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

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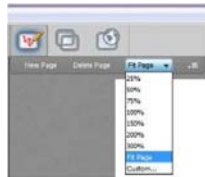
6

Customize Your View

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Customize Your View *continued*

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  – Select "Edit" from the tool bar at the top of your screen
  – From the drop down menu select "Preferences"
  – Scroll down to "General"
    • select "Audible Notifications"   Uncheck anything you don't want to receive and "apply"
    • Select "Visual Notifications" Uncheck anything you don't want to receive and "apply"
  – For Screen Reader User – Set preferences through the setting options within the Activity Window (Ctrl+slash opens the activity window)

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Technical Assistance

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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 ; or
3. Call 877-232-1990 (V/TTY)

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Open Question and Answer Session

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Presenters

Melissa Anderson

Tim Creagan

Marsha Mazz

Rex Pace

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Session Agenda

- **Response to previously submitted questions**
- **Open Q & A**

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Topics

- **Public Rights of Way**
- **Transportation**
- **Tolerances**
- **Accessible Routes/Parking**
- **Plumbing Elements and Features**
- **Signage**
- **Assistive Listening Systems**
- **Residential/ Transient Lodging**
- **ABA Compliance**
- **Historic preservation**
- **Section 508**

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Public Rights of Way

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Rulemaking Update

- **Next Steps –**
  - **Final Board approval**
  - **Submit to Office of Management and Budget for review**
- **Publish Final Rule – 2014?**
- **Adoption by DOJ and DOT**

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PAR vs. SUP vs. Trails

**Pedestrian Access Route
Pedestrians only**

**Trail
Pedestrian
(Recreation)**

**Shared Use Path
Pedestrians and Bikes
(Recreation & Transportation)**

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Accessible Trail Surfaces

**National Trails Surface
Study**

Loose surface materials:

- **Generally need special treatment (e.g., binders, consolidants, compaction, and grid forms)**
- **Frequent maintenance**

  NCA's website - http://www.ncaonline.org/

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Pedestrian Access Route Intersections

Transition point with accessible route from a building - 2% max. cross slope on each

19

Pedestrian Access Route

Minimum clear width – Standards vs. PROWAG vs. Local Policy

20

Developments and Private Streets

- **Privately owned with public utility and emergency access easements**
- **Requirements for slope of pedestrian access routes**
- **If not covered, what is required?**

21

Alterations and Project Scope Restriping of *Crosswalks*

What's required??

22

On-street Parking/Access Aisles

Access Aisle outside the Vehicular Way
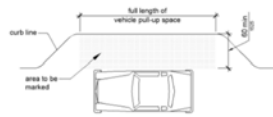
23

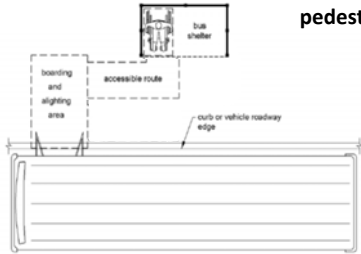**Bus Stops and Shelters**

• **Wheelchair clear space – 30"x 48" min. at one end of a seat or not overlapping the area 18 inches from the front edge of the seat**

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Transit Connections

- **Accessible route connections to shelter**
- **Connection to other pedestrian facilities**

bus shelter

boarding and alighting area

accessible route

curb or vehicle roadway edge

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Transportation

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Zoo/Park Trains

Transportation Facility?

Transportation Vehicle?
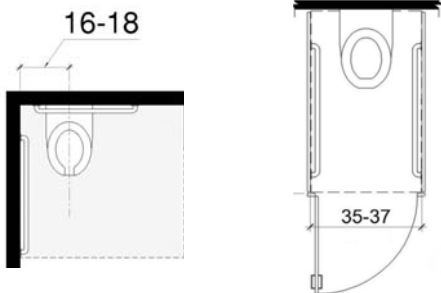
Accessibility required?

