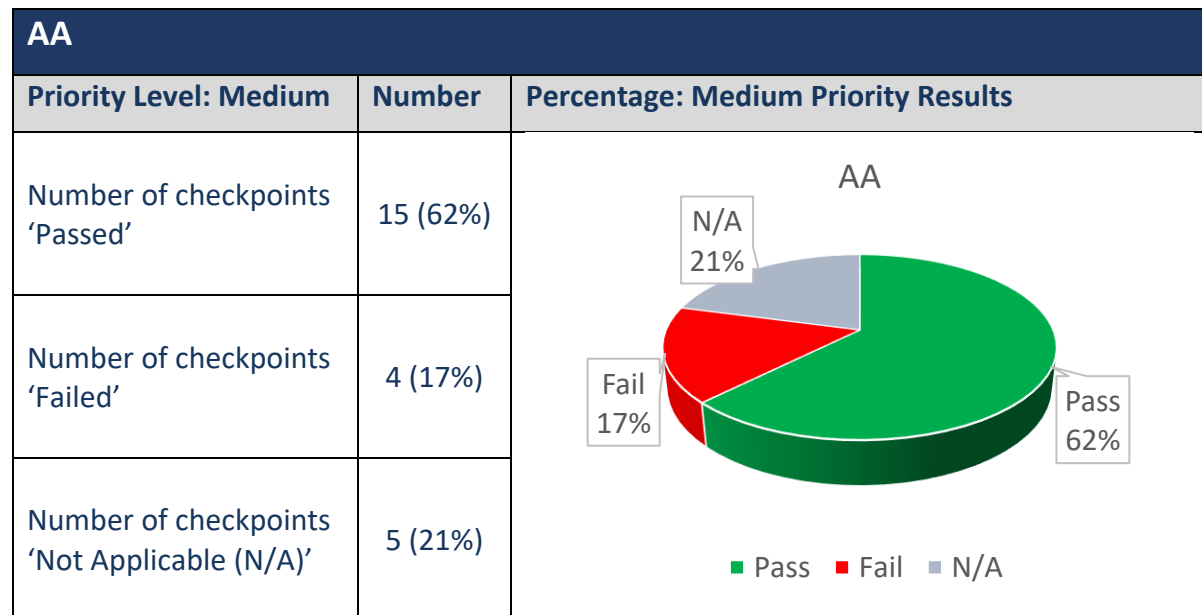
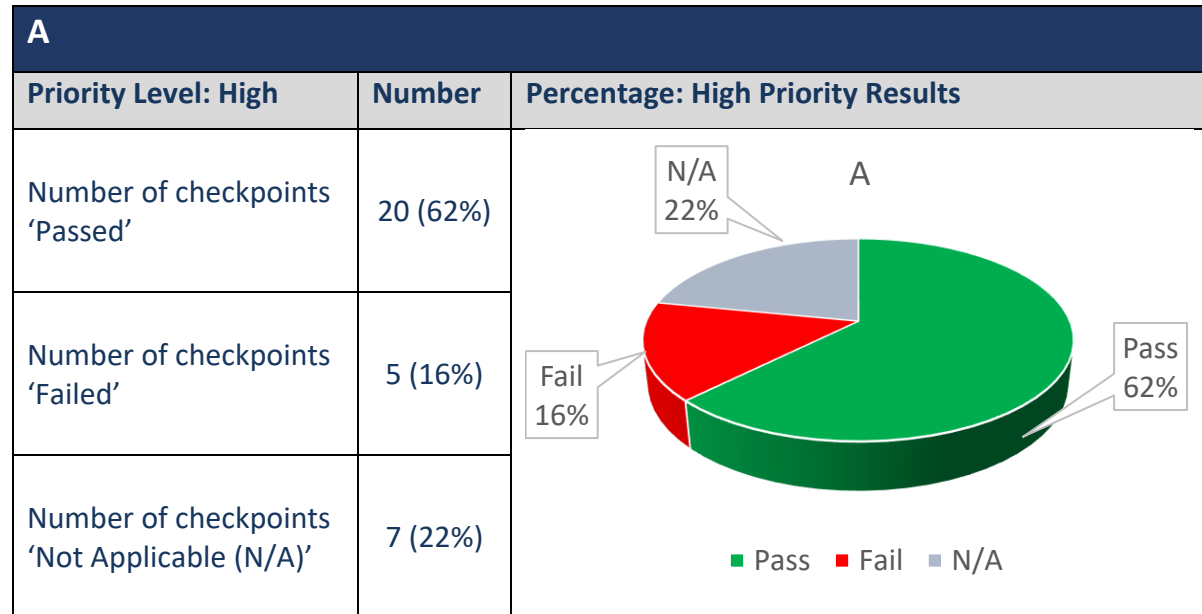


## Summary Graphs

### WCAG 2.2 Breakdown

The graphs below detail the number of checkpoints that passed, failed or were not applicable to the service.

Please refer to the [Classification of Accessibility Issues](#) for more information.



## Audit Results

These are the results of the Digital Accessibility Centre accessibility audit organised by A, AA, AAA priorities.

Each area contains a reference to the WCAG 2.2 success criteria, a brief overview of the issue encountered, a description of issues found along with user testing commentaries and solutions.



## High Priority WCAG Level A

The following section contains areas that failed to meet WCAG 2.2 A. For the service to fall in line with WCAG 2.2 requirements, all A issues must be resolved.

### Focus Visible

There were components present with no mechanism available to enable users to identify when they were in focus.

#### WCAG Reference:

2.4.7 Focus Visible (Level A)

[Understanding Focus Visible](#) | [How to Meet Focus Visible](#)

**New:** Issue ID: DAC\_Focus\_Visible\_01

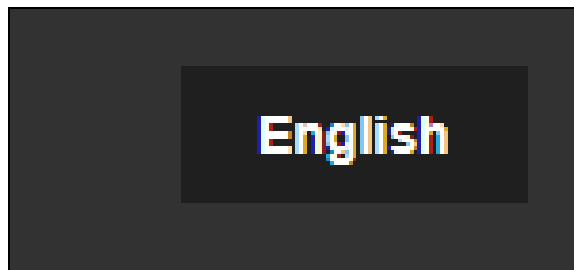
URL: <https://fisheriespermittest.powerappsportals.com/en-GB/All-Wales-Cockles/?id=74293778-eb11-ef11-9f89-6045bd0b1d4b>

Page title: Home

Journey: In scope

1. Manage Fishing permits page enter the email you registered with OneLogin

Screenshot:



The language selector does not display a visible focus indicator when receiving focus via keyboard methods of navigation. Users who rely on keyboard alone to navigate a page rely on clear and distinguishable focus indicators to identify their location on a page and confidently action components. Outline: 0 has been used that removed the focus indication altogether.



### Current code ref(s):

body > div.navbar.navbar-inverse.navbar-static-top > div > div > div.visible-sm-block.visible-md-block.visible-lg-block.visible-xs-block.navbar-brand.language-button > ul

```
<ul class="language">
  <li class="divider-vertical" aria-hidden="true"></li>
  <li class="dropdown">
    <a class="dropdown-toggle" aria-roledescription="link" href="#" data-
toggle="dropdown" aria-label="English" aria-expanded="false" title="English">
      <span class="drop_language">English</span>
      <span class="caret"></span>
    </a>
    <ul class="dropdown-menu" role="menu">
      <li role="menuitem">
        <a href="/cy/Permit/" aria-label="Change website language to Cymraeg"
title="Cymraeg" data-code="cy">Cymraeg</a>
      </li>
      <li role="menuitem">
        <a href="/en-GB/Permit/" aria-label="Change website language to English"
title="English" data-code="en-GB">English</a>
      </li>
    </ul>
  </li>
</ul>
```

### CSS:

```
.dropdown-toggle:focus {
  outline: 0;
}
```

### Examples of additional instances:

Additional instances of this issue may exist on other pages throughout the website; wherever this issue occurs, they too will need to be resolved.

### Solution:

Ensure all actionable components display a strong distinguishable focus indicator when receiving focus, allowing for keyboard users to easily identify their location. Focus indicators are required to meet a 3:1 colour contrast ratio against the surrounding backgrounds.



## Bypass Blocks

A mechanism was not available to bypass blocks of content that are repeated on multiple Web pages.

### WCAG Reference:

2.4.1 Bypass Blocks (Level A)

[Understanding Bypass Blocks](#) | [How to Meet Bypass Blocks](#)

**New:** Issue ID: DAC\_Bypass\_Blocks\_01

URL: <https://fisheriespermittedtest.powerappsportals.com/en-GB/All-Wales-Cockles/?id=74293778-eb11-ef11-9f89-6045bd0b1d4b>

Page title: Home

Journey: In scope

1. Manage Fishing permits page enter the email you registered with OneLogin

Screenshot:



While correcting the issue [DAC\_Contrast\_Minimum\_01], there is now no skip link present throughout the service.

Screen reader users rely on the presence of skip links to pass over repeated blocks of navigational content. In this instance, screen reader users will be forced to navigate through the link for Welsh Fisheries, the language selector, and the profile options before reaching the main content of the page. This can increase fatigue for users as it adds extra steps required to navigate.

### Examples of additional instances:

Additional instances of this issue may exist on other pages throughout the website; wherever this issue occurs, they too will need to be resolved.

### Solution:

Ensure that pages which contain repetitive content have a skip link implemented to enable users to bypass this and navigate straight to the main content of the page.

Additionally, ensure that when the 'Skip to main content' link is actioned, that users are taken to the main content of the page and that all repeatable content is bypassed.

For more information, please refer to [Technique G1: Adding a link at the top of each page that goes directly to the main content area.](#)



## Focus Order

Focusable components do not receive focus in an order that preserves meaning and operability.

### WCAG Reference:

2.4.3 Focus Order (Level A)

[Understanding Focus Order](#) | [How to Meet Focus Order](#)

Issue ID: DAC\_Focus\_Order\_01

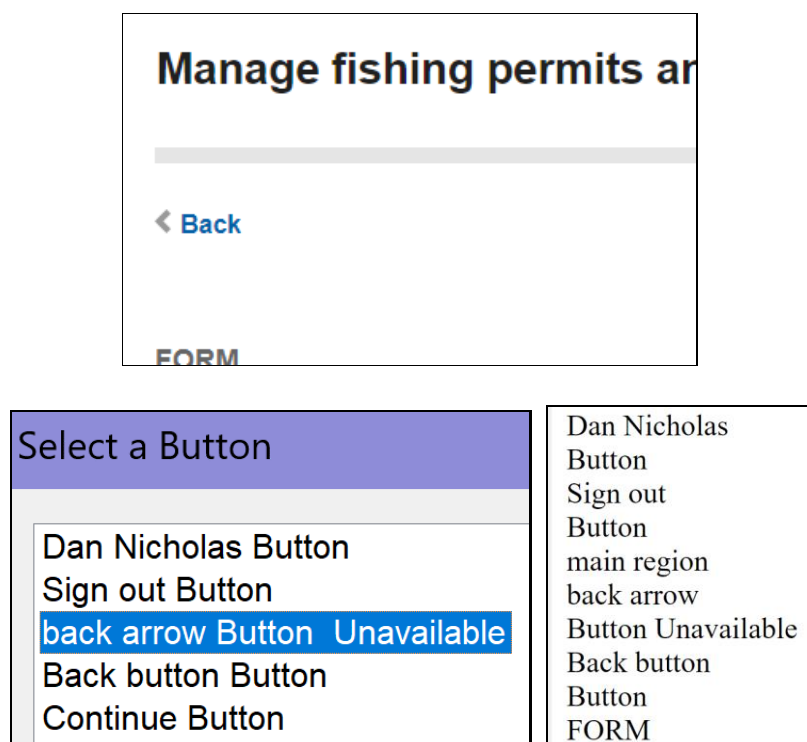
URL: <https://fisheriespermittedtest.powerappsportals.com/en-GB/All-Wales-Cockles/?id=74293778-eb11-ef11-9f89-6045bd0b1d4b>

Page title: Apply for a Cockles permit

Journey 1 Cockles

2. Before you start page - click continue

Screenshot:



The 'Back link' component is comprised of multiple <input> elements including a left pointing arrow and the link text, 'Back'; however, the two elements are encountered by users of assistive technology as two separate entities which is unnecessary and potentially problematic. For example, it can be difficult for keyboard users to track focus if it lands on unexpected objects within the page. This also causes the need for additional key-presses when navigating the page, which can become strenuous for users with mobility impairments.



When retesting, this issue still remains. While focus for keyboard only users has been remediated, screen reader users still gain two extra navigational steps due to the inputs for the arrows being programmatically focusable for assistive technology.

**Current code ref(s):**

#idoif > p.back

```
<p class="back">
  <input class="chevron-left" alt="back arrow" type="image" disabled="">
  <input type="button"
name="ctl00$ContentContainer$WebFormControl_46abca321e7fee118178002248c5e664$PreviousButton" value="Back" id="PreviousButton-custom2" class="back-button" aria-label="Back button" nonactionlinkbutton="true">
  <input type="image" alt="back arrow" disabled="" class="chevron-left"
style="display: none;">
  <input id="PreviousButton-custom" draggable="true" type="button"
name="ctl00$ContentContainer$WebFormControl_46abca321e7fee118178002248c5e664$PreviousButton" value="Back" nonactionlinkbutton="true" class="back-button"
style="position: relative; display: none;">
</p>
```

**Examples of additional instances:**

Additional instances of this issue may exist on other pages throughout the website; wherever this issue occurs, they too will need to be resolved.

**Solution:**

Encapsulate the 'Back link' elements so that the various elements receive focus as one single control. For example, consider implementing 'Back link' components like the [Back link – GOV.UK Design System](#).





## Time Adjustable

Users are not able to turn off, adjust or extend the time in which inactivity will result in a loss of data.

### WCAG Reference:

2.2.1 Timing Adjustable (Level A)

[Understanding Timing Adjustable](#) | [How to Meet Timing Adjustable](#)

Issue ID: DAC\_Time\_Adjustable\_01

URL: <https://fisheriespermittedtest.powerappsportals.com/en-US/All-Wales-Cockles/?id=a3b40cc8-38dd-ee11-904d-000d3a86f329&stepid=1ebf9409-db7f-ee11-8178-002248c5ea05&sessionid=275b5e71-a5e6-ee11-904c-000d3a0cd688>

Page title: Apply for a Cockles permit

Journey 1 Cockles

4. Will you walk on the vessel? Choose to use a vessel, and then choose New vessel, Save and continue

Users are not given the opportunity to extend their session before their session expires. Time outs can be difficult for some people with disabilities because these users may need more time to read and understand page content or complete tasks online.

During the retest this issue was found to still remain.

Despite a message now being present at the start of the service to warn users that there is a 20-minute timeout function, there is no option to adjust or extend the timer.

All level A issues must be resolved to receive accreditation and as such, this issue must be remedied.

### Solution:

For every time limit that is set, ensure that users are either:

- able to turn off the time limit before the time expires;
- able to adjust the time limit to at least ten times the length of the default setting before the time expires;
- warned before the time expires and given at least 20 seconds to extend the time limit with a simple action at least 10 times;

Alternatively consider setting the time limit to longer than 20 hours. This will enable people with who may require more time to read and understand page content or to perform functions such as filling out on-line forms.



## Labels or Instructions

Labels or instructions identifying required fields are not available.

