

# Welcome to the AccessibilityOnline Webinar Series



A collaborative program between the  
ADA National Network and the  
U.S. Access Board

The Session is Scheduled to begin at 2:30pm Eastern Time  
We will be testing sound quality periodically

Audio and Visual are provided through the on-line webinar system. This session is closed captioned. Individuals may also listen via telephone by dialing 1-712-432-3100 code 930098 (This is **not** a Toll Free number)

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[www.AccessibilityOnline.org](http://www.AccessibilityOnline.org)

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## Listening to the Webinar



- ▶ The audio for today's webinar is being broadcast through your computer. Please make sure your speakers are turned on or your headphones are plugged in.
- ▶ You can control the audio broadcast via the Audio & Video panel. You can adjust the sound by "sliding" the sound bar left or right.
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## Listening to the Webinar, *continued*



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930098

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## Listening to the Webinar, *continued*



MOBILE Users (iPhone, iPad, or Android device and Kindle Fire HD)

Individuals may listen\*\* to the session using the Blackboard Collaborate Mobile App (Available Free from the Apple Store, Google Play or Amazon )



\*\*Closed Captioning is not visible via the Mobile App and limited accessibility for screen reader/Voiceover users

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## Captioning



- ▶ Real-time captioning is provided during this webinar.
- ▶ The caption screen can be accessed by choosing the  icon in the Audio & Video panel. ↓  

- ▶ Once selected you will have the option to resize the captioning window, change the font size and save the transcript.

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## Web Tour



- ▶ Today's session will be utilizing the "web tour" feature within Blackboard Collaborate Web Conferencing.
  - The presenter will **navigate the website for you**. Participants are asked not to use your mouse to follow any links on the website and/or scroll up or down the page.
  - Participants using Screen Readers will be able to read the content of the web page and should refrain from activating any links on the page. The presenter will orient participants to the content on each page that will be the focus of the presentation.
- ▶ **Screen Reader Users** - When the web tour ends screen readers will not have focus in the webinar room.
  - Screen reader users will need to navigate away from the webinar window and then navigate back into the webinar room.
  - If the above steps are not completed the screen reader likely will not function correctly in the webinar room

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## Submitting Questions



- ▶ You may type and submit questions in the Chat Area Text Box or press Control-M and enter text in the Chat Area
- ▶ If you are connected via a mobile device you may submit questions in the chat area within the App
- ▶ If you are listening by phone and not logged in to the webinar, you may ask questions by emailing them to [webinars@accessibilityonline.org](mailto:webinars@accessibilityonline.org)



*Please note:* This webinar is being recorded and can be accessed on the AccessibilityOnline website at [www.accessibilityonline.org/Archives](http://www.accessibilityonline.org/Archives) within 24 hours after the conclusion of the session.

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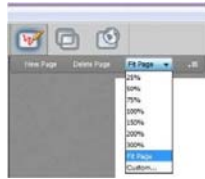
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## Customize Your View



- ▶ Resize the Whiteboard where the Presentation slides are shown to make it smaller or larger by choosing from the drop down menu located above and to the left of the whiteboard. The default is “fit page”



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## Customize Your View *continued*



- ▶ Resize/Reposition the Chat, Participant and Audio & Video panels by “detaching” and using your mouse to reposition or “stretch/shrink”. Each panel may be detached using the  icon in the upper right corner of each panel.

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## Technical Assistance



▶ If you experience any technical difficulties during the webinar:

1. Send a private chat message to the host by double clicking "Great Lakes ADA" in the participant list. A tab titled "Great Lakes ADA" will appear in the chat panel. Type your comment in the text box and "enter" (Keyboard - F6, Arrow up or down to locate "Great Lakes ADA" and select to send a message ); or
2. Email [webinars@accessibilityonline.org](mailto:webinars@accessibilityonline.org) ; or
3. Call 877-232-1990 (V/TTY)

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# Section 508 – Accessible Web Content (WCAG 2.0)

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## Presenter



Bruce Bailey  
U.S. Access Board

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## Session Agenda

- Introduction
- Update on 508 Refresh
- Trends in Web Accessibility Standards
- WCAG Overview
- Q & A

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## Access Board Overview

- Agency authority and structure
- Develop and maintain design criteria
  - Built Environment
  - Transit Vehicles
  - Telecommunications Equipment
  - *Electronic and Information Technology*
- Provide Technical Assistance and Training

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## 508 Refresh Big Picture

- Big Change:
  - More Documents, More of the Time, for More People
    - Full scope TBD
  - ANRPM December 2011
  - NPRM soon...
- Direct Reference to WCAG 2.0
  - Level A and AA Success Criteria provide metrics
  - ANRPM proposed to applies WCAG SC to:
    - Web Content
    - Web Applications
    - Software
    - Documents

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## What's wrong with current 508?