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Tolerances

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Dimensional Tolerances (104.1.1)

"All dimensions are subject to conventional industry tolerances except where the requirement is stated as a range with specific minimum and maximum end points."
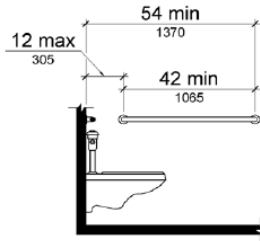
29

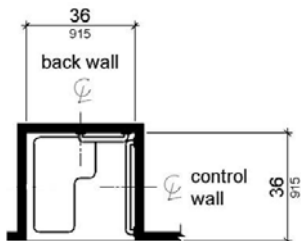---

Dimensions with "Specific" Ranges No Tolerance

16-18

35-37

30

Dimensions without "Specified" End Points

54 min
1370

12 max
305

42 min
1065

31

Absolute Dimensions Tolerance Applies
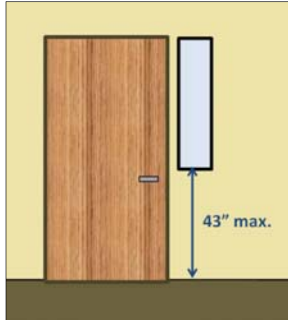
36
915
back wall

control wall

36
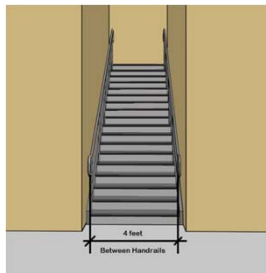915

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Accessible Routes/Parking

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Vision Lights (404.2.11)

If provided, vision lights: 43" max. AFF

(not required if bottom edge is above 66")

43" max.

34

Stair Handrails

- Stairs at areas of refuge must be 48" wide – measured between handrails (IBC 1007.3)

- Other stairs sized according to occupant load but not less than 44" (IBC 1005.3.1 and 1009.4)

4 feet
Between Handrails

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U.S. General Services Administration Automatic Doors

§ 3.14 Facilities Standards for the Public Buildings Service

- All public entrances provided in accordance with Paragraph F206.4.1 (Public Entrances) of the ABAAS must have at least one entrance door complying with Section 404.3 (Automatic and Power-Assisted Doors and Gates).
- Where a public entrance has a vestibule with exterior and interior entrance doors, at least one exterior door and at least one interior door must comply with Section 404.3.
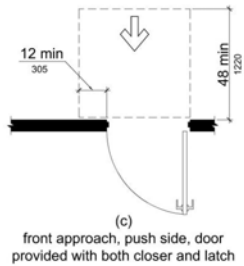
36

Janitor's Closets

Employee work area
- **< 1,000 sf – approach, enter, and exit (203.9)**
- **1,000 sf or larger – common use circulation path (206.2.8)**

37

Doors with Panic Hardware

12 min
305

48 min
1220

(c)
front approach, push side, door
provided with both closer and latch

38

Dumpsters

Employee work area
- **Approach, enter, and exit (§ 203.9)**

Associated with ADA or ABA covered dwelling units
- **Accessible entry and controls (§ 203.8)**

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Lawn Seating

Temporary, not fixed
- **§ 221 Assembly areas is the safest guide**
- **§ 221.5 requires an accessible route to lawn seating areas**
- **Program access (title II) and barrier removal (title III)**

40

Plumbing Elements and Features

41

Drinking Fountains (211)

Where provided at exterior site or floor, 2 units required (wheelchair & standing access)

- **alternative:**
  single "hi-lo" unit
- **multiple installations: 50% of each type**

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Drinking Fountains & Bottle Fillers

combination of one fountain and bottle filler not "hi-low"

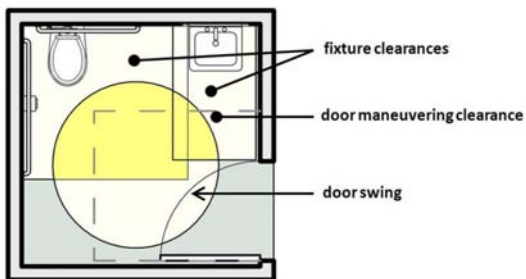**operable parts (205) - reach over obstruction considerations**