### WCAG Reference:

3.3.2 Labels or Instructions (Level A)

[Understanding Labels or Instructions](#) | [How to Meet Labels or Instructions](#)

Issue ID: DAC\_Labels\_or\_Instructions\_02

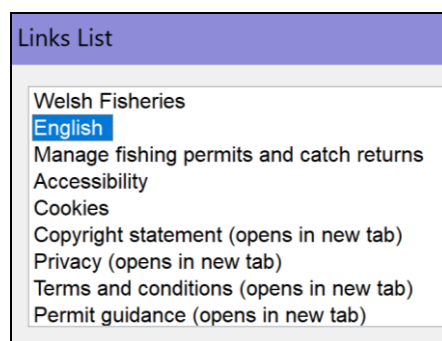
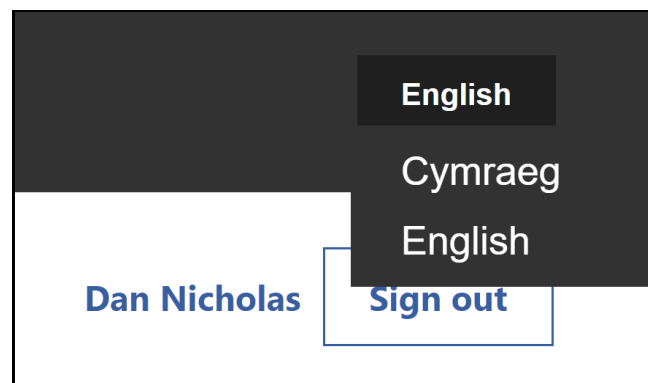
URL: <https://fisheriespermittest.powerappsportals.com/en-US/>

Page title: Home

Journey: In scope

3. Apply for a permit or enter catch returns page, click Apply for renew or view fishing permit

Screenshot:



The language controls are not defined by an explicit label and the currently selected, 'English' link text does not adequately describe the elements destination or purpose. This means that some people may be unable to identify the controls function or purpose.



### Current code ref(s):

body > div.navbar.navbar-inverse.navbar-static-top > div > div > div.visible-sm-block.visible-md-block.visible-lg-block.visible-xs-block.navbar-brand.language-button > ul > li

```
<li class="dropdown">
<a class="dropdown-toggle" aria-roledescription="link" href="#" data-
toggle="dropdown" aria-label="English" aria-expanded="false" title="English">
<span class="drop_language">English</span>
<span class="caret"></span>
</a>
<ul class="dropdown-menu" role="menu">
<li role="menuitem" class="">
<a href="/cy/All-Wales-Cockles/?id=74293778-eb11-ef11-9f89-6045bd0b1d4b" aria-
label="Change website language to Cymraeg" title="Cymraeg" data-
code="cy">Cymraeg</a>
</li>
<li role="menuitem">
<a href="/en-GB/All-Wales-Cockles/?id=74293778-eb11-ef11-9f89-6045bd0b1d4b" aria-
label="Change website language to English" title="English" data-code="en-
GB">English</a>
</li>
</ul>
</li>
```

### Examples of additional instances:

Additional instances of this issue may exist on other pages throughout the website; wherever this issue occurs, they too will need to be resolved.

### Solution:

Ensure that all controls are defined by descriptive labels to help users identify their function or purpose. Do not rely on the currently selected state (i.e., English) to infer the controls purpose as this is not helpful to everyone.

**Please note** that for the Welsh language option, the lang attribute must be included so that assistive technology is able to discern and pronounce the text correctly.



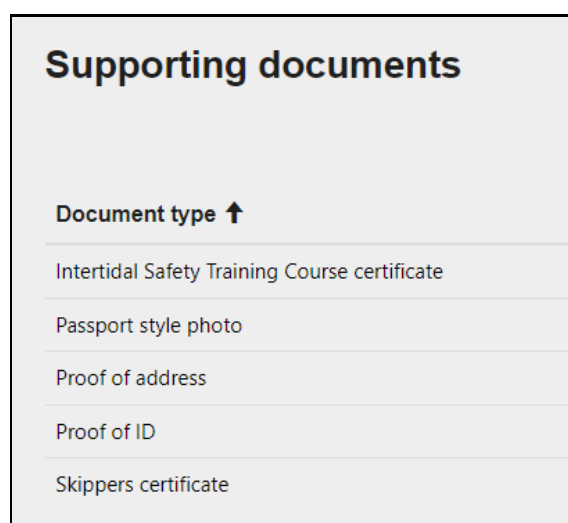
URL: <https://fisheriespermittedtest.powerappsportals.com/en-US/All-Wales-Cockles/?id=a3b40cc8-38dd-ee11-904d-000d3a86f329&stepid=49b9b19f-e17f-ee11-8178-002248c5e664&sessionid=275b5e71-a5e6-ee11-904c-000d3a0cd688>

Page title: Apply for a Cockles permit

Journey 1 Cockles

7. Review page and select both declaration boxes, save and continue to payment

Screenshot:



The screenshot shows a section titled 'Supporting documents'. Below the title is a table with a single column header 'Document type' followed by an upward arrow icon. The table contains five rows of document types: 'Intertidal Safety Training Course certificate', 'Passport style photo', 'Proof of address', 'Proof of ID', and 'Skippers certificate'.

| Document type ↑                               |
|---|
| Intertidal Safety Training Course certificate |
| Passport style photo                          |
| Proof of address                              |
| Proof of ID                                   |
| Skippers certificate                          |

The table column headers (e.g., 'Document type') receive keyboard focus and are encountered by screen reader users as actionable elements that sort the table; however, users may be unaware that the sortable functionality is available as labels or instructions denoting this functionality are not provided. This may also be disorientating for keyboard users as it can be difficult to track focus if it lands on unexpected objects within the page. This also causes the need for additional key-presses when navigating the page, which can become strenuous for users with mobility impairments. Also, the sortable table controls cannot be controlled using the mouse, presently only keyboard and screen reader users can operate the sortable table. This means that some people may be unaware that the table data can be sorted in ascending or descending order.

Upon retesting this issue, while the original issue has been resolved, the additional instance that occurs on step 7 of journey 1 still remains.



**Current code ref(s):**

```
#Subgrid_supporting_doc > div > div.view-grid.table-responsive > table > thead > tr > th.sort-enabled.sort.sort-asc
```

```
<th scope="col" aria-readonly="true" style="width:56.52173913043478%;"  
class="sort-enabled sort sort-asc" aria-sort="ascending">  
  <a href="#" role="button" aria-label="Document type" tabindex="0">Document  
type<span class="fa fa-arrow-up" aria-hidden="true"></span>  
  <span class="sr-only sort-hint">. sort ascending</span>  
  </a>  
</th>
```

**Examples of additional instances:**

Additional instances of this issue may exist on other pages throughout the website; wherever this issue occurs, they too will need to be resolved.

**Solution:**

Ensure that all controls are defined by descriptive labels to help users identify their function or purpose. Consider implementing supplementary up and down pointing arrow icons that indicates the current sort state (e.g., ascending or descending order) and implies functionality to people who can perceive the elements visually. Alternatively, consider removing the sortable functionality to prevent any unnecessary confusion.



## Page Titled

Page titles do not uniquely describe or introduce the page content.

### WCAG Reference:

2.4.2 Page Titled (Level A)

[Understanding Page Titled](#) | [How to Meet Page Titled](#)

Issue ID: DAC\_Non-Descriptive\_Page\_Title\_01

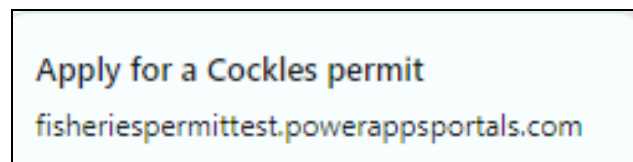
URL: <https://fisheriespermittest.powerappsportals.com/en-US/>

Page title: Home

Journey 1 Cockles

2. Before you start page - click continue

Screenshot:



Multiple generic 'Apply for a Cockles permit' page titles are used to define unique pages throughout the 'Apply for a Cockles permit' application. As the level-one headings reflect the generic page titles (i.e., 'Apply for a Cockles permit') throughout the application, screen reader users may struggle to quickly identify the unique subject or purpose of page content. This can become especially problematic when navigating between multiple tabs / windows. This issue also applies to the other 'Fishing permit' applications (e.g., Commercial whelk potting).

During the retest this issue was found to still remain.

Despite WG noting that this issue will be included in their accessibility statement, it will still fail the WCAG 2.2 Level A criteria.

All level A issues must be resolved to receive accreditation and as such, this issue must be remedied.

### Current code ref(s):

head > title

```
<title>Apply for a Cockles permit</title>
```



### Examples of additional instances:

- URL: <https://fisheriespermittedtest.powerappsportals.com/en-US/All-Wales-Cockles/?id=a3b40cc8-38dd-ee11-904d-000d3a86f329&stepid=bd7c3ea0-d57f-ee11-8178-002248c5e664&sessionId=16918b78-f4f0-ee11-904c-000d3a86f329>

Page title: Apply for a Cockles permit

Journey 1 Cockles

3. Apply for Cockles permit enter personal details

a. Enter any dummy information

### Current code ref(s):

head > title

```
<title>Apply for a Cockles permit</title>
```

Additional instances of this issue may exist on other pages throughout the website; wherever this issue occurs, they too will need to be resolved.

### Solution:

Ensure that page titles and level-one headings are unique and accurately describe the topic or purpose of the page content. We recommend that page titles and level-one headings (at least partially) reflect one another as these should both briefly introduce the content or purpose of the page. Consider replacing the level-one heading text 'Apply for a Cockles permit' with the level-three heading text of the respective pages (i.e., 'Before you start') to help users identify the unique subject or purpose of that page.

Also consider asking one question per page, and setting the contents of a label as the page heading. This is good practice as it means that screen reader users will only hear the information once. For example, put the <label> tag inside the <h1> tag and apply classes to the <label> to make it look like a heading. For example, please refer to [Question pages – GOV.UK Design System](#).

Where page titles do not change but content updates to suggest they have, consider implementing JavaScript: `document.title = "New Title"`

Ensure that page titles are also announced as well as changed. Where you include the page title at the top of the page implement it as a status message. For example, under the body element apply the following:

```
<div id="readTitle" role="status"></div>
```

On page reload use the JavaScript methods:

```
document.title="New Title";  
document.getElementById("readTitle").innerHTML = document.title;
```



## Medium Priority WCAG Level AA

The following section contains areas that failed to meet WCAG 2.2 AA. For the service to fall in line with WCAG 2.2 requirements, all A and AA issues must be resolved.

### Reflow

Content cannot be presented in a single column without page content overlapping or navigating in two dimensions.

#### WCAG Reference:

1.4.10 Reflow (Level AA)

[Understanding Reflow](#) | [How to Meet Reflow](#)

Issue ID: DAC\_Reflow\_05

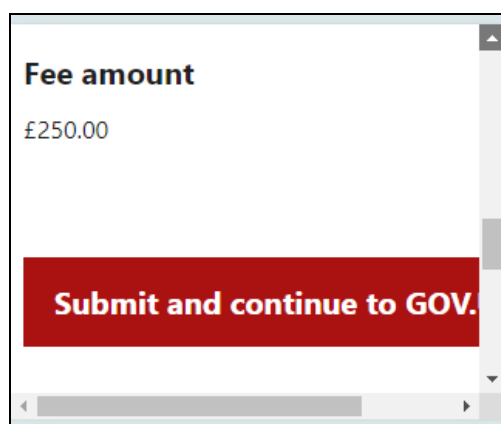
URL: <https://fisheriespermittest.powerappsportals.com/en-GB/All-Wales-Cockles/?id=74293778-eb11-ef11-9f89-6045bd0b1d4b&stepid=b82bd0e9-2985-ee11-8179-002248c5e664&sessionid=43ebc32e-1d18-ef11-9f8a-00224800694c>

Page title: Apply for a Cockles permit

Journey 1 Cockles

9. Payment confirmation, select user payment confirmation, submit application

Screenshot:



The 'Submit and continue to GOV.UK Pay' button text cannot be viewed in a single column without requiring navigation in two directions when:

- vertical scrolling content is at a width equivalent to 320 CSS pixels;
- horizontal scrolling content at a height equivalent to 256 CSS pixels.

This means that some people who experience visual impairments may be unable to distinguish page content or discern information that is obstructed by overlapping page content.





### Current code ref(s):

#NextButton

```
<input type="button"
name="ctl00$ContentContainer$WebFormControl_46abca321e7fee118178002248c5e664$NextB
utton" value="Submit and continue to GOV.UK Pay" onclick="javascript:if(typeof
webFormClientValidate === 'function'){if(webFormClientValidate()){if(typeof
Page_ClientValidate ===
'function'){if(Page_ClientValidate('')){clearIsDirty();disableButtons();this.value
= 'Processing...';}}else{clearIsDirty();disableButtons();this.value =
'Processing...';}}else{return false;}}else{if(typeof Page_ClientValidate ===
'function'){if(Page_ClientValidate('')){clearIsDirty();disableButtons();this.value
= 'Processing...';}}else{clearIsDirty();disableButtons();this.value =
'Processing...';}};__doPostBack('ctl00$ContentContainer$WebFormControl_46abca321e7
fee118178002248c5e664$NextButton','')" id="NextButton" class="submit-button"
nonactionlinkbutton="true">
```

### Examples of additional instances:

Additional instances of this issue may exist on other pages throughout the website; wherever this issue occurs, they too will need to be resolved.

### Solution:

Ensure that content can be presented in a single column without a loss of information and without navigating in two dimensions except for content that requires it such as images and/ or tables. This may enable people with low vision to read or distinguish page content without requiring the use of assistive technology such as a screen magnifier.



## Language of Parts

The language of parts of the page which are different from the primary language of the page are not specified.

### WCAG Reference:

3.1.2 Language of Parts - Level AA

[Understanding Language of Parts](#) | [How to Meet Language of Parts](#)

**New:** Issue ID: DAC\_Language\_of\_Parts\_03

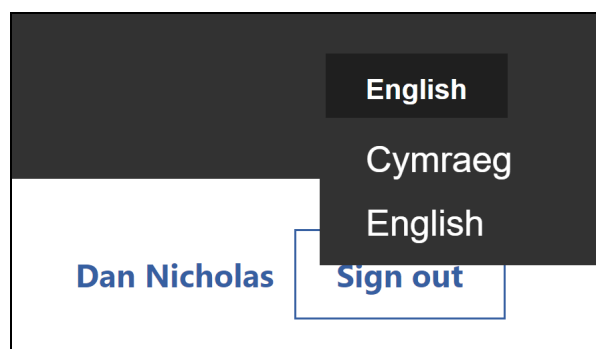
URL: <https://fisheriespermittedtest.powerappsportals.com/en-GB/All-Wales-Cockles/?id=74293778-eb11-ef11-9f89-6045bd0b1d4b&stepid=bd7c3ea0-d57f-ee11-8178-002248c5e664&sessionid=62fb6887-7517-ef11-840a-002248c6b8d7>

Page title: Apply for a Cockles permit

Journey 1 Cockles

2. Before you start page - click continue

Screenshot:



The 'Cymraeg' option in the language dropdown does not include the required language attribute which means screen reader software may not be able to identify the language of that part of the page. If the language of parts of a webpage is not specified, the screen reader assumes the default language set by the user. It is essential to specify the language and ensure that it is valid so text is pronounced correctly.

### Current code ref(s):

body > div.navbar.navbar-inverse.navbar-static-top > div > div > div.visible-sm-block.visible-md-block.visible-lg-block.visible-xs-block.navbar-brand.language-button > ul > li > ul > li:nth-child(1)

```
<li role="menuitem" class="">
  <a href="/cy/All-Wales-Cockles/?id=74293778-eb11-ef11-9f89-6045bd0b1d4b&stepid=bd7c3ea0-d57f-ee11-8178-002248c5e664&sessionid=62fb6887-7517-ef11-840a-002248c6b8d7" aria-label="Change website language to Cymraeg" title="Cymraeg" data-code="cy">Cymraeg</a>
</li>
```



## Examples of additional instances:

Additional instances of this issue may exist on other pages throughout the website; wherever this issue occurs, they too will need to be resolved.

### Solution:

Text including a language different from the primary language of the page requires a language attribute which represents that language. This will ensure the link text is pronounced by screen reader software correctly.

### Example:

```
<li role="menuitem" class="">
  <a href="/cy/All-Wales-Cockles/?id=74293778-eb11-ef11-9f89-
6045bd0b1d4b&stepid=bd7c3ea0-d57f-ee11-8178-
002248c5e664&sessionid=62fb6887-7517-ef11-840a-002248c6b8d7" aria-
label="Change website language to" <span lang="cy">Cymraeg</span> title="Cymraeg"
data-code="cy">Cymraeg</a>
</li>
```

For additional information please see [H57: Using the language attribute on the HTML element](#)



## Headings and Labels

Form elements are present that are not descriptive of their function or purpose.

