

W1.1 Image Quality of Printers

W1.1 2003 – 005

Color Rendition

R. E. Cookingham

January 29, 2003

Color Rendition Ad Hoc Group Teleconference Notes 1/29/03

Present: Bob Cookingham, Sue Farnand, Bill Kress, Oscar, Martinez, Karin Topfer,
and Eric Zeise

Next Teleconferences: 2nd and 4th Wednesdays @ Noon EST: 2/12, 2/26, 3/12, 3/26, 4/9,
and 4/23

Action Items for 2/12/03 Teleconference:

1. Eric will distribute his digital files of the serpentine and precision tone reproduction test images.
2. Team members print Eric's test images on printers using their respective technologies and distribute these to other team members for discussion at the next teleconference.
3. All think about what other sub-attributes to consider next.

Discussion 1/29/03:

We reviewed the draft of the paper for PICS. Many thanks to Sue Farnand for drafting the paper and to all the team members for their comments and edits. We agreed that we should reverse the order of presentation of the sub-attributes so the one we had worked on the most was presented first. Bob will reorder and make the necessary edits. Sue will then put the paper in the necessary IS&T format. The Kodak editor has agreed to give the paper an editorial check prior to submission to IS&T.

The other topic of discussion was how we would proceed this year in investigating the sub-attributes. There was a strong interest in continuing the work we are doing on developing a test target and measurement method for color quantization while beginning to look at another attributes. Essentially we will proceed along two lines of work.

To continue investigating the serpentine and precision tone reproduction technique of Mizes, Eric agreed to distribute his digital files of these test images. Team members will print these and distribute these to other team members for discussion at our next team teleconference. The contact information and addresses of team members are listed at the end of these notes.

During the ensuing discussion of which other sub-attribute to investigate next, a number of team members raised concern about the difficulty of developing a test target and metric that works for both pictorial and graphical text content. The consensus view was that it would be best to concentrate first on a target comprised of text and graphical content which we approached from a colorimetric approach. Given some success in devising a test target and metric, and subsequent efforts could look at what we could do on pictorial images.

The next teleconference will be on Wednesday, February 12, 2003 at Noon EST.

Addresses: These are the current addresses of the Color Rendition ad hoc committee members

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