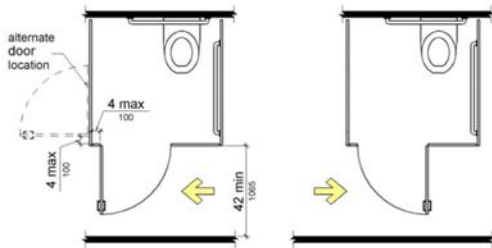43

Overlap: Clear Floor Space and Accessible Route
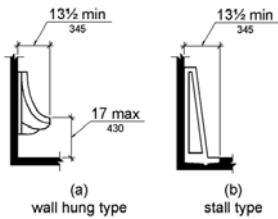
44

Overlap: Between Clear Floor Spaces

fixture clearances

door maneuvering clearance

door swing

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Toilet Stall Doors (604.8)

Location and Door Swing

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Urinals (605)

17" max. height, elongated rim
"elongated" = 13 ½" min.
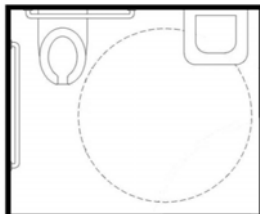

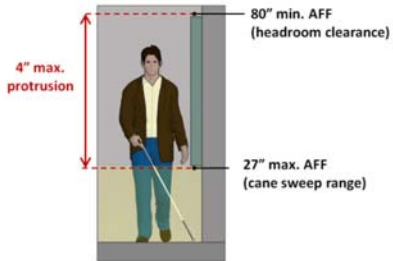(a) wall hung type   (b) stall type

47

Toilet Compartment (604.8)

Stalls with _more than 1_ plumbing fixture (includes a urinal) treated as toilet _room_

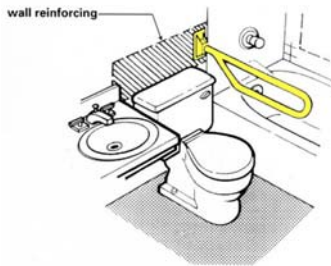**Second accessible lavatory required outside stall (213.3.4)**

48

Protruding Objects in Toilet Rooms

80" min. AFF (headroom clearance)

4" max. protrusion

27" max. AFF (cane sweep range)

49

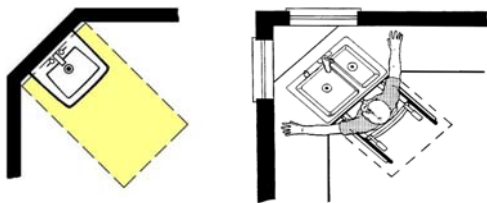## Grab Bars (609)

wall reinforcing

fold-down grab bar in home modification not covered by Standards

wall-mounted bar supports use and point loads

50

Corner Lavatories and Sinks (305 & 306)

clear floor space and knee and toe clearance provisions must be met

51

Sinks (606.2 Exceptions)

Parallel approach permitted to a sink when:

cook top or conventional range is not provided and to wet bars

sinks used primarily by children 5 years and younger
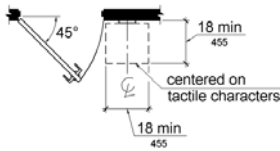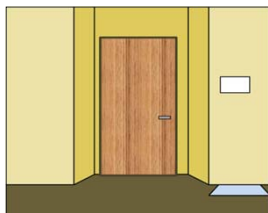
52

Signage

53

Sign Placement at Doors (703.4.2)

Location (703.4.2):
- **placement at doors**
- **push side exception for doors with closer and no hold open devices**

45°
18 min
455
centered on tactile characters
18 min
455

54

Sign Placement at Doors (703.4.2)

No space on latch side: on nearest adjacent wall

At double doors: right side (2 active leafs) or on inactive leaf

55

216.2 Designations - Exterior Signs Identifying Permanent Rooms or Spaces
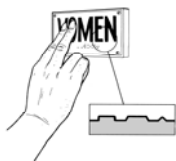
EXCEPTION: Exterior signs that are not located at the door to the space they serve shall not be required to comply with 703.2 (raised characters and braille).