### WCAG Reference:

2.4.6 Headings and Labels (Level AA)

[Understanding Headings and Labels](#) | [How to Meet Headings and Labels](#)

Issue ID: DAC\_Headings\_and\_Labels\_02

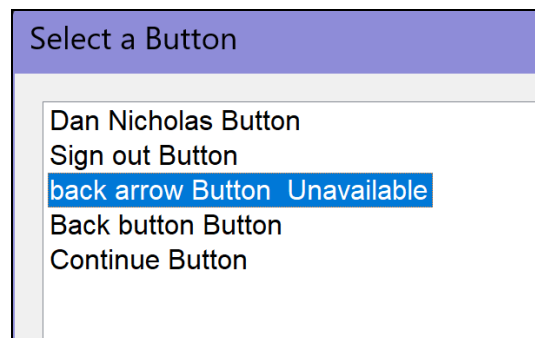
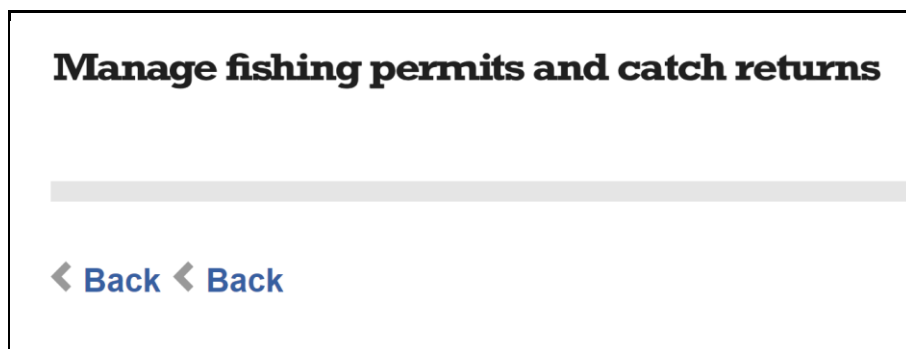
URL: <https://fisheriespermittest.powerappsportals.com/en-GB/All-Wales-Cockles/?id=74293778-eb11-ef11-9f89-6045bd0b1d4b>

Page title: Apply for a Cockles permit

Journey 1 Cockles

2. Before you start page - click continue

Screenshot:



A visually hidden button defined by an aria-label as "back arrow Button Unavailable" is encountered by screen reader users; however, the button text is ambiguous which means that screen reader users may be unable to identify the elements purpose.

### Current code ref(s):

```
#idoif > p.back > input:nth-child(1)
```

```
<p class="back"><input class="chevron-left" alt="back arrow" type="image" disabled="">
```



**Examples of additional instances:**

Additional instances of this issue may exist on other pages throughout the website; wherever this issue occurs, they too will need to be resolved.

**Solution:**

Ensure that form controls are labelled uniquely and descriptively to help people identify their function or purpose. In this instance, consider removing the visually hidden 'Button Editing this component' button and implement 'Back link' components as is demonstrated by [Back link – GOV.UK Design System](#).



## Low Priority WCAG Level AAA

Areas of the service which fail to meet the WCAG 2.2 AAA requirements are not in scope for the purposes of this audit, however, where issues were encountered by our analysts, these have been reported. We highly recommend that these issues are resolved.

No issues present



## Usability feedback

The following section contains feedback from our analysts that although do not fail to meet WCAG 2.2 may prove challenging for users of the service.

### Focus Style

Some people may be unable to perceive the focus indicator due to the minimal difference in style compared to the default state.

#### WCAG Reference:

Usability

Issue ID: DAC\_Usability\_Focus\_Style\_01

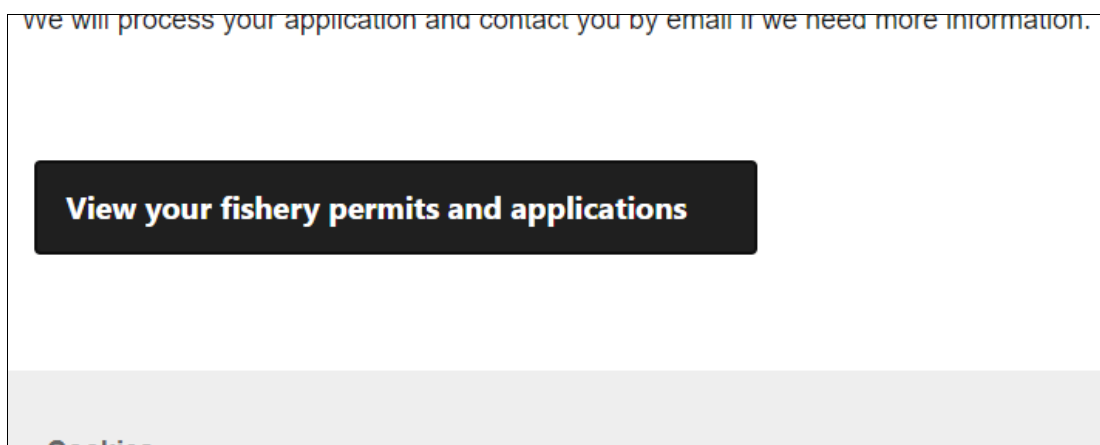
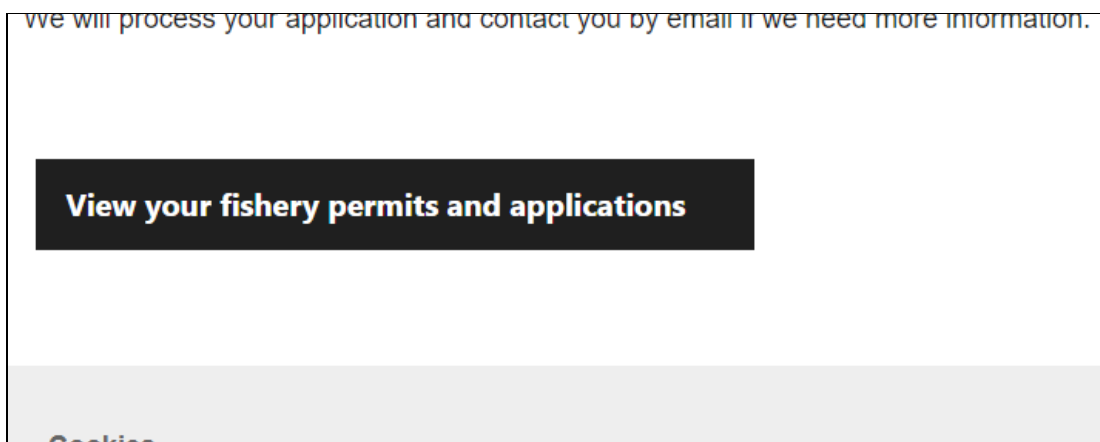
URL: <https://fisheriespermittest.powerappsportals.com/en-US/All-Wales-Cockles/?id=a3b40cc8-38dd-ee11-904d-000d3a86f329&stepid=f8fde435-2c85-ee11-8179-002248c5e664&sessionid=9cc3eeb0-19ec-ee11-a1fd-000d3a0cd688>

Page title: Apply for a Cockles permit

Journey 1 Cockles

10. Application complete/ submitted (click on view your fisheries permit/applications to go back)

Screenshot:



The focus indicator displayed when the ‘View your fishery permits and applications’ button receives keyboard focus may be difficult to perceive for some people due to the minimal difference in visual characteristics compared to the buttons default state. This means that some people may be unable to track focus when navigating page content via the keyboard alone.

#### Current code ref(s):

##### #NextButton

```
<input type="button"
name="ctl00$ContentContainer$WebFormControl_46abca321e7fee118178002248c5e664$NextB
utton" value="View your fishery permits and applications"
onclick="javascript:if(typeof webFormClientValidate ===
'function'){if(webFormClientValidate()){if(typeof Page_ClientValidate ===
'function'){if(Page_ClientValidate('')){clearIsDirty();disableButtons();this.value
= 'Processing...'}}}else{clearIsDirty();disableButtons();this.value =
'Processing...'}}}else{return false;}}else{if(typeof Page_ClientValidate ===
'function'){if(Page_ClientValidate('')){clearIsDirty();disableButtons();this.value
= 'Processing...'}}}else{clearIsDirty();disableButtons();this.value =
'Processing...'}};__doPostBack('ctl00$ContentContainer$WebFormControl_46abca321e7
fee118178002248c5e664$NextButton','')" id="NextButton" class="next-button"
nonactionlinkbutton="true">
```

#### Keyboard only user comments:

“When tabbing to this button the highlight focus is insufficient for me to be sure of where I am on the page. The only visible change is that the button becomes slightly larger. I would expect a more visible change so I can be certain I am about to activate the button. This is consistent on all pages with this button.”

#### Examples of additional instances:

Additional instances of this issue may exist on other pages throughout the website; wherever this issue occurs, they too will need to be resolved.

#### Solution:

Ensure that interactive page elements are highlighted by a visible focus indicator when in focus. This will enable keyboard only users to determine where their focus is on the page when navigating via keyboard commands. A visible focus indicator can be set using CSS. For example:

```
:focus :hover {
outline: 2px solid #f00;
}
```

Please refer to the [Understanding focus state styles – GOV.UK Design System](#).





## Error Handling

Error message components are not displayed when validation errors occur.

### WCAG Reference:

Usability

Issue ID: DAC\_Usability\_Error\_Handling\_01

URL: <https://fisheriespermittest.powerappsportals.com/en-US/All-Wales-Cockles/?id=a3b40cc8-38dd-ee11-904d-000d3a86f329&stepid=bd7c3ea0-d57f-ee11-8178-002248c5e664&sessionid=275b5e71-a5e6-ee11-904c-000d3a0cd688>

Page title: Apply for a Cockles permit

Journey 1 Cockles

3. Apply for Cockles permit enter personal details

a. Enter any dummy information

Screenshot:

**There are errors on this page. Complete or correct any required fields and submit again.**

Enter your first name(s).  
Enter your surname.

### Your personal details

**Title (optional)**

**First name(s)**

**Surname**

Error messages are not displayed between the relevant labels and input fields when validation errors occur. Although a list of error messages is summarised above the form, it may be difficult for some people such as screen reader users or people with cognitive impairments to remember all of the errors that have occurred and where those errors exist without repeatedly returning to the error summary above the form.



### Current code ref(s):

#ValidationSummaryEntityFormView

```
<div id="ValidationSummaryEntityFormView" class="validation-summary alert alert-error alert-danger alert-block" style="" tabindex="0"><h2 class="validation-header" role="none"><span role="presentation" class="fa fa-info-circle"></span>
There are errors on this page. Complete or correct any required fields and submit again.
</h2><ul role="presentation"><li><a href="#firstname_label"
onclick="javascript:scrollToAndFocus(&quot;firstname_label&quot;;&quot;firstname&quot;);return false;" referencecontrolid="firstname">Enter your first name(s).
</a></li><li><a href="#lastname_label"
onclick="javascript:scrollToAndFocus(&quot;lastname_label&quot;;&quot;lastname&quot;);return false;" referencecontrolid="lastname">Enter your surname.
</a></li></ul></div>
```

### Examples of additional instances:

- URL: <https://fisheriespermittest.powerappsportals.com/en-US/All-Wales-Cockles/?id=a3b40cc8-38dd-ee11-904d-000d3a86f329&stepid=1ebf9409-db7f-ee11-8178-002248c5ea05&sessionid=275b5e71-a5e6-ee11-904c-000d3a0cd688>

Page title: Apply for a Cockles permit

Journey 1 Cockles

4. Will you walk on the vessel? Choose to use a vessel, and then choose New vessel, Save and continue

### Current code ref(s):

#ValidationSummaryEntityFormView

```
<div id="ValidationSummaryEntityFormView" class="validation-summary alert alert-error alert-danger alert-block" style="" tabindex="0"><h2
class="validation-header" role="none"><span role="presentation" class="fa fa-info-circle"></span> There are errors on this page. Complete or correct
any required fields and submit again.
</h2><ul role="presentation"><li><a href="#wg_walkingvessel"
onclick="javascript:scrollToAndFocus(&quot;wg_walkingvessel&quot;;&quot;wg_walkingvessel&quot;);return false;"
referencecontrolid="wg_walkingvessel">Please select one of the two options
to proceed. </a></li></ul></div>
```

Additional instances of this issue may exist on other pages throughout the website; wherever this issue occurs, they too will need to be resolved.

### Solution:

When validation errors occur, display error messages that reflect the error summary messages between the relevant labels and input fields. For example, please refer to the GOV.UK Design System:

- [Error message – GOV.UK Design System](#)
- [Error summary – GOV.UK Design System](#)



## Special Character Input

The address input fields do not allow special characters.

### WCAG Reference:

Usability

Issue ID: DAC\_Usability\_Special\_Character\_Input\_01

URL: <https://fisheriespermittest.powerappsportals.com/en-US/All-Wales-Cockles/?id=a3b40cc8-38dd-ee11-904d-000d3a86f329&stepid=bd7c3ea0-d57f-ee11-8178-002248c5e664&sessionid=275b5e71-a5e6-ee11-904c-000d3a0cd688>

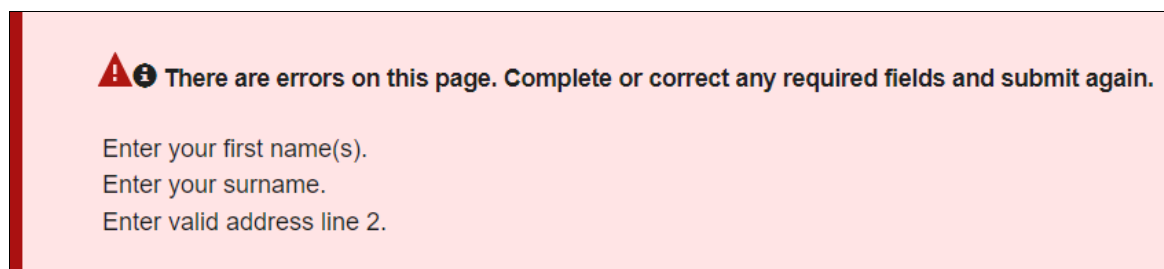
Page title: Apply for a Cockles permit

Journey 1 Cockles

3. Apply for Cockles permit enter personal details

a. Enter any dummy information

Screenshot:



The address input fields do not allow special characters such as apostrophes or dashes which means that some people may be unable to provide their exact address including all appropriate special characters.

### Current code ref(s):

#address1\_line2

```
<input
name="ctl00$ContentContainer$WebFormControl_46abca321e7fee118178002248c5e664$Entit
yFormView$address1_line2" type="text" maxlength="250" id="address1_line2"
class="text form-control dirty" onchange="setIsDirty(this.id);"
onkeypress="javascript:return LengthError(this, event);" aria-invalid="false">
```

### Examples of additional instances:

Additional instances of this issue may exist on other pages throughout the website; wherever this issue occurs, they too will need to be resolved.

### Solution:

Allow special character input to enable people to provide their exact address including all appropriate special characters to prevent unnecessary confusion.



## Illogical Heading Structure

Headings are not presented in a logical and hierarchical order.

### WCAG Reference:

Usability

Issue ID: DAC\_Usability\_Illogical\_Heading\_Structure\_01

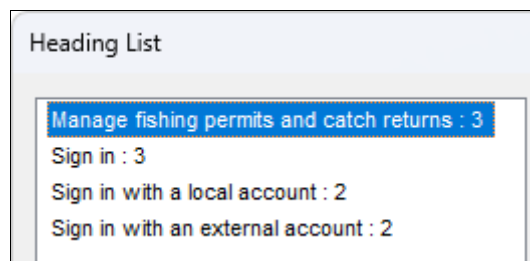
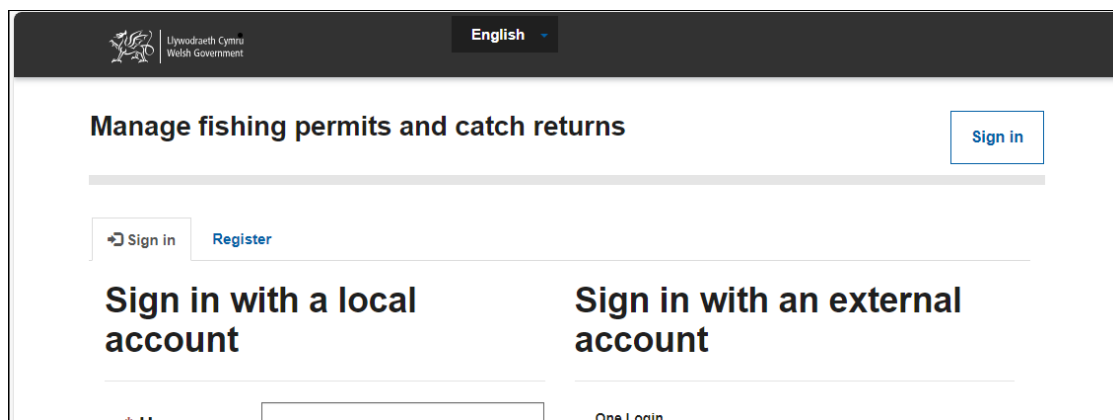
URL: <https://fisheriespermittedtest.powerappsportals.com/en-US/signin>

Page title: Sign in

Journey: In scope

1. Manage Fishing permits page enter the email you registered with OneLogin

Screenshot:



The 'Sign in' page does not contain a level-one heading which means that screen reader users be unable to identify the subject or purpose of the page content or the structure and relationship of content there in.

