

**PDF/UA (Universal Accessibility) Working Group  
Draft Meeting Minutes**

**October 28, 2005  
2:00 P.M. – 4:00 P.M. EST**

**AIIM Headquarters  
1100 Wayne Avenue, Suite 1100  
Silver Spring, MD 20910  
<http://www.aiim.org>**

**Friday, October 28, 2005**

**1. Welcome and Introductions**

*Duff Johnson called the meeting to order at 2:15 pm EST*

*Joe Clark                      Independent Accessibility Consultant*

*Mike Fratkin                US Social Security Administration*

*Renee Georges             AIIM*

*Loretta Guarino-Reid     Adobe Systems*

*Richard Herring            Independent Accessibility Consultant*

*Duff Johnson                Document Solutions*

*George Kerscher            DAISY Consortium*

*Karen McCall                Karlen Communications*

*Greg Pisocky                Adobe Systems*

*Shannon Rapuano         IBM*

*Neil Soiffer                 Design Science*

*Dariusz Tybor                US Social Security Administration*

**2. Approval of Agenda, October 28, 2005**

*Loretta Guarino-Reid / Shannon Rapuano*

*It was noted that access to a toll free number as was available for the last meeting is desirable.*

**3. Approval of Minutes, October 3-4, 2005**

*Neil Soiffer / Shannon Rapuano*

#### **4. Report on actions previously assigned: Pending assignments**

**Action Item:** Betsy will forward to the listserv the ISO language directives

Karen McCall distributed to list

**Action Item:** Loretta Guarino –Reid to review the PDF 1.6 specification, Mark Gavin will assist.

Not Due Yet. Distributed to the List. Review portions of the spec that have not been distributed to the list.

**Action Item:** All members of the working group have an action item to familiarize themselves with the extraction of the relevant sections of the PDF 1.6 Specification.

Extraction of relevant sections of the PDF 1.6 specification. Renee is willing to post to the PDF/UA website.

**Action Item:** ISO formatted version of the emerging PDF/UA draft standard available Angy Brooks 3 weeks

**Action Item:** Candidate Headers available Loretta Guarino-Reid 6 weeks.

Not due yet. Status: Not much progress. Sidetracked by other responsibilities.

**Action Item:** Report back to WCAG Guideline List informing W3C of this process. How well WCAG 2 draft has facilitated this discussion. Bruce Bailey 1 week

Bruce will report. W3C response pending

**Action Item:** Question of Conformance Levels

Deferred for later discussion

**Action Item:** Normative References, Terms and Definitions

Deferred for later discussion

**Action Item:** 5, 6, 7, LGR and MG (within their review of the PDF 1.6 Reference)

Discussion Item assignments. Seeking volunteers for more work items: Problem areas in a particular subsection.

Issue of backwards compatibility (change this)

**Action Item:** 1.1 L1 SC1 - SC4 Non-Text Content... Richard Herring 3 weeks

Richard Herring delivered an offering

**Action Item:** Guideline 1.2 - Multimedia... Richard Herring. Combined captions and audio descriptions. Possible not come to conclusion that the concept is not workable but we need to address Multi-media.

**Portions of 1.1, 1.2, 1.3 SC1**

**Action Item:** 1.3 L1 SC1 - Structures within content can be programmatically determined Jamal Mazrui 2 weeks.

Greg Pisocky to assist.

**Action Item:** 1.3 L1 SC2 - When information conveyed by color and programmatically determined.... might result in restricting what people can do with PDF. 2 weeks (10 days Loretta Guarino-Reid)

**Loretta responded to this**

**Action Item:** 1.3 L2 SC1 - Loretta Guarino-Reid will do with the one above.

**Action Item:** 1.3 L2 SC2 - Subsume all the color issues into one? Loretta Guarino-Reid is committing to put forward a proposal

**Action Item:** 1.3 L3 SC1 - Content arranged in a sequence content order. Section in PDF/A related to content read order. Mark Gavin

**Check back with Mark Gavin (email to Duff and address for Jamal)**

**Action Item:** 2.1 L1 SC1 - Shannon Rapuano (3 weeks)

**Shannon sent in a submission**

**Action Item:** 2.2 L3 SC2 - Non emergency interruptions... Web services 2 kind of topics that come up in these criteria. JavaScript and the issue of PDF as a container. What kinds of things can it contain. Would layers be included in this category? Trigger a different layer view. Things that are not user initiated. Could this fall into the change of context items addressed in Guideline 3.2

Elephant in the room, the issue of JavaScript looms large. A separate treatment of the topic is in order. Qualified individual not on this call but someone who will agree to review and initiate this contribution. JavaScript and form fields.