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216.3 Directional and Informational Signs - Exterior

Only signs that provide direction to or information about interior spaces and facilities must comply (216.3 & F216.3)

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Assistive Listening Systems

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Where Required (219.2)

- In each assembly area where audible communication is integral to the use of the space

AVAILABLE:
ASSISTIVE LISTENING SYSTEMS

- Exception where no audio amplification exception

- courtrooms do not get exception
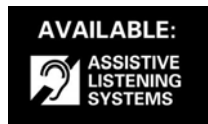
NOT triggered by fixed seating or occupant load - 1991 Standards

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Where Required (219.2)

audible communication = integral to use of the space **and**
has audio amplification

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Receivers (219.3)

Table 219.3 Receivers for Assistive Listening Systems

Capacity of Seating in Assembly Area	Minimum Number of Required Receivers	Minimum Number of Required Receivers Required to be Hearing-aid Compatible
50 or less	2	2
51 to 200	2, plus 1 per 25 seats over 50 seats[1]	2
201 to 500	2, plus 1 per 25 seats over 50 seats[1]	1 per 4 receivers[1]
501 to 1000	20, plus 1 per 33 seats over 500 seats[1]	1 per 4 receivers[1]
1001 to 2000	35, plus 1 per 50 seats over 1000 seats[1]	1 per 4 receivers[1]
2001 and over	55 plus 1 per 100 seats over 2000 seats[1]	1 per 4 receivers[1]

1. Or fraction thereof.

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Residential/ Transient lodging

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Communication Features in Federally Funded Dwelling Units

HUD
- **Except for DoD, ABA covered housing must comply with HUD ABA Standard (UFAS)**
- **HUD funded and assisted housing must comply with HUD's § 504 regulations**

Other agencies
- **Comply with agency § 504 regulations**

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Communication Features in Federally Funded Dwelling Units

UFAS requirements
- **§ 4.34.2 (10) audible and visual smoke alarms within dwelling units**
- **§ 4.1.2 (13) and 4.28.2 audible and visible emergency alarms in public and common use spaces (typically hardwired and supervised)**

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Communication Features in Federally Funded Dwelling Units

HUD § 504 regulations
- Scoping for new construction (24 CFR 8.22 and 8.32)
- 5% units with mobility features
- **2% units with communication features (hearing and vision)**

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ADA Dwelling Unit Communications Features (Upcoming for ABA)

- **Audible and visible building fire alarm systems and smoke alarms**
- **Peephole in unit entry door**
- **Audible and visible doorbell**
- **TTY interface to support visitor notification systems at site, building, or floor entrance**

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ADA Transient Lodging vs Residential Dwelling Unit

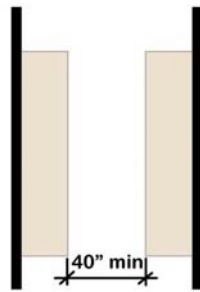**Transient lodging – typically 30 days or less with no right to return to the same unit**

Residential dwelling unit – intended to be used as a residence, primarily long-term in nature, including social service facilities and certain housing at places of education

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Kitchen Plan Types

60" min

40" min
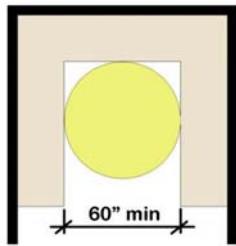
U-Shaped Kitchens   **Pass Through Kitchens**

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Architectural Barriers Act (ABA) Compliance

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Complaint process

Complaints under the Architectural Barriers Act (ABA) can be filed with the Access Board online, by email, mail, or fax.

To get an investigation started, the Access Board needs:
- the name and address of the building or facility; and
- a brief description of each access problem or barrier you encountered at that building or facility.