### Current code ref(s):

```
#wg_header > div > div.column > a > h3
```

```
<h3 style="text-align: left;">Manage fishing permits and catch returns</h3>
```

```
#wg_header > div > div.column2 > h3
```

```
<h3><button onclick="window.location.href='/signin'" type="button" value="Sign in"
aria-label="Sign in" class="signin-button" style="margin-left: 0; margin-right:
auto;">Sign in</button></h3>
```



### #local-login-heading

```
<h2 class="login-heading-section" id="local-login-heading">
<span class="xrm-editable-text xrm-attribute"><span class="xrm-attribute-value-
encoded xrm-attribute-value">Sign in with a local account</span></span>
</h2>
```

### #external-login-heading

```
<h2 class="login-heading-section" id="external-login-heading">
<span class="xrm-editable-text xrm-attribute"><span class="xrm-attribute-value-
encoded xrm-attribute-value">Sign in with an external account</span></span>
</h2>
```

### Examples of additional instances:

Additional instances of this issue may exist on other pages throughout the website; wherever this issue occurs, they too will need to be resolved.

### Solution:

Ensure that pages contain only one level-one heading that briefly introduces the content or purpose of the page. Subsequent headings should be presented in a logical and hierarchical order, primarily to make it easy for screen readers to navigate the page. Screen reader users can make use of headings to jump to relevant content within the document and greatly reduce the time that they spend looking for content on a page. Headers should be logical and reflect the structure of information on the page, briefly introducing the topic(s) that follow them. For example:

```
<h1>Main heading</h1>
  <h2>Sub-heading of h1</h2>
  <h2>Sub-heading of h1</h2>
    <h3>Sub-heading of h2</h3>
  <h2>Sub-heading of h1</h2>
    <h3>Sub-heading of h2</h3>
      <h4>Sub-heading of h3</h4>
  <h2>Sub-heading of h1</h2>
<h2>Sub-heading of h1</h2>
```



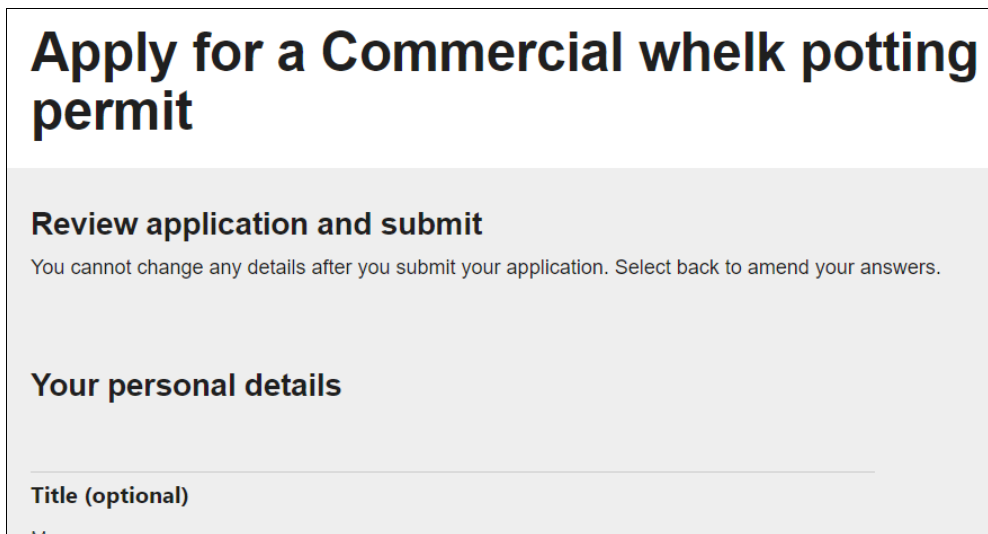
URL: <https://fisheriespermittest.powerappsportals.com/en-US/apply-for-a-commercial-whelk-potting/?id=f3c52b2c-1695-ee11-be37-002248c5e664&stepid=0e24090d-c478-4099-b74f-a0ce3cf474d7&sessionid=874045dc-edec-ee11-a1fd-0022481ae9e1>

Page title: Apply for a Commercial whelk potting permit

Journey 2 Commercial Whelk Potting

7. Review application page, select both declaration boxes, click save and continue

Screenshot:



**Apply for a Commercial whelk potting permit**

**Review application and submit**

You cannot change any details after you submit your application. Select back to amend your answers.

**Your personal details**

Title (optional)

The level-three heading's under the level-one heading, 'Apply for a Commercial whelk potting permit' are not logical because they increase by more than one heading level. This means that screen reader users may not be able to determine the structure of content on the page.

**Current code ref(s):**

#izich

```
<h1 id="izich">Apply for a Commercial whelk potting permit</h1>
```

#EntityFormView > div.tab.clearfix > div > div > fieldset:nth-child(1) > legend > h3:nth-child(2)

```
<h3>Review application and submit</h3>
```

**Examples of additional instances:**

Additional instances of this issue may exist on other pages throughout the website; wherever this issue occurs, they too will need to be resolved.



**Solution:**

Ensure headings are presented in a logical and hierarchical order, primarily to make it easy for screen readers to navigate the page. Screen reader users can make use of headings to jump to relevant content within the document and greatly reduce the time that they spend looking for content on a page. Headers should be logical and reflect the structure of information on the page, briefly introducing the topic(s) that follow them. For example:

```
<h1>Main heading</h1>  
  <h2>Sub-heading of h1</h2>  
  <h2>Sub-heading of h1</h2>  
    <h3>Sub-heading of h2</h3>  
  <h2>Sub-heading of h1</h2>  
    <h3>Sub-heading of h2</h3>  
      <h4>Sub-heading of h3</h4>  
  <h2>Sub-heading of h1</h2>  
<h2>Sub-heading of h1</h2>
```



## Dragon File Upload

There is an issue with Dragon where some input types are not supported. This includes the input type of "File".

### WCAG Reference:

Usability

Issue ID: DAC\_Usability\_Dragon\_File\_Upload\_01

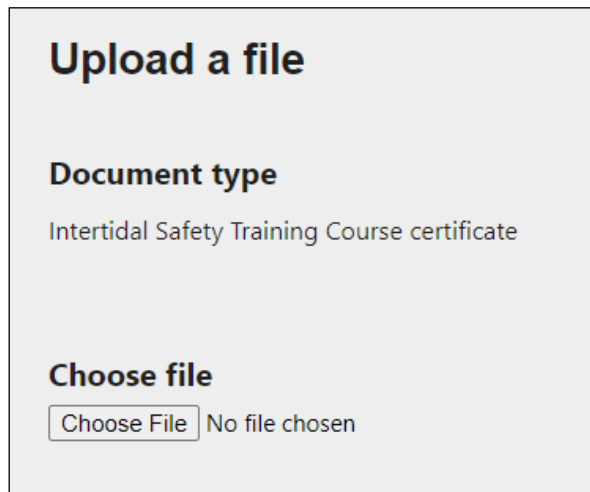
URL: [https://fisheriespermittest.powerappsportals.com/en-US/All-Wales-Cockles/?id=a3b40cc8-38dd-ee11-904d-000d3a86f329&stepid=75eae7f6-ad83-ee11-8179-002248c5e664&sessionid=7d80cde6-49ec-ee11-a1fd-000d3a0cd688#Subgrid\\_supporting\\_documents](https://fisheriespermittest.powerappsportals.com/en-US/All-Wales-Cockles/?id=a3b40cc8-38dd-ee11-904d-000d3a86f329&stepid=75eae7f6-ad83-ee11-8179-002248c5e664&sessionid=7d80cde6-49ec-ee11-a1fd-000d3a0cd688#Subgrid_supporting_documents)

Page title: Apply for a Cockles permit

Journey 1 Cockles

6. Upload page, in each section click on upload and upload dummy file (the file in scope email), Save and continue

Screen shot:



**Upload a file**

**Document type**

Intertidal Safety Training Course certificate

**Choose file**

No file chosen

There is an issue with Dragon where some input types are not supported in all browsers. This included the input type of "file".

This means that voice activation users were unable to access the 'Choose file' upload component using standard Dragon voice commands. This may also affect older version of assistive technology. If the issue is not solved, users should be advised by adding information about the issue in your Accessibility Statement.

### Current Code Ref(s):

#AttachFile

```
<input type="file"
name="ctl00$ContentContainer$MainContent$EntityFormControl$EntityFormControl_EntityFormView$AttachFile" id="AttachFile" accept="*" aria-label="Choose file Attach a file..." aria-required="true">
```





**Solution:**

To get around this problem, the input of type “File” will need to be hidden (using the CSS rule of “`display: none;`”), and a facsimile be added to recreate the interaction, where the button activates the hidden input type “File”. For example:

Or:

Consider hiding the input type="file" using the CSS rule of "display: none;", and implement a facsimile to recreate the interaction, where the button activates the hidden input type="file". For example:

**HTML:**

```
<div>
  <span>
    <input type="file" id="file-upload" style="display: none;">
  </span>
  <label for="file-name">Upload your signature</label>
  <button id="file-upload-button">Choose File</button>
  <input type="text" disabled readonly id="file-name" value="No file chosen">
</div>
```

**JavaScript:**

```
document.getElementById("file-upload-button").
addEventListener("click", function(){
  document.getElementById("file-upload").click();
  document.getElementById("file-name").value =
  document.getElementById("file-upload").value;
});
```



## Visited Link Style

Visited links are not defined by unique visual characteristics.

### WCAG Reference:

Usability

Issue ID: DAC\_Usability\_Visited\_Links\_Style\_01

URL: <https://fisheriespermittedtest.powerappsportals.com/en-US/All-Wales-Cockles/?id=a3b40cc8-38dd-ee11-904d-000d3a86f329&stepid=bd7c3ea0-d57f-ee11-8178-002248c5e664&sessionid=85c3c044-4dec-ee11-a1fd-000d3a0cd688>

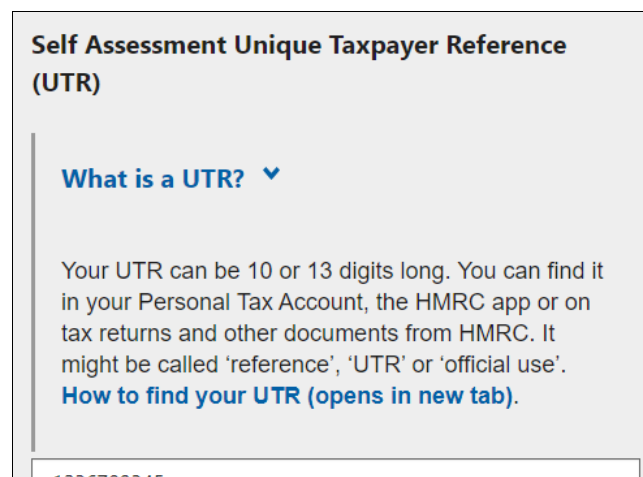
Page title: Apply for a Cockles permit

Journey 1 Cockles

3. Apply for Cockles permit enter personal details

b. Enter any 9 digit number for UTR or use 1236789345

Screenshot:



Visited links (e.g., 'How to find your UTR (opens in new tab)') are not defined by unique visual characteristics which means that people may be unable to differentiate between visited and unvisited links. This could be problematic for some people, for example, some people who experience cognitive impairments and/or memory loss may be unable to identify which links have been visited during their session.

### Example code ref(s):

#taxHelper > p > a

```
<a href="https://www.gov.uk/find-utr-number" target="_blank" rel="noopener norefferrer">How to find your UTR (opens in new tab)</a>
```



**Examples of additional instances:**

Additional instances of this issue may exist on other pages throughout the website; wherever this issue occurs, they too will need to be resolved.

**Solution:**

Consider applying visual characteristics to visited links to help users identify them where they exist. For example, visited links are typically styled using a different colour compared to unvisited links; in this instance, consider also maintaining a colour contrast ratio of 3:1 between the default link colour and visited link colour to help people perceive the different states.



## Table Caption

Tables are not defined by table captions.

### WCAG Reference:

Usability

Issue ID: DAC\_Usability\_Table\_Caption\_01

URL: <https://fisheriespermittedtest.powerappsportals.com/en-US/Permit/>

Page title: Permit

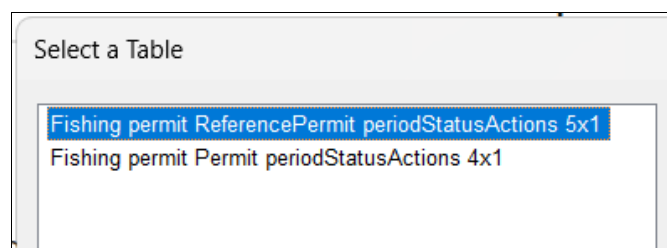
Journey: In scope

3. Apply for a permit or enter catch returns page, click Apply for renew or view fishing permit

Screenshot:

**Your existing digital permits**

| Fishing permit | Reference         | Permit period            | Status    |                                  |
|----------------|-------------------|--------------------------|-----------|----------------------------------|
| Cockles        | Application: 1610 | 15/07/2024 to 31/12/2024 | Submitted | <a href="#">Additional files</a> |
| Commercial     | Application: 1614 | 01/03/2024 to 04/02/2025 | Submitted |                                  |



The table elements are not defined by <caption> elements which means that screen reader users may be unable to quickly identify the subject or purpose of the table content.

### Current code ref(s):

```
#mainContent > div > div.xrm-editable-html.xrm-attribute > div.xrm-attribute-value >
div:nth-child(2) > div > div > div > div.view-grid.table-responsive > table
<table aria-relevant="additions" role="grid" class="table table-
striped"><thead><tr>
[...]
```



### Examples of additional instances:

- URL: <https://fisheriespermittest.powerappsportals.com/en-US/Apply-for-a-new-permit/>  
Page title: Apply for a new permit  
Journey 1 Cockles  
Click on apply

Additional instances of this issue may exist on other pages throughout the website; wherever this issue occurs, they too will need to be resolved.

### Solution:

Consider implementing table captions to help screen reader users quickly understand the subject or purpose of table data. Please refer to [<caption>: The Table Caption element - HTML: HyperText Markup Language | MDN](#).



## Input Type for Numbers

Some mobile users are required to alternate between text and special character keyboards when inputting data.