- Product categorization obsolete
  - Convergence of technology
  - New technologies
- Some parts inadequate
  - Documents are covered, but technical criteria are specific to HTML
  - Many provisions read like performance standards rather than technical criteria
  - Some issues important to end-users not well covered
- Some parts actually counter-productive
  - Web pages required to work without CSS

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## What to do now?

- Agencies should be thinking ahead to when a final rule is issued.
- Agencies should begin to get familiar with WCAG 2.0.
- Besides our rulemaking, there is a movement toward a more universal web accessibility standard
  - Web Content Accessibility Guidelines (WCAG)
- What if an agency or developer wants to start using WCAG 2.0?

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## Equivalent Facilitation

- The *current* 508 Standards *already* allow for “**equivalent facilitation**” (1194.5).
  - Nothing in this part is intended to prevent the use of designs or technologies as alternatives to those prescribed in this part provided they result in substantially equivalent or greater access to and use of a product for people with disabilities.

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## Trends in Web Accessibility Standards

- WCAG 2.0 is a W3C standard
  - Finalized in December 2008
  - Long and public vetting process
- Already in used in several countries
  - Canada, Australia, New Zealand
  - Translated into several languages
- Besides our rulemaking, there is a movement toward this universal web accessibility standard

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## EU Mandate 376

- The European Union is moving toward adoption of WCAG 2.0
  - <http://www.mandate376.eu/>
  - Three European standards organizations to harmonize
  - Charge to facilitate the public procurement of accessible information and communication technologies (ICT) products and services within Europe
- Final standard for targeted for February 2014
  - Draft July 31, 2012
  - “Final” draft December 5, 2012

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## Health and Human Services

- HHS Office of the National Coordinator for Health Information Technology
  - September 2012
  - Interim Final Rule
- Links:
  - <http://www.hhs.gov/news/press/2012pres/08/20120823b.html>
  - <http://federalregister.gov/a/2012-20982>

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## Department of Transportation

- Non-Discrimination on the Basis of Disability in Air Travel: Accessibility of Web Sites and Automated Kiosks at U.S. Airports
  - NPRM September 26, 2011
  - U.S. and foreign carriers marketing air transportation to the general public in the U.S.
  - WCAG 2.0 Level Double A
- Links:
  - <http://www.regulations.gov/#!docketDetail;D=DOT-OST-2011-0177>
  - <http://regulationroom.org/air-travel-accessibility/agency-documents/snprm/>

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## Department of Justice

- Accessibility of Web Information and Services of State and Local Government Entities and Public Accommodations
  - ANPRM July 2010
  - Asked question about which standards to use: WCAG 2.0 or Section 508 standards?
- Links:
  - <http://federalregister.gov/a/2010-18334>
  - <http://www.regulations.gov/#!docketDetail;D=DOJ-CRT-2010-0005>

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## WCAG Walkthrough Overview

- Document organization
- First impression cautions
- Features
  - Linked Resources
- Highlight things WCAG covers that 508 misses
  - “result in substantially equivalent or greater access”

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**Conclusion:  
WCAG 20 vs. current 508**

- There are important success criteria not addressed by 508 provisions
- Hyperlinked on-line resources associated with WCAG are quite impressive!
- Success criteria are more detailed, more precise, more objectively testable than 508 provisions

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**Questions?**

You may type and submit questions in the  
Chat Area Text Box or press Control-M  
and enter text in the  
Chat Area

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**Web Pages Visited During This Session**

- Web Content Accessibility Guidelines (WCAG) 2.0  
– <http://www.w3.org/TR/WCAG/>
- Understanding Success Criterion 1.3.1 | Understanding WCAG 2.0  
– <http://www.w3.org/TR/UNDERSTANDING-WCAG20/content-structure-separation-programmatic.html>
- H51: Using table markup to present tabular information  
– <http://www.w3.org/TR/WCAG20-TECHS/H51>

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## U.S. Access Board

(800) 872-2253 (voice)

(800) 993-2822 (TTY)

E-mail: [ta@access-board.gov](mailto:ta@access-board.gov)

[www.access-board.gov](http://www.access-board.gov)

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Thank you for participating  
in today's webinar



Next session:

*Accessible Transportation Facilities*

August 1, 2013

2:30 - 4:00 (ET)

[www.accessibilityonline.org](http://www.accessibilityonline.org)

(877) 232-1990 (v/TTY)

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