Link to online complaint form -

http://cts.access-board.gov/formsiq/form.do?formset_id=2&ds=fdd&reload=true

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Other

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Coverage of a Doctor's Office

ABA
- Designed, constructed, altered, or leased with Federal money if the funding agency is authorized to establish standards

Section 504
- Federally assisted or conducted
- Comply with applicable agency regulations

ADA title II
- Constructed by, on behalf of, or for the use of a state or local government entity
- Program of a state or local government entity

ADA title III
- Public accommodation or commercial facility

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Historic Preservation

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Alterations to Qualified Historic Buildings and Facilities (202.5)

EXCEPTION:

State Historic Preservation Officer or Advisory Council on Historic Preservation determines if compliance would threaten or destroy the historic significance of the building or facility and if the exceptions are permitted

- **accessible routes (206.2.1 Exception 1 and 206.2.3 Exception 7)**

- **entrances (206.4 Exception 2)**

- **toilet facilities (213.2 Exception 2)**

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ADA Regulations

If not feasible to provide physical access to an historic property in a manner that will not threaten or destroy the historic significance of the building or the facility, alternative methods may be used

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Section 508

Rulemaking Update

NEXT STEP: Notice of Proposed Rulemaking (NPRM)

- **Review by OMB (February 2014) – 90 days**
- **Publish NPRM in the Federal Register**
  - **Public comment period – 60 days**
  - **Analyze comments**

- **Develop final rule & regulatory assessment**
- **Publish Final Rule in the Federal Register**

Images as Labels

```
<label for="search"> <img alt="Search
the site" source="lens.gif"> </label>
<input id="search" type="text">
</input>
```
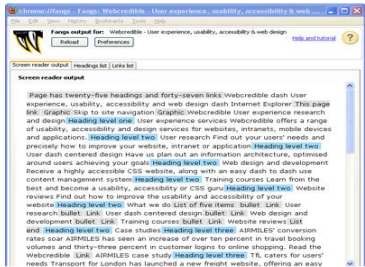
- **Example includes appropriate alt text associated with the image.**
- **Example: Use of a magnifying glass for the "submit" button of a search function.**

Access for Screen Readers

- How a screen reader reads a page, identifying structural elements: headers, links

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Screen reader characteristics

"alt="""" is an acceptable method to make decorative images silent to a screen reader.

    Image:

- **`<img src="http://website.com/1/background.jpg" alt ="" />`**
- **Do not use `display="none"` in this example because that would hide the image from all users**.

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Website Testing - CSS

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Cascading Style Sheets

- CSS attributes "display=none" hides content from all users, not just screen reader users.

- Using "display=none" for the top row of table would make that row invisible and silent for screen reader users.

  – CSS is very powerful and used widely on the web
  – CSS is now well supported by assistive technology
  – www.webaim.org/techniques/css

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Full Text Links vs. Embedding

- Assistive technology will expose the HREF and title attributes for hyperlinks, the text that is exposed when one hovers the mouse cursor on a hyper link.
- Full text only helpful when the URL is entered manually
- Full URL helps everyone!

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PDF Accessibility

- Accessibility requirements focus on the end product (e.g., a PDF or .doc file) and not the tool used to create the end product.
- Authoring techniques, such as those provided by Adobe for InDesign, focus on the software being used, and are therefore more specific and apply earlier in the workflow process.

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Touch Screens

- **Must have:**
  - **Tactilely discernible controls keys**
  - **Operable with one hand, no grasping, pinching or twisting wrist**
  - **If there is a key repeat, the k repeat rate shall be adjustab seconds per character**
  - **Status of locking or toggle co or keys is discernible throug touch or sound**
- **Non-tactile controls - question in 2011 ANPRM**

Section 508 - 1194.23(k)(1)-(4)
1194.25(c) and 1194.26(a)

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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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AccessibilityOnline Series
Open Q&A
March 6, 2014

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Thank you for participating in today's webinar

Next session:
April 3, 2014
2:30 - 4:00 (ET)
"Trusted Tester Program" – Section 508
www.accessibilityonline.org
(877) 232-1990 (v/TTY)

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