### WCAG Reference:

Usability

Issue ID: DAC\_Input\_Type\_for\_Numbers\_01

URL: <https://fisheriespermittedtest.powerappsportals.com/en-US/All-Wales-Cockles/?id=a3b40cc8-38dd-ee11-904d-000d3a86f329&stepid=bd7c3ea0-d57f-ee11-8178-002248c5e664&sessionid=16918b78-f4f0-ee11-904c-000d3a86f329>

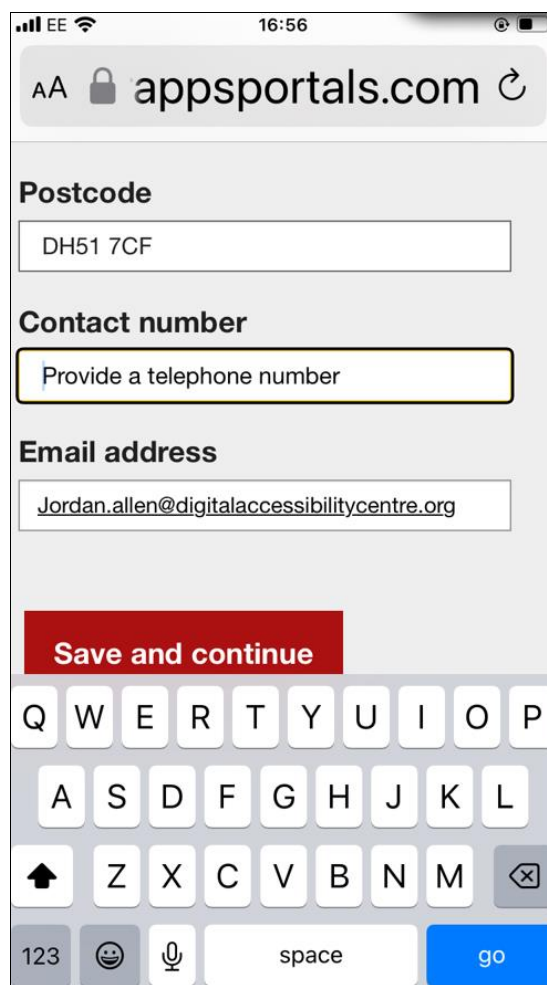
Page title: Apply for a Cockles permit



Journey 1 Cockles

3. Apply for Cockles permit enter personal details

a. Enter any dummy information

Screenshot:



AA  appsportals.com 

**Postcode**

DH51 7CF

**Contact number**

Provide a telephone number


**Email address**



Jordan.allen@digitalaccessibilitycentre.org

**Save and continue**

Q W E R T Y U I O P

A S D F G H J K L

↑ Z X C V B N M 

123   space go



When using a mobile device; input fields that require numerical data present users with an alphabetic keyboard which means users must navigate to special characters in order to input numbers.

#### Current code ref(s):

#address1\_telephone1

```
<input
name="ctl00$ContentContainer$WebFormControl_46abca321e7fee118178002248c5e664$EntityFormView$address1_telephone1" type="text" value="01792815267" maxlength="50"
id="address1_telephone1" class="text form-control "
onchange="setIsDirty(this.id);" aria-required="true" title="Enter contact number.
" aria-label="Contact number" placeholder="Provide a telephone number"
onkeypress="javascript:return LengthError(this, event);">
```

#wg\_taxreference

```
<input
name="ctl00$ContentContainer$WebFormControl_46abca321e7fee118178002248c5e664$EntityFormView$wg_taxreference" type="text" value="1236789345" maxlength="100"
id="wg_taxreference" class="text form-control " onchange="setIsDirty(this.id);"
aria-roledescription="<div class=&quot;wg_helper&quot;>
<label class=&quot;wg_helper_title&quot; onclick=&quot;showTaxHelper()&quot;>What
is a UTR?</label><input type=&quot;button&quot; aria-label=&quot;down arrow&quot;
class=&quot;more-button&quot; onclick=&quot;showTaxHelper()&quot; ><img
class=&quot;chevron-down&quot; src=&quot;/chevron-down&quot;
alt=&quot;Details&quot; onclick=&quot;showTaxHelper()&quot; ></input>
<div class=&quot;wg_helper_text&quot; id=&quot;taxHelper&quot;>
<p> Your UTR can be 10 or 13 digits long. You can find it in your Personal Tax
Account, the HMRC app or on tax returns and other documents from HMRC. It might be
called 'reference', 'UTR' or 'official use'. <a
href=&quot;https://www.gov.uk/find-utr-number&quot; target=&quot;_blank&quot;
rel=&quot;noopener noreferrer&quot;>How to find your UTR (opens in new
tab)</a>.</p>
</div>
</div>
" onkeypress="javascript:return LengthError(this, event);">
```



## Examples of additional instances:

- URL: <https://fisheriespermittedtest.powerappsportals.com/en-US/All-Wales-Cockles/?id=a3b40cc8-38dd-ee11-904d-000d3a86f329&stepid=51c70214-0883-ee11-8179-002248c5e664&sessionid=07f542a3-f6f0-ee11-904b-000d3a0cd688>  
Page title: Apply for a Cockles permit  
Journey 1 Cockles  
5. Vessel information, enter 22334456789, continue

### Current code ref(s):

#wg\_mccertificatenum

```
<input
name="ctl00$ContentContainer$WebFormControl_46abca321e7fee118178002248c5e66
4$EntityFormView$wg_mccertificatenum" type="text" value="22334456789"
maxlength="100" id="wg_mccertificatenum" class="text form-control "
onchange="setIsDirty(this.id);" aria-roledescription="Enter either your
Maritime and Coastguard Agency (MCA) Certificate number OR PLN (Port
Letter Number), vessel name and length.">
```

#crcf0\_port

```
<input
name="ctl00$ContentContainer$WebFormControl_46abca321e7fee118178002248c5e66
4$EntityFormView$crcf0_port" type="text" maxlength="100" id="crcf0_port"
class="text form-control " onchange="setIsDirty(this.id);"
onkeypress="javascript:return LengthError(this, event);">
```

#wg\_length

```
<input
name="ctl00$ContentContainer$WebFormControl_46abca321e7fee118178002248c5e66
4$EntityFormView$wg_length" type="text" id="wg_length" class="text decimal
form-control " aria-roledescription="Vessel length cannot exceed 10m."
onchange="setIsDirty(this.id);">
```

Additional instances of this issue may exist on other pages throughout the website; wherever this issue occurs, they too will need to be resolved.

### Solution:

When asking for whole numbers, consider setting the inputmode attribute to numeric and the pattern attribute to [0-9]\* to present users with the numeric keypad on a mobile device. Please refer to [Text input – GOV.UK Design System](#).





## Label in Name (Usability)

A components visual label was not contained within the accessible name; however, the attribute has been incorrectly spelled, as such this is not currently overwriting the accessible name.

Issue ID: DAC\_Usability\_Label\_In\_Name\_01

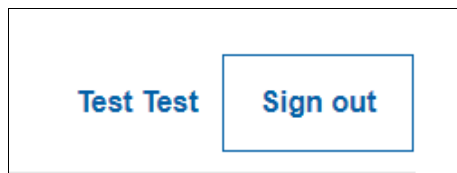
URL: <https://fisheriespermittest.powerappsportals.com/en-US/>

Page title: Home

Journey: In scope

3. Apply for a permit or enter catch returns page, click Apply for renew or view fishing permit

Screenshot:



The username button is defined by the visual button text (i.e., Test Test); however, the accessible name is defined by aria-label attribute, 'Profile page'. This means that voice activation users, who rely on using visual labels as voice commands to access and function components, may be unable to do so due to the accessible name being different.

The aria-label would cause a label in name failure to occur as the accessible name would be different to that of the visible label; however the attribute has been spelled incorrectly, reading 'area' instead of 'aria', so at present the attribute is not active. This ideally should be removed to instead rely on the visible text label, or alternatively if the aria-label is required, then the text within it should match the visible label.

### Current code ref(s):

```
#wg_header > div > div.column2 > h3
```

```
<button class="username" onclick="window.location.href='/profile/'" area-label="Profile page">Test Test</button>
```

### Examples of additional instances:

Additional instances of this issue may exist on other pages throughout the website; wherever this issue occurs, they too will need to be resolved.

### Solution:

Ensure that the visual label is contained within the accessible name in its entirety without the string being broken. This will allow voice activation users to activate and use the component with the expected voice commands. The accessible name must contain the visual label of 'Test Test' and although it is best to start the accessible name with this label, it is not required. If the 'aria-label' is to be used, it must contain 'Test Test' within it without breaking the string.



## Focus Order (Usability)

Focusable components do not receive focus in an order that preserves meaning and operability.

### WCAG Reference:

2.4.3 Focus Order (Level A)

[Understanding Focus Order](#) | [How to Meet Focus Order](#)

Issue ID: DAC\_Usability\_Focus\_Order\_01

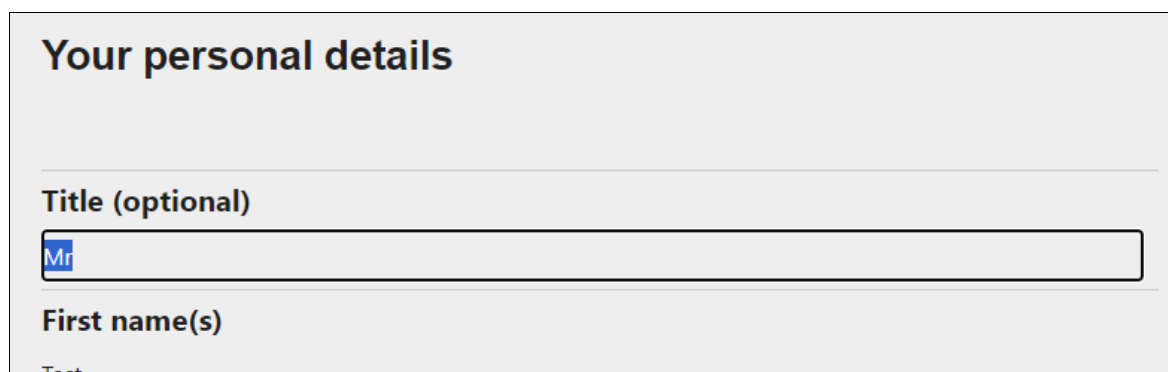
URL: <https://fisheriespermittest.powerappsportals.com/en-US/All-Wales-Cockles/?id=a3b40cc8-38dd-ee11-904d-000d3a86f329&stepid=49b9b19f-e17f-ee11-8178-002248c5e664&sessionid=275b5e71-a5e6-ee11-904c-000d3a0cd688>

Page title: Apply for a Cockles permit

Journey 1 Cockles

7. Review page and select both declaration boxes, save and continue to payment

Screenshot:



Non-actionable elements (e.g., Mr) receive keyboard focus which may be disorientating for users navigating via the use of the keyboard alone as it can be difficult to track focus if it lands on unexpected objects within the page. This also causes the need for additional key-presses when navigating the page, which can become strenuous for users with mobility impairments. Users may assume that because these are in tab sequence they must be interactive and then be confused as to why they cannot action the content. The <input> elements are marked-up including 'readonly' attributes which can't be modified but can receive keyboard focus.

### Current code ref(s):

```
#QuickviewController1704473367340 > div.tab.clearfix > div > div > fieldset > table > tbody > tr:nth-child(2) > td.clearfix.cell.text.form-control-cell > div.control
```

```
<div class="control">
<input name="ctl00$ContentContainer$QuickviewController1704473367340$salutation"
type="text" value="Mr" maxlength="100" id="salutation" title="Type the salutation
of the contact to make sure the contact is addressed correctly in sales calls,
email messages, and marketing campaigns." class="text form-control readonly"
onchange="setIsDirty(this.id);" readonly="readonly" onkeypress="javascript:return
LengthError(this, event);"></div>
```



## Examples of additional instances:

- URL: <https://fisheriespermittedtest.powerappsportals.com/en-US/All-Wales-Cockles/?id=a3b40cc8-38dd-ee11-904d-000d3a86f329&stepid=b82bd0e9-2985-ee11-8179-002248c5e664&sessionid=275b5e71-a5e6-ee11-904c-000d3a0cd688>  
Page title: Apply for a Cockles permit  
Journey 1 Cockles  
8. Cost of permit is £40, click save and continue (not pay)

### Current code ref(s):

#wg\_applicationnumber

```
<input  
name="ctl00$ContentContainer$WebFormControl_46abca321e7fee118178002248c5e66  
4$EntityFormView$wg_applicationnumber" type="text" value="1610"  
maxlength="100" id="wg_applicationnumber" class="text form-control  
readonly" onchange="setIsDirty(this.id);" aria-required="true"  
title="Application number is a required field." aria-label="Application  
number" readonly="readonly" onkeypress="javascript:return LengthError(this,  
event);">
```

- URL: <https://fisheriespermittedtest.powerappsportals.com/en-US/apply-for-a-commercial-whelk-potting/?id=f3c52b2c-1695-ee11-be37-002248c5e664&stepid=0e24090d-c478-4099-b74f-a0ce3cf474d7&sessionid=9117db0e-c4e6-ee11-904c-0022481ae9e1>  
Page title: Apply for a Commercial whelk potting permit  
Journey 2 Commercial Whelk Potting  
7. Review application page, select both declaration boxes, click save and continue
- URL: <https://fisheriespermittedtest.powerappsportals.com/en-US/apply-for-a-commercial-whelk-potting/?id=f3c52b2c-1695-ee11-be37-002248c5e664&stepid=ce9ea55e-0899-ee11-be37-002248c5e664&sessionid=9117db0e-c4e6-ee11-904c-0022481ae9e1>  
Page title: Apply for a Commercial whelk potting permit  
Journey 2 Commercial Whelk Potting  
8. Cost of permit is £304, click save and continue (Do not pay)

Additional instances of this issue may exist on other pages throughout the website; wherever this issue occurs, they too will need to be resolved.

### Solution:

Ensure non-actionable elements do not receive keyboard focus. In this instance consider implementing a description list like the GOV.UK Design System [Check answers – GOV.UK Design System](#).

## End of report



### Journeys

[Home \(powerappsportals.com\)](https://powerappsportals.com)

Or

URL: <https://fisheriespermittest.powerappsportals.com/en-GB/en-US/>

### Out of scope (support could possibly set this up for the tester to speed things up)

**Username:** integration-user

**Password:** winter2021

- Click on sign in
- Sign in with external account , choose one login option
- Click on create one login
- Enter your DAC Email address
- Check your email and enter 6 digit code
- Create password and confirm password
- Choose how to get security codes (text message) or app either way
- Enter mobile number
- Enter 6 digit code
- Account created
- Click continue

### In scope

1. Manage Fishing permits page enter the email you registered with OneLogin
2. Click register
3. Apply for a permit or enter catch returns page, click Apply for renew or view fishing permit
4. Your fishing permits and applications page, click apply for a new permit



## Journey 1 Cockles

1. Click on apply
2. Before you start page - click continue
3. Apply for Cockles permit enter personal details
  - a. Enter any dummy information
  - b. Enter any 9 digit number for UTR or use 1236789345
  - c. Enter AB123456C for NINO
  - d. Use any address / Postcode for contact details (DAC is fine)
4. Will you walk on the vessel? Choose to use a vessel, and then choose New vessel, Save and continue
5. Vessel information, enter 22334456789, continue
6. Upload page, in each section click on upload and upload dummy file (the file in scope email), Save and continue
7. Review page and select both declaration boxes, save and continue to payment
8. Cost of permit is £40, click save and continue (not pay)
9. Payment confirmation, select user payment confirmation, submit application
10. Application complete/ submitted (click on view your fisheries permit/applications to go back)
11. Click on apply for a new permit (already tested)

## Journey 2 Commercial Whelk Potting

1. Click Apply (tested in J1)
2. Before you start – click continue
3. Apply for Commercial Whelk Potting permit enter personal details page (dummy info) (tested in J1) prefilled already from previous journey.
4. Will you use a new or previously registered vessel? choose New Vessel, save and continue
5. Vessel Information (use dummy information to proceed) and select no for co-owners
6. You have successfully filled in application, click save to continue
7. Review application page, select both declaration boxes, click save and continue
8. Cost of permit is £304, click save and continue (Do not pay)
9. Payment confirmation, select user payment confirmation, submit application (already tested)
10. Application complete/ submitted (click on view your fisheries permit/applications to go back) (already tested)
11. Click on apply for a new permit (already tested)



### **Journey 3 Scallops Dredging north**

1. Click Apply
2. Before you start – click continue
3. Apply for Scallops Dredging North permit enter personal details page (dummy info) (tested in J1) prefilled already from previous journey.
4. Vessel information
  - a. Select existing vessel
  - b. from the dropdown select your option, click save and continue
5. Review application page, select both declaration boxes, click save and continue (already tested)
6. Application complete/ submitted (click on view your fisheries permit/applications to go back) (already tested)
7. Click on apply for a new permit (already tested)

### **Journey 4 Recreational potting north**

1. Click Apply
2. Before you start page – click continue
3. Apply for Recreational Potting North permit enter personal details page (dummy info) (tested in J1) prefilled already from previous journey.
4. Review application page, select both declaration boxes, click save and continue (already tested)
5. Application complete/ submitted (click on view your fisheries permit/applications to go back) (already tested)
6. Click on apply for a new permit (already tested)

