

zetoc Website Accessibility Project

1. Aim

- To make all **information pages** AA accessible, and if possible AAA accessible
- To make all information pages xhtml transitional
- To document any problems in implimenting accessibility
- To document outstanding actions

2. Methods

Every effort has been made to conform to accessibility standards. W3C guidelines and LIFT accessibility guidelines have been followed, except in instances where the guidelines do not take account of the specific context.

Accessibility checks were made using:

- Dreamweaver
- LIFT (in Dreamweaver)
- Bobby
- W3C html validation tool
- Homepage Reader audio browser
- Various versions of Internet Explorer and Netscape as well as Opera and Lynx browsers
- General experience and various internet resources

3. General changes

- All pages have a Doctype declaration, namespace and language declaration
- Full Dublin Core metadata has been included
- Layout tables have been replaced with div tags in order to separate content and presentation
- Skip tags have been used for the main menu
- All presentation tags removed and stylesheet used
- Headings have been properly used and nested correctly
- The navigation bar and trailer are now 'includes', for ease of updating
- Tags such as acronym, title and name tags have been included where appropriate

4. Record of accessibility and validation for individual pages

This is a record for the zetoc information pages. It does not include the application itself.

page	Validation: W3C (x)html validator	AA compliant: (Info pages AAA compliant except for whitespace used to separate menu items)	
MENU PAGES			
index	Yes	Yes	
faq	Yes	Yes	
about	Yes	Yes	
support	Yes	Yes	
Z39.50	Yes	Yes	
news/ index	Yes	Yes	
OTHER STATIC			
main.css	CSS validated		
alertguide	Yes	Yes	updated, changing some hyperlinks and adding reference to noframes version.
Alertguidepf	Yes	Yes	
Alerthelp	Yes	Yes.	
blalertcopy	Yes	Yes	
blcopyright	Yes	Yes	
briefhelp	Yes	Yes	
customisingzeto c.html	Yes	Yes	
endnote	Yes	Yes	
feedback - thanks	Yes	Yes	
feedback	Yes	Yes.	Placeholder text has been added in line with WAI Priority 3 guideline (10.4)
fullhelp	Yes	Yes	

glossary	Yes	Yes	
help-cookies	Yes	Yes	
ILLinstructions	Yes	Yes	
ILLcopyright	Yes	Yes	
ILLform	Yes	Yes*	Except includes border=0.
ILLlocal	Yes	Yes*	Except includes border=0.
jnllist	Yes	Yes	script tag commented out – not in use at present *onmouseover remains implemented, as is not part of functionality, so does not fail on accessibility (checkpoint 9.3). *placeholder text added (checkpoint 10.4)
loans.html	Yes	Yes	
News/23jan2003	Yes	Yes	
News/6jan2003	Yes	Yes	
News/4Nov2002	Yes	Yes.	
News/16may 2002	Yes	Yes	
News/25sept2001	Yes	Yes	
News/9jul2001	Yes	Yes	
News/1dec2000	Yes	Yes	
News/29sept2000	Yes	Yes	
News/16oct2000	Yes	Yes	
News/26sept2000	No	Yes	
openURL-tgt.html	Yes	Yes	
plan.html	Yes	No	Data tables mark-up should be improved, but tables not complex, so has basic accessibility.
pressrelease	Yes	Yes	

procite	Yes	Yes	
progreps (5 pages)	No	No	Not integral part of info pages but ideally remedy this. Are Word pages converted to html.
quickguide	Yes	Yes	
question.html	Yes	Yes*	* except has one border tag for skip
refman	Yes	Yes	
refmandetailed	Yes	Yes	
searchhelp	Yes	Yes	
/stats (index)	Yes	Yes	main summaries and summaries for 2003 now validate as HTML 4.01 trans
/stats/yyyyenquiries.html	Yes	Yes	
subs	Yes	Yes	
terms	Yes	Yes	
workbook	Yes	Yes	
2002enquiries.html	Yes	Yes	D link used to explain graph

5. Actions

XHTML

Information pages checked with validator to conform to XHTML Transitional, with no errors (<http://validator.w3.org/>)

We do not use a consistent markup language for the whole service, as the application uses HTML 4.01 transitional and the information pages use XHTML transitional. In the application pages, end tags for , <th> and <td> are often omitted. This is acceptable in HTML, but not in XHTML.

Browser accessibility checks

Colours, colour contrast, colour blindness, font styles, font sizes, stylesheet off, linearized, resolution

Browsers used for checking

IE5, 5.5, Netscape 4.08; Netscape 6.2; Netscape 3; Opera 6.2; HomePage Reader (see below), Lynx (without images)

Home Page Reader (audio browser)

HPR has been used to navigate around zetoc and to set up an alert. There are problems using HPR to access the full text article (via the OpenURL Resolver). This issue has not been further investigated in this project.

Layout tables

Layout table tags replaced with div tags to position a left-hand menu and then position the main body text (using floatmenu, floatitem, bodytext)

Frames

Frames are titled and a non frames version is available.

Metadata

Full Dublin Core metadata included, with subject and description included on most pages.
Page created date and page updated date used. Contributor used for last person editing the page.
Entries changed to lower case in line with new guidelines.

Other

Skip used for menu items, with one pixel image used to jump to content
Acronym tags have been added.
Link text is not used for different URL's on the same page.

Images

- Alt tag used
- No longdesc currently used (not necessary), one D link for stats graph
- Border tag replaced with stylesheet attribute for images, but still used for skip (problem viewing in Netscape 4) – should eventually replace this
- For Netscape 4, needed to use a float for the zetoc image so that the headers aligned correctly (to the left of the image rather than underneath)
- Image sizes given
- Width and height attributes have been introduced for the images linking to search and alert (width=109, height=84).
- Netscape 4.08 and Opera joined the images for search and alert together – this has been resolved by putting a transparent border around the images.

6. Outstanding actions and issues

Adjacent links

In order to fulfil WAI Guideline 10.5 (Priority 3), adjacent links should be rendered distinctly, including non-link, printable characters (surrounded by spaces) between adjacent links.

This can be done by making menu items a list, and specifying that the bullets are not displayed in the stylesheet. There are problems displaying this in different browsers.

Borders

The border tag remains for the one pixel image used in skip. This is because Netscape 4 does not recognise the noborder attribute in a stylesheet.

Scripts should have noscript tags (P1)

Javascript is only used for the onmouseover attribute, which provides extra display features, but does not add to the functionality. The navigation and functionality within zetoc does not require javascript. There are no accessibility issues associated with using scripts, programmic objects, applets, etc.
Noscript tags could be added, but in this instance they are not really necessary.

Headers for zetoc full record page should be <th> tags (P1)

Field names so that they are identified as headers. This would make them bold, though they could be changed to non bold by using the stylesheet. We do have markup to associate headers with rows.

Properly nested headings (P2)

Strictly speaking, zetoc should use H1, H2 and H3 in hierarchy. There are some pages where the main heading is H1 and sub-heading is H3, but it should be H2

Pop up windows (P2)

We still have a pop up window for the zetoc alert help page whereas others are not. Guidelines state that pop up windows should not be used, and though sometimes they may be useful, here they are not necessary.

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