

W1.1 Image Quality of Printers

W1.1 2002 – 052

Text and Line Quality

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December 12, 2002

Summary of the W1.1 Line and Text Quality teleconference held on 11 Dec 2002

NOTE: Our next teleconference will be on Wed 1/8/03 1-2PM ET.

Minutes from the W1.1 Text & Line teleconference of Wed 12/11/02. At this teleconference we welcomed a new member, John Deubert of Acumen Training. John, who is an expert on PostScript and Acrobat, was introduced by Mark Robb.

Prior to the teleconference, Mark Robb had sent out a draft proposal for a Text Quality test pattern set. Dale Mashtare had also out a draft proposal for a Line Quality test pattern set. These are attached for completeness.

We discussed our team's paper to be presented at PICS-2003, for which I have already submitted an abstract. The full paper is due about 1/15/03. The team unanimously indicated that they had all read and agreed with the posted document "Line & Text Quality Attribute Definitions" of 4/17/2001. They agreed that that document would form the basis for this paper, together with newer agreements on evaluating Text Quality.

Mark led the discussion on his Text Quality test pattern proposal by providing an overview. Agreed-upon amendments to this proposal are listed below. Mark agreed to make these changes and distribute a revised proposal by 1/6/03, ahead of the next 1/8/03 teleconference.

1. Test settings: All printer Text Quality tests would be run at the appropriate default settings, plus at whatever other settings the manufacturer wished to highlight. All such settings should be listed, and Mark will generate a form specifying the data required. Appropriate defaults would be Driver defaults for Testing Modes 1, 2, 3 and Printer defaults for Testing Modes 4, 5. See Mark Robb's proposal for a description of these modes.
2. Color fonts: There are only black fonts in Mark's proposal. We agreed to add a single paragraph at each of 4 sizes (6, 8, 10, 12 pt) in 9 colors (100%R, 100%G, 100%B, 50%R, 50%G, 50%B, 50%K, 30%CMY, 50%CMY). We also agreed to add the word "LENO" in as many different colors as would fit. This word was chosen to provide the necessary slopes and curves.
3. Smaller font sizes: We agreed to add two smaller sizes (2 and 4 pt) to the waterfall paragraphs.
4. Unresolved (for now) question: what to do about OpenType and Unicode?

We did not have time to discuss the proposed Line Quality test pattern at this teleconference.

Mark Robb's draft proposal for a Text Quality test pattern set.

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Dale Mashtare's draft proposal for a Line Quality test pattern set.

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