### **Journey 5 Scallops Dredging South**

1. Click Apply
2. Before you start page – click continue
3. Apply for Scallops dredging south permit enter personal details page (dummy info) prefilled already from previous journey.
4. Will you use a previously or new vessel?
  - a. Select New Vessel
5. Vessel information page, enter any dummy information to proceed
6. You have successfully filled in your application, save and continue (already tested)
7. Review application page, select both declaration boxes, click save and continue (already tested)
8. Application complete/ submitted (click on view your fisheries permit/applications to go back) (already tested)



## Appendix II

### Classification of Accessibility Issues

The following scoring system was used to indicate the status of the sites with regards to each W3C WAI checkpoint up to and including Level AA:

| Status   | Description   |
|--|---|
| <b>Pass (L) Low Priority</b><br><b>Pass (M) Medium Priority</b><br><b>Pass (H) High Priority</b> | The service meets the requirements of the checkpoint.   |
| <b>Fail (M) Medium Priority</b>  | The service fails to meet the requirements against AA criteria measured against WCAG 2.2  |
| <b>Fail (H) High Priority</b>  | The service fails to meet the requirements against A criteria measured against WCAG 2.2 and more severe accessibility issues were identified. |
| <b>Not Applicable (N/A)</b>  | No content was found on the service to which the checkpoint would relate.   |
| <b>Out of scope</b>  | Areas which fail to meet the requirements against AAA criteria measured against WCAG 2.2 are not in scope for the purposes of this audit.     |



| <b>Principle 1: Perceivable – Information and users interface components must be presentable to users in ways they can perceive.</b>   |                             |
|--|-----------------------------|
| <b>Non-text Content:</b><br><b>1.1.1</b> All <a href="#">non-text content</a> that is presented to the user has a <a href="#">text alternative</a> that serves the equivalent purpose.<br><b>(Level A)</b>   | <b>Pass (H)</b>             |
| <b>Audio-only and Video-only (Pre-recorded):</b><br><b>1.2.1</b> For <a href="#">pre-recorded audio-only</a> and pre-recorded <a href="#">video-only</a> media, the following are true, except when the audio or video is a <a href="#">media alternative for text</a> and is clearly labelled as such: <ul style="list-style-type: none"> <li>• <b>Pre-recorded Audio-only</b><br/>An <a href="#">alternative for time-based media</a> is provided that presents equivalent information for pre-recorded audio-only content.</li> <li>• <b>Pre-recorded Video-only</b><br/>Either an alternative for time-based media or an audio track is provided that presents equivalent information for pre-recorded video-only content.</li> </ul> <b>(Level A)</b> | <b>Not Applicable (N/A)</b> |
| <b>Captions (Pre-recorded):</b><br><b>1.2.2</b> <a href="#">Captions</a> are provided for all pre-recorded <a href="#">audio</a> content in <a href="#">synchronized media</a> , except when the media is a <a href="#">media alternative for text</a> and is clearly labelled as such.<br><b>(Level A)</b>  | <b>Not Applicable (N/A)</b> |
| <b>Audio Description or Media Alternative (Pre-recorded):</b><br><b>1.2.3</b> An <a href="#">alternative for time-based media</a> or <a href="#">audio description</a> of the <a href="#">pre-recorded video</a> content is provided for <a href="#">synchronized media</a> , except when the media is a <a href="#">media alternative for text</a> and is clearly labelled as such.<br><b>(Level A)</b>   | <b>Not Applicable (N/A)</b> |
| <b>Captions (Live):</b><br><b>1.2.4</b> <a href="#">Captions</a> are provided for all <a href="#">live audio</a> content in <a href="#">synchronized media</a> .<br><b>(Level AA)</b>  | <b>Not Applicable (N/A)</b> |
| <b>Audio Description (Pre-recorded):</b><br><b>1.2.5</b> <a href="#">Audio description</a> is provided for all <a href="#">pre-recorded video</a> content in <a href="#">synchronized media</a> .<br><b>(Level AA)</b>   | <b>Not Applicable (N/A)</b> |
| <b>Sign Language (Pre-recorded):</b><br><b>1.2.6</b> <a href="#">Sign language interpretation</a> is provided for all <a href="#">pre-recorded audio</a> content in <a href="#">synchronized media</a> .<br><b>(Level AAA)</b>   | <b>Out of scope</b>         |





|  |              |
|--|--------------|
| <b>Extended Audio Description (Pre-recorded):</b><br><a href="#">1.2.7</a> Where pauses in foreground audio are insufficient to allow <a href="#">audio descriptions</a> to convey the sense of the video, <a href="#">extended audio description</a> is provided for all <a href="#">pre-recorded video</a> content in <a href="#">synchronized media</a> .<br><b>(Level AAA)</b>   | Out of scope |
| <b>Media Alternative (Pre-recorded):</b><br><a href="#">1.2.8</a> An <a href="#">alternative for time-based media</a> is provided for all <a href="#">pre-recorded synchronized media</a> and for all pre-recorded <a href="#">video-only</a> media.<br><b>(Level AAA)</b>   | Out of scope |
| <b>Audio-only (Live):</b><br><a href="#">1.2.9</a> An <a href="#">alternative for time-based media</a> that presents equivalent information for <a href="#">live audio-only</a> content is provided.<br><b>(Level AAA)</b>   | Out of scope |
| <b>Info and Relationships:</b><br><a href="#">1.3.1</a> Information, <a href="#">structure</a> , and <a href="#">relationships</a> conveyed through <a href="#">presentation</a> can be <a href="#">programmatically determined</a> or are available in text.<br><b>(Level A)</b>  | Pass (H)     |
| <b>Meaningful Sequence:</b><br><a href="#">1.3.2</a> When the sequence in which content is presented affects its meaning, a <a href="#">correct reading sequence</a> can be <a href="#">programmatically determined</a> .<br><b>(Level A)</b>  | Pass (H)     |
| <b>Sensory Characteristics:</b><br><a href="#">1.3.3</a> Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, size, visual location, orientation, or sound.<br><b>(Level A)</b>  | Pass (H)     |
| <b>Orientation:</b><br><a href="#">1.3.4</a> Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential.<br><br>Note: Examples where a particular display orientation may be essential are a bank check, a piano application, slides for a projector or television, or virtual reality content where binary display orientation is not applicable.<br><b>(Level AA)</b> | Pass (M)     |



|  |                      |
|--|----------------------|
| <p><b>Identify Input Purpose:</b><br/> <a href="#">1.3.5</a> The purpose of each input field collecting information about the user can be <a href="#">programmatically determined</a> when:</p> <ul style="list-style-type: none"> <li>• The input field serves a purpose identified in the <a href="#">Input Purposes for user interface components section</a>; and</li> <li>• The content is implemented using technologies with support for identifying the expected meaning for form input data.</li> </ul> <p><b>(Level AA)</b></p>  | Pass (M)             |
| <p><b>Identify Purpose:</b><br/> <a href="#">1.3.6</a> In content implemented using mark-up languages, the purpose of User Interface Components, icons, and regions can be programmatically determined.</p> <p><b>(Level AAA)</b></p>  | Out of scope         |
| <p><b>Use of Colour:</b><br/> <a href="#">1.4.1</a> Colour is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.</p> <p><b>(Level A)</b></p>  | Pass (H)             |
| <p><b>Audio Control:</b><br/> <a href="#">1.4.2</a> If any audio on a Web page plays automatically for more than 3 seconds, either a <a href="#">mechanism</a> is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level.</p> <p><b>(Level A)</b></p>  | Not Applicable (N/A) |
| <p><b>Contrast (Minimum):</b><br/> <a href="#">1.4.3</a> The visual presentation of <a href="#">text</a> and <a href="#">images of text</a> has a <a href="#">contrast ratio</a> of at least 4.5:1, except for the following:</p> <ul style="list-style-type: none"> <li>• <b>Large Text</b><br/> <a href="#">Large-scale</a> text and images of large-scale text have a contrast ratio of at least 3:1;</li> <li>• <b>Incidental</b><br/> Text or images of text that are part of an inactive <a href="#">user interface component</a>, that are <a href="#">pure decoration</a>, that are not visible to anyone, or that are part of a picture that contains significant other visual content, have no contrast requirement.</li> <li>• <b>Logotypes</b><br/> Text that is part of a logo or brand name has no contrast requirement.</li> </ul> <p><b>(Level AA)</b></p> | Pass (M)             |
| <p><b>Resize text:</b><br/> <a href="#">1.4.4</a> Except for <a href="#">captions</a> and <a href="#">images of text</a>, <a href="#">text</a> can be resized without <a href="#">assistive technology</a> up to 200 percent without loss of content or functionality.</p> <p><b>(Level AA)</b></p>  | Pass (M)             |



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| <p><b>Images of Text:</b><br/> <a href="#">1.4.5</a> If the technologies being used can achieve the visual presentation, <a href="#">text</a> is used to convey information rather than <a href="#">images of text</a> except for the following:</p> <ul style="list-style-type: none"> <li>• <b>Customizable</b><br/> The image of text can be <a href="#">visually customized</a> to the user's requirements;</li> <li>• <b>Essential</b><br/> A particular presentation of text is <a href="#">essential</a> to the information being conveyed.</li> </ul> <p><b>Note:</b> Logotypes (text that is part of a logo or brand name) are considered essential.<br/> <b>(Level AA)</b></p>  | <p><b>Pass (M)</b></p>     |
| <p><b>Contrast (Enhanced):</b><br/> <a href="#">1.4.6</a> The visual presentation of <a href="#">text</a> and <a href="#">images of text</a> has a <a href="#">contrast ratio</a> of at least 7:1, except for the following:</p> <ul style="list-style-type: none"> <li>• <b>Large Text</b><br/> <a href="#">Large-scale</a> text and images of large-scale text have a contrast ratio of at least 4.5:1;</li> <li>• <b>Incidental</b><br/> Text or images of text that are part of an inactive <a href="#">user interface component</a>, that are <a href="#">pure decoration</a>, that are not visible to anyone, or that are part of a picture that contains significant other visual content, have no contrast requirement.</li> <li>• <b>Logotypes</b><br/> Text that is part of a logo or brand name has no contrast requirement.</li> </ul> <p><b>(Level AAA)</b></p>  | <p><b>Out of scope</b></p> |
| <p><b>Low or No Background Audio:</b><br/> <a href="#">1.4.7</a> For <a href="#">pre-recorded audio-only</a> content that (1) contains primarily speech in the foreground, (2) is not an audio <a href="#">CAPTCHA</a> or audio logo, and (3) is not vocalization intended to be primarily musical expression such as singing or rapping, at least one of the following is true:</p> <ul style="list-style-type: none"> <li>• <b>No Background</b><br/> The audio does not contain background sounds.</li> <li>• <b>Turn Off</b><br/> The background sounds can be turned off.</li> <li>• <b>20 dB</b><br/> The background sounds are at least 20 decibels lower than the foreground speech content, with the exception of occasional sounds that last for only one or two seconds.</li> </ul> <p><b>Note:</b> Per the definition of "decibel," background sound that meets this requirement will be approximately four times quieter than the foreground speech content.<br/> <b>(Level AAA)</b></p> | <p><b>Out of scope</b></p> |



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| <p><b>Visual Presentation:</b><br/> <a href="#">1.4.8</a> For the visual presentation of <a href="#">blocks of text</a>, a <a href="#">mechanism</a> is available to achieve the following:</p> <ul style="list-style-type: none"> <li>• Foreground and background colours can be selected by the user.</li> <li>• Width is no more than 80 characters or glyphs (40 if CJK).</li> <li>• Text is not justified (aligned to both the left and the right margins).</li> <li>• Line spacing (leading) is at least space-and-a-half within paragraphs, and paragraph spacing is at least 1.5 times larger than the line spacing.</li> <li>• Text can be resized without assistive technology up to 200 percent in a way that does not require the user to scroll horizontally to read a line of text <a href="#">on a full-screen window</a>.</li> </ul> <p><b>(Level AAA)</b></p>  | <p><b>Out of scope</b></p> |
| <p><b>Images of Text (No Exception):</b><br/> <a href="#">1.4.9 Images of text</a> are only used for <a href="#">pure decoration</a> or where a particular presentation of <a href="#">text</a> is <a href="#">essential</a> to the information being conveyed.</p> <p><b>Note:</b> Logotypes (text that is part of a logo or brand name) are considered essential.</p> <p><b>(Level AAA)</b></p>   | <p><b>Out of scope</b></p> |
| <p><b>Reflow:</b><br/> <a href="#">1.4.10</a> Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:</p> <ul style="list-style-type: none"> <li>• Vertical scrolling content at a width equivalent to 320 <a href="#">CSS pixels</a>;</li> <li>• Horizontal scrolling content at a height equivalent to 256 <a href="#">CSS pixels</a>.</li> </ul> <p>Except for parts of the content which require two-dimensional layout for usage or meaning.</p> <p><b>Note:</b> 320 CSS pixels is equivalent to a starting viewport width of 1280 CSS pixels wide at 400% zoom. For web content which are designed to scroll horizontally (e.g. with vertical text), the 256 CSS pixels is equivalent to a starting viewport height of 1024px at 400% zoom.</p> <p><b>Note:</b> Examples of content which requires two-dimensional layout are images required for understanding (such as maps and diagrams), video, games, presentations, data tables (not individual cells), and interfaces where it is necessary to keep toolbars in view while manipulating content. It is acceptable to provide two-dimensional scrolling for such parts of the content.</p> <p><b>(Level AA)</b></p> | <p><b>Fail (M)</b></p>     |



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| <p><b>Non-text Contrast:</b></p> <p><a href="#">1.4.11</a> The visual <a href="#">presentation</a> of the following have a <a href="#">contrast ratio</a> of at least 3:1 against adjacent colour(s):</p> <ul style="list-style-type: none"> <li>• <b>User Interface Components</b><br/>Visual information required to identify <a href="#">user interface components</a> and <a href="#">states</a>, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author;</li> <li>• <b>Graphical Objects</b><br/>Parts of graphics required to understand the content, except when a particular presentation of graphics is <a href="#">essential</a> to the information being conveyed.</li> </ul> <p><b>(Level AA)</b></p>   | <p>Pass (M)</p> |
| <p><b>Text Spacing:</b></p> <p><a href="#">1.4.12</a> In content implemented using markup languages that support the following <a href="#">text style properties</a>, no loss of content or functionality occurs by setting all of the following and by changing no other style property:</p> <ul style="list-style-type: none"> <li>• Line height (line spacing) to at least 1.5 times the font size;</li> <li>• Spacing following paragraphs to at least 2 times the font size;</li> <li>• Letter spacing (tracking) to at least 0.12 times the font size;</li> <li>• Word spacing to at least 0.16 times the font size.</li> </ul> <p>Exception: Human languages and scripts that do not make use of one or more of these text style properties in written text can conform using only the properties that exist for that combination of language and script.</p> <p><b>(Level AA)</b></p> | <p>Pass (M)</p> |



**Content on Hover or Focus:**

[1.4.13](#) Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:

- **Dismissible**  
A [mechanism](#) is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content communicates an [input error](#) or does not obscure or replace other content;
- **Hoverable**  
If pointer hover can trigger the additional content, then the pointer can be moved over the additional content without the additional content disappearing;
- **Persistent**  
The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid.

**Exception:** The visual presentation of the additional content is controlled by the user agent and is not modified by the author.

**Note:** Examples of additional content controlled by the user agent include browser tooltips created through use of the HTML [title attribute](#).

**Note:** Custom tooltips, sub-menus, and other nonmodal popups that display on hover and focus are examples of additional content covered by this criterion.

**(Level AA)**

Pass (M)



## Principle 2: Operable – User interface components and navigation must be operable.

### Keyboard:

**2.1.1** All [functionality](#) of the content is operable through a [keyboard interface](#) without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.

**Note:** This exception relates to the underlying function, not the input technique. For example, if using handwriting to enter text, the input technique (handwriting) requires path-dependent input but the underlying function (text input) does not.

**Note:** This does not forbid and should not discourage providing mouse input or other input methods in addition to keyboard operation.

**(Level A)**

Pass (H)

### No Keyboard Trap:

**2.1.2** If keyboard focus can be moved to a component of the page using a [keyboard interface](#), then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away.