**Action Item:** Greg Pisocky will organize this proposal. (3 weeks)

**(Bryan is on the listserv – give him call (one more week)**

**Action Item:** 2.4 L2 SC1 More than one way to locate content within a set of delivery units, inter vs. intra document links. Search mechanism, site map. For PDF User Agent / links bookmarks. Inter / Intra. Duff Johnson (End of October).

**Duff made a submission**

**Action Item:** Angy Brooks wants to address overall form issues.

**Angy pending**

**Action Item:** 2.4 L2 SC4 Destination of each programmatic reference to another delivery unit, words phrases.... i.e., where is my link headed? Karen McCall (3 weeks)

**Karen offered a submission**

**Action Item:** 2.4 L3 SC1 Elements focus Greg Pisocky (3 weeks)

**Greg navigation. Pending**

**Action Item:** 2.4 L2 SC2 Expanded form of acronyms and abbreviations. There is a mechanism in PDF today. This is not a question, it's a question of how you would do this in PDF. Remove or move to authoring. Is it required for a PDF to be accessible? Likely a conformance item. This could be an example of a model for what others do. NOT AN ASSIGNABLE ITEM.

**It is indeed an issue that must be covered**

**Action Item:** 3.2. L1 SC1 Change of context implemented in a manner that can be programmatically determined. Self populating forms an example? It's an idea that exists other places. This is not a change of context it is a change of content. All changes of context in a PDF are actions of one kind or another and can be programmatically determined. The evil JavaScript use case arises. Is the proper interpretation that a change of context / content need to be detected by AT. TABLED.

**How to treat such events when status changes**

**Action Item:** Post minutes, post WCAG application to PDF document, make transcript available to list serv. Greg Pisocky 1 week. 5 Business days.

## **5. WCAG app to PDF documents**

*Bruce Bailey has contacted Wendy Chisolm of the W3C, awaiting reply.*

## **6. Report on actions previously assigned: Completed assignments**

*Editing action item. Candidate descriptive heading. Underneath map to or to be mapped to exact WCAG reference. Attempt to author the descriptive heading for that item.*

*Reference other standards in addition to WCAG. For each descriptive title, provide the reference of where the inspiration occurred. WCAG, PDF Spec, others. Have to have the headings that make us comfortable. i.e., Navigation would be the heading and then provide the details supporting that issue.*

*More comprehensive list of the items that will go into the document. For example the navigation piece. Hard to finalize language unless the big picture is available. A template for people that would make it easier for people to peg their items to the appropriate headers. Renee to check with Betsy on how other work groups are doing it. At some point the content needs to be organized in some coherent fashion.*

## **7. Review document structure and address questions/concerns related to document editing, assignment authoring and other issues**

*Must, should, may... levels of conformance. Different levels may have different things that are musts. A broad stroke model how to author a requirement.*

*Duff will draft his notion for the treatment of a subsection for this document and post to list.*

*Options for specific response. Edit the submission to conform to what was previously discussed. Must, should and mold the text into that. Useful to take one example and go through the exercise.*

*For example*

*Drawing from GL 1.3 L1 SC2:*

*When information is conveyed by color, the color can be programmatically determined or the information is also conveyed through another means that does not depend on the user's ability to differentiate colors.*

*ISO speak translation:*

*When information is conveyed by color, the color can be programmatically determined or the information is also conveyed through another means that does not depend on the user's ability to differentiate colors.*

*(Source Text and citation links would also be helpful)*

*What is the accessibility issue:*

*If meaning depends on color (e.g. push the yellow button, or required steps are in red), then users who cannot perceive color will not be able to understand the content.*

*[Persons with color deficiencies. Red and Green a better example]*

*What does this success criterion say:*

*Either make sure that the assistive technology will be able to tell the color of content, so that AT users can find out what color it is, or make sure that understanding the content doesn't depend on perceiving the colors. Note that this success criterion does not say that you shouldn't use color.*

*Left to Author (New potential heading):*

*In some instances, the implementation is left entirely to the author.*

*PDF/UA implications:*

- 1. Review spec to identify where the color of content can be identified reliably. (I know that text color can be identified. Need to review other content.)*
- 2. Advise authors not to depend on color for meaning any place else?*

*(Not sure how this fits into PDF/UA spec.)*

*Trying to do more with headings inside the submission document. Instructions to author would be a pervasive heading. Other headings for this type of document.*

*Tech requirements and instructions to author*

*And different types of statement within.*

## **8. Create new assignments and/or expand on original assignments**

*Complete current assignments and provide Technical Editor an opportunity to catch up.*

**Action Item:** *Duff to define what constitutes a proper submission. Follow-up email to listserv.*

*Renee will look into options for toll free calling*

## **9. Wrap up and schedule next meeting**

*Meeting for November 11.*

## **10. Adjournment**

*The meeting was adjourned by Duff Johnson at 3:55 pm*