**Note:** Since any content that does not meet this success criterion can interfere with a user's ability to use the whole page, all content on the Web page (whether it is used to meet other success criteria or not) must meet this success criterion. See [Conformance Requirement 5: Non-Interference](#).

**(Level A)**

Pass (H)

### Keyboard (No Exception):

**2.1.3** All [functionality](#) of the content is operable through a [keyboard interface](#) without requiring specific timings for individual keystrokes.

**(Level AAA)**

Out of scope

### Character Key Shortcuts:

**2.1.4** If a [keyboard shortcut](#) is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:

- **Turn off**  
A [mechanism](#) is available to turn the shortcut off;
- **Remap**  
A mechanism is available to remap the shortcut to include one or more non-printable keyboard keys (e.g., Ctrl, Alt);
- **Active only on focus**  
The keyboard shortcut for a [user interface component](#) is only active when that component has focus.

**(Level A)**

Not  
Applicable  
(N/A)



**Timing Adjustable:**

[2.2.1](#) For each time limit that is set by the content, at least one of the following is true:

- **Turn off**  
The user is allowed to turn off the time limit before encountering it; or
- **Adjust**  
The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or
- **Extend**  
The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or
- **Real-time Exception**  
The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or
- **Essential Exception**  
The time limit is [essential](#) and extending it would invalidate the activity; or
- **20 Hour Exception**  
The time limit is longer than 20 hours.

**Note:** This success criterion helps ensure that users can complete tasks without unexpected changes in content or context that are a result of a time limit. This success criterion should be considered in conjunction with [Success Criterion 3.2.1](#), which puts limits on changes of content or context as a result of user action.

**(Level A)**

**Fail (H)**





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| <p><b>Pause, Stop, Hide:</b><br/> <a href="#">2.2.2</a> For moving, <a href="#">blinking</a>, scrolling, or auto-updating information, all of the following are true:</p> <ul style="list-style-type: none"> <li>• <b>Moving, blinking, scrolling</b><br/> For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to <a href="#">pause</a>, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is <a href="#">essential</a>; and</li> <li>• <b>Auto-updating</b><br/> For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential.</li> </ul> <p><b>Note:</b> For requirements related to flickering or flashing content, refer to <a href="#">Guideline 2.3</a>.</p> <p><b>Note:</b> Since any content that does not meet this success criterion can interfere with a user's ability to use the whole page, all content on the Web page (whether it is used to meet other success criteria or not) must meet this success criterion. See <a href="#">Conformance Requirement 5: Non-Interference</a>.</p> <p><b>Note:</b> Content that is updated periodically by software or that is streamed to the user agent is not required to preserve or present information that is generated or received between the initiation of the pause and resuming presentation, as this may not be technically possible, and in many situations could be misleading to do so.</p> <p><b>Note:</b> An animation that occurs as part of a preload phase or similar situation can be considered essential if interaction cannot occur during that phase for all users and if not indicating progress could confuse users or cause them to think that content was frozen or broken.</p> <p><b>(Level A)</b></p> | <p><b>Not Applicable (N/A)</b></p> |
| <p><b>No Timing:</b><br/> <a href="#">2.2.3</a> Timing is not an <a href="#">essential</a> part of the event or activity presented by the content, except for non-interactive <a href="#">synchronized media</a> and <a href="#">real-time events</a>.<br/> <b>(Level AAA)</b></p>   | <p><b>Out of scope</b></p>         |
| <p><b>Interruptions:</b><br/> <a href="#">2.2.4</a> Interruptions can be postponed or suppressed by the user, except interruptions involving an <a href="#">emergency</a>.<br/> <b>(Level AAA)</b></p>   | <p><b>Out of scope</b></p>         |
| <p><b>Re-authenticating:</b><br/> <a href="#">2.2.5</a> When an authenticated session expires, the user can continue the activity without loss of data after re-authenticating.<br/> <b>(Level AAA)</b></p>  | <p><b>Out of scope</b></p>         |



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| <p><b>Timeouts:</b><br/> <a href="#">2.2.6</a> Users are warned of the duration of any <a href="#">user inactivity</a> that could cause data loss, unless the data is preserved for more than 20 hours when the user does not take any actions.</p> <p><b>Note:</b> Privacy regulations may require explicit user consent before user identification has been authenticated and before user data is preserved. In cases where the user is a minor, explicit consent may not be solicited in most jurisdictions, countries or regions. Consultation with privacy professionals and legal counsel is advised when considering data preservation as an approach to satisfy this success criterion.<br/> <b>(Level AAA)</b></p> | Out of scope |
| <p><b>Three Flashes or Below Threshold:</b><br/> <a href="#">2.3.1</a> <a href="#">Web pages</a> do not contain anything that flashes more than three times in any one second period, or the <a href="#">flash</a> is below the <a href="#">general flash and red flash thresholds</a>.</p> <p><b>Note:</b> Since any content that does not meet this success criterion can interfere with a user's ability to use the whole page, all content on the Web page (whether it is used to meet other success criteria or not) must meet this success criterion. See <a href="#">Conformance Requirement 5: Non-Interference</a>.<br/> <b>(Level A)</b></p>  | Pass (H)     |
| <p><b>Three Flashes:</b><br/> <a href="#">2.3.2</a> <a href="#">Web pages</a> do not contain anything that <a href="#">flashes</a> more than three times in any one second period.<br/> <b>(Level AAA)</b></p>  | Out of scope |
| <p><b>Animation from Interactions:</b><br/> <a href="#">2.3.3</a> <a href="#">Motion animation</a> triggered by interaction can be disabled, unless the animation is <a href="#">essential</a> to the functionality or the information being conveyed.<br/> <b>(Level AAA)</b></p>  | Out of scope |
| <p><b>Bypass Blocks:</b><br/> <a href="#">2.4.1</a> A <a href="#">mechanism</a> is available to bypass blocks of content that are repeated on multiple <a href="#">Web pages</a>.<br/> <b>(Level A)</b></p>   | Fail (H)     |
| <p><b>Page Titled:</b><br/> <a href="#">2.4.2</a> <a href="#">Web pages</a> have titles that describe topic or purpose.<br/> <b>(Level A)</b></p>   | Fail (H)     |
| <p><b>Focus Order:</b><br/> <a href="#">2.4.3</a> If a <a href="#">Web page</a> can be <a href="#">navigated sequentially</a> and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability..<br/> <b>(Level A)</b></p>   | Fail (H)     |



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| <b>Link Purpose (In Context):</b><br><b>2.4.4</b> The <a href="#">purpose of each link</a> can be determined from the link text alone or from the link text together with its <a href="#">programmatically determined link context</a> , except where the purpose of the link would be <a href="#">ambiguous to users in general</a> .<br><b>(Level A)</b>  | Pass (H)     |
| <b>Multiple Ways:</b><br><b>2.4.5</b> More than one way is available to locate a <a href="#">Web page</a> within a <a href="#">set of Web pages</a> except where the Web Page is the result of, or a step in, a <a href="#">process</a> .<br><b>(Level AA)</b>  | Pass (M)     |
| <b>Headings and Labels:</b><br><b>2.4.6</b> Headings and <a href="#">labels</a> describe topic or purpose.<br><b>(Level AA)</b>   | Fail (M)     |
| <b>Focus Visible:</b><br><b>2.4.7</b> Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible.<br><b>(Level AA)</b>  | Fail (M)     |
| <b>Location:</b><br><b>2.4.8</b> Information about the user's location within a <a href="#">set of Web pages</a> is available.<br><b>(Level AAA)</b>  | Out of scope |
| <b>Link Purpose (Link Only):</b><br><b>2.4.9</b> A <a href="#">mechanism</a> is available to allow the purpose of each link to be identified from link text alone, except where the purpose of the link would be <a href="#">ambiguous to users in general</a> .<br><b>(Level AAA)</b>  | Out of scope |
| <b>Section Headings:</b><br><b>2.4.10</b> <a href="#">Section</a> headings are used to organize the content.<br><b>Note:</b> "Heading" is used in its general sense and includes titles and other ways to add a heading to different types of content.<br><b>Note:</b> This success criterion covers sections within writing, not <a href="#">user interface components</a> . User interface components are covered under <a href="#">Success Criterion 4.1.2</a> .<br><b>(Level AAA)</b> | Out of scope |
| <b>Focus Not Obscured (Minimum): (WCAG 2.2)</b><br><b>2.4.11</b> When a <a href="#">user interface component</a> receives keyboard focus, the component is not entirely hidden due to author-created content.<br><b>(Level AA) [New 2.2]</b>  | Pass (M)     |
| <b>Focus Not Obscured (Enhanced): (WCAG 2.2)</b><br><b>2.4.12</b> When a user interface component receives keyboard focus, no part of the component is hidden by author-created content.<br><b>(Level AAA) [New 2.2]</b>  | Out of scope |



**Focus Appearance: (WCAG 2.2)**

**2.4.13** When the keyboard [focus indicator](#) is visible, one or both of the following are true:

1. The entire [focus indicator](#) meets all the following:
  - encloses the user interface component or sub-component that is focused, and
  - has a contrast ratio of at least 3:1 between the same pixels in the focused and unfocused states, and
  - has a contrast ratio of at least 3:1 against adjacent non-focus-indicator colors.
2. An area of the focus indicator meets all the following:
  - is at least as large as the area of a 1 [CSS pixel](#) thick [perimeter](#) of the unfocused component or sub-component, or is at least as large as a 4 CSS pixel thick line along the shortest side of the [minimum bounding box](#) of the unfocused component or sub-component, and
  - has a contrast ratio of at least 3:1 between the same pixels in the focused and unfocused states, and
  - has a contrast ratio of at least 3:1 against adjacent non-focus-indicator colors, or is no thinner than 2 CSS pixels.

**Exceptions:**

- The focus indicator is determined by the user agent and cannot be adjusted by the author, or
- The focus indicator and the indicator's background color are not modified by the author.

**Note:** What is perceived as the user interface component or sub-component (to determine enclosure or size) depends on its visual presentation. The visual presentation includes the component's visible content, border, and component-specific background. It does not include shadow and glow effects outside the component's content, background, or border.

**Note:** Examples of sub-components that may receive a focus indicator are menu items in an opened drop-down menu, or focusable cells in a grid.

**Note:** Contrast calculations can be based on colors defined within the technology (such as HTML, CSS and SVG). Pixels modified by user agent resolution enhancements and anti-aliasing can be ignored.

**(Level AAA) [New 2.2]**

**Out of scope**



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| <p><b>Pointer Gestures:</b><br/> <a href="#">2.5.1</a> All <a href="#">functionality</a> that uses multipoint or path-based gestures for operation can be operated with a <a href="#">single pointer</a> without a path-based gesture, unless a multipoint or path-based gesture is <a href="#">essential</a>.</p> <p><b>Note:</b> This requirement applies to web content that interprets pointer actions (i.e. this does not apply to actions that are required to operate the user agent or assistive technology).</p> <p><b>(Level A)</b></p>  | <p>Pass (H)</p> |
| <p><b>Pointer Cancellation:</b><br/> <a href="#">2.5.2</a> For <a href="#">functionality</a> that can be operated using a <a href="#">single pointer</a>, at least one of the following is true:</p> <ul style="list-style-type: none"> <li>• <b>No Down-Event</b><br/> The <a href="#">down-event</a> of the pointer is not used to execute any part of the function;</li> <li>• <b>Abort or Undo</b><br/> Completion of the function is on the <a href="#">up-event</a>, and a <a href="#">mechanism</a> is available to abort the function before completion or to undo the function after completion;</li> <li>• <b>Up Reversal</b><br/> The up-event reverses any outcome of the preceding down-event;</li> <li>• <b>Essential</b><br/> Completing the function on the down-event is <a href="#">essential</a>.</li> </ul> <p><b>Note:</b> Functions that emulate a keyboard or numeric keypad key press are considered essential.</p> <p><b>Note:</b> This requirement applies to web content that interprets pointer actions (i.e. this does not apply to actions that are required to operate the user agent or assistive technology).</p> <p><b>(Level A)</b></p> | <p>Pass (H)</p> |
| <p><b>Label in Name:</b><br/> <a href="#">2.5.3</a> For <a href="#">user interface components</a> with <a href="#">labels</a> that include <a href="#">text</a> or <a href="#">images of text</a>, the <a href="#">name</a> contains the text that is presented visually.</p> <p><b>Note:</b> A best practice is to have the text of the label at the start of the name.</p> <p><b>(Level A)</b></p>   | <p>Pass (H)</p> |



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| <p><b>Motion Actuation:</b><br/> <a href="#">2.5.4 Functionality</a> that can be operated by device motion or user motion can also be operated by <a href="#">user interface components</a> and responding to the motion can be disabled to prevent accidental actuation, except when:</p> <ul style="list-style-type: none"> <li>• <b>Supported Interface</b><br/> The motion is used to operate functionality through an <a href="#">accessibility supported</a> interface;</li> <li>• <b>Essential</b><br/> The motion is <a href="#">essential</a> for the function and doing so would invalidate the activity.</li> </ul> <p><b>(Level A)</b></p>  | <p><b>Not Applicable (N/A)</b></p> |
| <p><b>Target Size (Enhanced)</b><br/> <a href="#">2.5.5</a> The size of the <a href="#">target</a> for <a href="#">pointer inputs</a> is at least 44 by 44 <a href="#">CSS pixels</a> except when:</p> <ul style="list-style-type: none"> <li>• <b>Equivalent</b><br/> The target is available through an equivalent link or control on the same page that is at least 44 by 44 CSS pixels;</li> <li>• <b>Inline</b><br/> The target is in a sentence or block of text;</li> <li>• <b>User Agent Control</b><br/> The size of the target is determined by the user agent and is not modified by the author;</li> <li>• <b>Essential</b><br/> A particular presentation of the target is <a href="#">essential</a> to the information being conveyed.</li> </ul> <p><b>(Level AAA)</b></p> | <p><b>Out of scope</b></p>         |
| <p><b>Concurrent Input Mechanisms :</b><br/> <a href="#">2.5.6</a> Web content does not restrict use of input modalities available on a platform except where the restriction is <a href="#">essential</a>, required to ensure the security of the content, or required to respect user settings.</p> <p><b>(Level AAA)</b></p>   | <p><b>Out of scope</b></p>         |
| <p><b>Dragging Movements: (WCAG 2.2)</b><br/> <a href="#">2.5.7</a> All functionality that uses a <a href="#">dragging movement</a> for operation can be achieved by a <a href="#">single pointer</a> without dragging, unless dragging is <a href="#">essential</a> or the functionality is determined by the user agent and not modified by the author.</p> <p><b>Note:</b> This requirement applies to web content that interprets pointer actions (i.e. this does not apply to actions that are required to operate the user agent or assistive technology).</p> <p><b>(Level AA) [New 2.2]</b></p>   | <p><b>Not Applicable (N/A)</b></p> |



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| <p><b>Target Size (Minimum): (WCAG 2.2)</b></p> <p><a href="#">2.5.8</a> The size of the <a href="#">target</a> for <a href="#">pointer inputs</a> is at least 24 by 24 <a href="#">CSS pixels</a>, except where:</p> <ul style="list-style-type: none"> <li>• <b>Spacing:</b> The target does not overlap any other target and has a <a href="#">target offset</a> of at least 24 CSS pixels to every adjacent target;</li> <li>• <b>Equivalent:</b> The function can be achieved through a different control on the same page that meets this criterion.</li> <li>• <b>Inline:</b> The target is in a sentence, or is in a bulleted or numbered list, or its size is otherwise constrained by the line-height of non-target text;</li> <li>• <b>User agent control:</b> The size of the target is determined by the user agent and is not modified by the author;</li> <li>• <b>Essential:</b> A particular presentation of the target is <a href="#">essential</a> or is legally required for the information being conveyed;</li> </ul> <p><b>Note:</b> Targets that allow for values to be selected spatially based on position within the target are considered one target for the purpose of the success criterion. Examples include sliders with granular values, color pickers displaying a gradient of colors, or editable areas where you position the cursor.</p> <p><b>Note:</b> For inline targets the line-height should be interpreted as perpendicular to the flow of text. For example, in a language displayed top to bottom, the line-height would be horizontal.</p> <p><b>(Level AA) [New 2.2]</b></p> | <p>Pass (M)</p> |
|--|-----------------|



## Principle 3: Understandable – Information and the operation of user interface must be understandable.

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|---|--------------|
| <b>Language of Page:</b><br><b>3.1.1</b> The default <a href="#">human language</a> of each <a href="#">Web page</a> can be <a href="#">programmatically determined</a> .<br><b>(Level A)</b>   | Pass (H)     |
| <b>Language of Parts:</b><br><b>3.1.2</b> The <a href="#">human language</a> of each passage or phrase in the content can be <a href="#">programmatically determined</a> except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text.<br><b>(Level AA)</b>      | Fail (M)     |
| <b>Unusual Words:</b><br><b>3.1.3</b> A <a href="#">mechanism</a> is available for identifying specific definitions of words or phrases <a href="#">used in an unusual or restricted way</a> , including <a href="#">idioms</a> and <a href="#">jargon</a> .<br><b>(Level AAA)</b>  | Out of scope |
| <b>Abbreviations:</b><br><b>3.1.4</b> A <a href="#">mechanism</a> for identifying the expanded form or meaning of <a href="#">abbreviations</a> is available.<br><b>(Level AAA)</b>   | Out of scope |
| <b>Reading Level:</b><br><b>3.1.5</b> When text requires reading ability more advanced than the <a href="#">lower secondary education level</a> after removal of proper names and titles, <a href="#">supplemental content</a> , or a version that does not require reading ability more advanced than the lower secondary education level, is available.<br><b>(Level AAA)</b> | Out of scope |
| <b>Pronunciation:</b><br><b>3.1.6</b> A <a href="#">mechanism</a> is available for identifying specific pronunciation of words where meaning of the words, in context, is ambiguous without knowing the pronunciation.<br><b>(Level AAA)</b>  | Out of scope |
| <b>On Focus:</b><br><b>3.2.1</b> When any <a href="#">user interface component</a> receives focus, it does not initiate a <a href="#">change of context</a> .<br><b>(Level A)</b>   | Pass (H)     |





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| <p><b>On Input:</b><br/> <a href="#">3.2.2</a> Changing the setting of any <a href="#">user interface component</a> does not automatically cause a <a href="#">change of context</a> unless the user has been advised of the behaviour before using the component.<br/> <b>(Level A)</b></p>   | Pass (H)     |
| <p><b>Consistent Navigation:</b><br/> <a href="#">3.2.3</a> Navigational mechanisms that are repeated on multiple <a href="#">Web pages</a> within a <a href="#">set of Web pages</a> occur in the <a href="#">same relative order</a> each time they are repeated, unless a change is initiated by the user.<br/> <b>(Level AA)</b></p>   | Pass (M)     |
| <p><b>Consistent Identification:</b><br/> <a href="#">3.2.4</a> Components that have the <a href="#">same functionality</a> within a <a href="#">set of Web pages</a> are identified consistently.<br/> <b>(Level AA)</b></p>  | Pass (M)     |
| <p><b>Change on Request:</b><br/> <a href="#">3.2.5</a> <a href="#">Changes of context</a> are initiated only by user request or a <a href="#">mechanism</a> is available to turn off such changes.<br/> <b>(Level AAA)</b></p>  | Out of scope |
| <p><b>Consistent Help: (WCAG 2.2)</b><br/> <a href="#">3.2.6</a> If a <a href="#">web page</a> contains any of the following help mechanisms, and those mechanisms are repeated on multiple web pages within a <a href="#">set of web pages</a>, they occur in the same relative order to other page content, unless a change is initiated by the user:</p> <ul style="list-style-type: none"> <li>• Human contact details;</li> <li>• Human contact mechanism;</li> <li>• Self-help option;</li> <li>• A fully automated contact mechanism.</li> </ul> <p><b>Note:</b> Help mechanisms may be provided directly on the page, or may be provided via a direct link to a different page containing the information.</p> <p><b>Note:</b> For this Success Criterion, the same relative order can be thought of as how the content is ordered when the page is serialized. The visual position of a help mechanism is likely to be consistent across pages for the same page variation (e.g., CSS break-point). The user can initiate a change, such as changing the page's zoom or orientation, which may trigger a different page variation. This criterion is concerned with relative order across pages displayed in the same page variation (e.g., same zoom level and orientation).<br/> <b>(Level A) [New 2.2]</b></p> | Pass (H)     |
| <p><b>Error Identification:</b><br/> <a href="#">3.3.1</a> If an <a href="#">input error</a> is automatically detected, the item that is in error is identified and the error is described to the user in text.<br/> <b>(Level A)</b></p>  | Pass (H)     |



|   |                             |
|---|-----------------------------|
| <b>Labels or Instructions:</b><br><a href="#">3.3.2 Labels</a> or instructions are provided when content requires user input.<br><b>(Level A)</b>   | <b>Fail (H)</b>             |
| <b>Error Suggestion:</b><br><a href="#">3.3.3</a> If an <a href="#">input error</a> is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content.<br><b>(Level AA)</b>  | <b>Pass (M)</b>             |
| <b>Error Prevention (Legal, Financial, Data):</b><br><a href="#">3.3.4</a> For <a href="#">Web pages</a> that cause <a href="#">legal commitments</a> or financial transactions for the user to occur, that modify or delete <a href="#">user-controllable</a> data in data storage systems, or that submit user test responses, at least one of the following is true: <ul style="list-style-type: none"> <li>• <b>Reversible:</b> Submissions are reversible.</li> <li>• <b>Checked:</b> Data entered by the user is checked for <a href="#">input errors</a> and the user is provided an opportunity to correct them.</li> <li>• <b>Confirmed:</b> A <a href="#">mechanism</a> is available for reviewing, confirming, and correcting information before finalizing the submission.</li> </ul> <b>(Level AA)</b> | <b>Not Applicable (N/A)</b> |
| <b>Help:</b><br><a href="#">3.3.5 Context-sensitive help</a> is available.<br>Provide instructions and cues in context to help inform completion and submission.<br><b>(Level AAA)</b>  | <b>Out of scope</b>         |
| <b>Error Prevention (All):</b><br><a href="#">3.3.6</a> For <a href="#">Web pages</a> that require the user to submit information, at least one of the following is true: <ul style="list-style-type: none"> <li>• <b>Reversible</b><br/>Submissions are reversible.</li> <li>• <b>Checked</b><br/>Data entered by the user is checked for input errors and the user is provided an opportunity to correct them.</li> <li>• <b>Confirmed</b><br/>A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission.</li> </ul> <b>(Level AAA)</b>   | <b>Out of scope</b>         |



|  |                            |
|--|----------------------------|
| <p><b>Redundant Entry: (WCAG 2.2)</b><br/> <a href="#">3.3.7</a> Information previously entered by or provided to the user that is required to be entered again in the same <a href="#">process</a> is either:</p> <ul style="list-style-type: none"> <li>• auto-populated, or</li> <li>• available for the user to select.</li> </ul> <p><b>Except when:</b></p> <ul style="list-style-type: none"> <li>• re-entering the information is <a href="#">essential</a>,</li> <li>• the information is required to ensure the security of the content, or</li> <li>• previously entered information is no longer valid.</li> </ul> <p><b>(Level A) [New 2.2]</b></p>   | <p><b>Pass (H)</b></p>     |
| <p><b>Accessible Authentication: (WCAG 2.2)</b><br/> <a href="#">3.3.8</a> A <a href="#">cognitive function test</a> (such as remembering a password or solving a puzzle) is not required for any step in an authentication process unless that step provides at least one of the following:</p> <ul style="list-style-type: none"> <li>• <b>Alternative:</b> Another authentication method that does not rely on a cognitive function test.</li> <li>• <b>Mechanism:</b> A mechanism is available to assist the user in completing the cognitive function test.</li> <li>• <b>Object Recognition:</b> The cognitive function test is to recognize objects.</li> <li>• <b>Personal Content:</b> The cognitive function test is to identify non-text content the user provided to the website.</li> </ul> <p><b>Note:</b> "Object recognition" and "Personal content" may be represented by images, video, or audio.</p> <p><b>Note:</b> Examples of mechanisms that satisfy this criterion include:</p> <ol style="list-style-type: none"> <li>1. support for password entry by password managers to reduce memory need, and</li> <li>2. copy and paste to reduce the cognitive burden of re-typing.</li> </ol> <p><b>(Level AA) [New 2.2]</b></p> | <p><b>Pass (M)</b></p>     |
| <p><b>Accessible Authentication (Enhanced): (WCAG 2.2)</b><br/> <a href="#">3.3.9</a> A <a href="#">cognitive function test</a> (such as remembering a password or solving a puzzle) is not required for any step in an authentication process unless that step provides at least one of the following:</p> <p><b>Alternative:</b> Another authentication method that does not rely on a cognitive function test.</p> <p><b>Mechanism:</b> A mechanism is available to assist the user in completing the cognitive function test.</p> <p><b>(Level AAA) [New 2.2]</b></p>  | <p><b>Out of scope</b></p> |



## Principle 4: Robust – Content must be robust enough that it can be interpreted reliably by a wide variety of user agents, including assistive technologies

### Parsing: WCAG 2.2

[4.1.1](#) In content implemented using mark-up languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features.

**Note:** Start and end tags that are missing a critical character in their formation, such as a closing angle bracket or a mismatched attribute value quotation mark are not complete.

**(Level A) [Changed 2.2]**

### **Note: Change in 2.2: Obsolete and removed**

This criterion was originally adopted to address problems that Assistive Technology had directly parsing HTML. Assistive Technology no longer has any need to directly parse HTML and, consequently, these problems no longer exists. Accessibility errors failed by this criterion also fail other criteria. This criterion no longer has utility and is removed; the reference has been left for historical purposes to show the original intent.

**Note:** This criterion has been removed from WCAG 2.2. In [WCAG 2.1 and 2.0, Success Criterion 4.1.1 Parsing](#) should be considered as **always satisfied** for any content using HTML or XML.

Pass (H)

### Name, Role, Value:

[4.1.2](#) For all [user interface components](#) (including but not limited to: form elements, links and components generated by scripts), the [name](#) and [role](#) can be [programmatically determined](#); states, properties, and values that can be set by the user can be [programmatically set](#); and notification of changes to these items is available to [user agents](#), including [assistive technologies](#).

**Note:** This success criterion is primarily for Web authors who develop or script their own user interface components. For example, standard HTML controls already meet this success criterion when used according to specification.

**(Level A)**

Pass (H)

### Status Messages

[4.1.3](#) In content implemented using markup languages, [status messages](#) can be [programmatically determined](#) through [role](#) or properties such that they can be presented to the user by [assistive technologies](#) without receiving focus.

**(Level AA)**

Not  
Applicable  
(N/A)



### The Process

The service is measured against the Web Accessibility Initiative's (WAI) Web Content Accessibility Guidelines 2.2 to give an accurate feedback on any non-compliant issues. To attain our accreditation all A and AA criteria must be achieved.

To give a more accurate review of the service the DAC team employ two differing testing processes.

The first is a manual technical audit using automated tools and the second a dedicated team of user testers with differing disabilities test using a range of adaptive technologies. The findings of both testing teams are then combined to give the client far more accurate feedback on the service.

By using the testing team in conjunction with an automated procedure a more accurate set of results are made available.

This report combines technical auditing with disabled user feedback. The test does not list each specific area that requires change but highlights patterns of problems where they exist. Each section of the report includes a qualifying statement of pass, fail or recommendation to help developers quickly identify which parts of the service need the most urgent attention.



## CRITERIA

### High Priority

The digital product has one or more issues that urgently need remediation. There will be a list of actions that the developers need to address to make sure that the product is functional for users of assistive technology.

### Medium Priority

The digital product has one or more issues that need remediation before meeting the WCAG 2.2 AA Standard. There will be a list of actions that the developers need to address to make sure that the product meets the expectations of the DAC testing team.

### Low Priority

The digital product has one or more issues that would cause minor barriers to users of assistive technology. While not necessary to meet the WCAG 2.2 AA Standard, these issues affect users negatively and should be remediated.

### Usability

The digital product may have one or more issues that could cause minor difficulties to users of assistive technology. While not necessary to meet the WCAG 2.2 AA Standard, these issues were found to hinder users.



## **DAC Testing Procedure**

The service is tested by a team of experienced auditors and analysts, many of who are disabled individuals and users of adaptive technology. The combination of subjective pan-disability user feedback and comprehensive technical auditing allows us to measure how the service performs technically and practically, thereby offering an essential added dimension to our test results that other methods of testing cannot provide.

### **User Testing**

Manual accessibility checking was conducted by a team of disabled individuals, using a range of adaptive technologies (hardware and software designed to facilitate the use of computers by people with disabilities). This may include:

**NVDA:** a screen reader and application used by those who are blind.

**ZoomText:** a magnification application used by those with low vision.

**JAWS:** a screen reader used by blind people to access pages.

**Dragon Naturally Speaking:** voice activated software used by those that do not use a conventional input device such as a keyboard or mouse.

**Switch Access:** used by those with severe mobility impairments to input commands to a computer.

**Keyboard Only:** some users with mobility impairments have difficulty making precise movements required by pointing devices such as a mouse; therefore, a keyboard is used as the exclusive input device.

**Readability:** Manual checks were made to assess the suitability of a page for those with colour blindness and dyslexia.

**Deaf/Hard of hearing:** Manual checks were made to assess the suitability of a page for those with hearing impairments.

**Learning difficulties:** Manual checks were made to assess the suitability of a page for those with learning difficulties.

**Reflow:** tests with screen size of 1280 x 1024px, at 400% browser magnification

**Text Spacing:** tests with larger Line height, and larger Paragraph, Word and Letter spacing.

### **Technical Auditing**

Technical auditing involves the experienced application of a number of technical auditing and standards compliance assessment tools. This combined with an extensive knowledge of WCAG, its application and wider global practice provides the DAC service with further credibility and quality.



## Appendix IV

The issues in the table below have been retested and found to have been fixed or no longer applicable.

### Retest 1

| Issue ID                               | Date Tested | Checked By | Additional Notes                        |
|--|-------------|------------|---|
| DAC_Structure_and_Relationship_01      | 21/05/24    | KM         |   |
| DAC_Non-Text_Contrast_01               | 21/05/24    | KM         |   |
| DAC_Language_of_Parts_01               | 21/05/24    | KM         |   |
| DAC_Links_New_Window_01                | 21/05/24    | KM         |   |
| DAC_Reflow_01                          | 21/05/24    | KM         |   |
| DAC_Reflow_02                          | 21/05/24    | KM         |   |
| DAC_Headings_and_Labels_05             | 21/05/24    | KM         |   |
| DAC_Usability_Ambiguous_Page_Titles_01 | 21/05/24    | KM         |   |
| DAC_Structure_and_Relationship_02      | 21/05/24    | KM         |   |
| DAC_Expandable_Content_01              | 21/05/24    | KM         |   |
| DAC_Inappropriate_use_of_ARIA_01       | 21/05/24    | KM         |   |
| DAC_Non-text_Content_01                | 21/05/24    | KM         |   |
| DAC_Language_of_Parts_02               | 21/05/24    | KM         |   |
| DAC_Headings_and_Labels_01             | 21/05/24    | KM         |   |
| DAC_Labels_or_Instructions_01          | 21/05/24    | KM         |   |
| DAC_Structure_and_Relationship_03      | 21/05/24    | KM         |   |
| DAC_Label_In_Name_01                   | 21/05/24    | KM         |   |
| DAC_Headings_and_Labels_06             | 21/05/24    | KM         |   |
| DAC_Reflow_03                          | 21/05/24    | KM         |   |
| DAC_Contrast_Minimum_01                | 21/05/24    | KM         |   |
| DAC_Reflow_04                          | 22/05/24    | KM         |   |
| DAC_Contrast_Minimum_02                | 22/05/24    | KM         | Obsolete outside of testing environment |
| DAC_Headings_and_Labels_03             | 22/05/24    | KM         |   |
| DAC_Headings_and_Labels_04             | 22/05/24    | KM         |   |
| DAC_Focus_Appearance_01                | 22/05/24    | KM         | Obsolete outside of testing environment |





| Issue ID                            | Date Tested | Checked By | Additional Notes  |
|-------------------------------------|-------------|------------|-------------------|
| Issue ID: DAC_Usability_Landmark_01 | 22/05/24    | DR         |                   |
| DAC_Usability_Button_Style_01       | 22/05/24    | DR         | No longer present |

