

## **W1.1 Image Quality of Printers**

NCITS W1.1 2002 – 041

Gloss and Gloss Uniformity

Yee S. Ng, August 21, 2002

### **Gloss/gloss uniformity ad hoc Teleconference Meeting Notes**

(8/20/2002 teleconference)

Present: Chung H. Kuo (NexPress), Dale Mashtare (Xerox), Jeff Wang (NexPress), John Kessler (Paxar), Yee Ng (Chair, NexPress), Prashant Mehta (ImageXpert), Eric Maggard (HP)

Absent members:

Ted Bouk (Kodak), Eric Zeise (NexPress), Norman Burningham (HP)

Next Teleconference: Tuesday September 3, 2002 @ 1:30 PM EST

#### **Agenda**

1. Review/modify agenda
2. Discuss measurement method and result.
3. Schedule next teleconference

The Gloss/gloss uniformity ad hoc met on 8/20/2002. The ad hoc team approved the agenda that was distributed earlier by email. The ad hoc welcomes Eric Maggard (HP) who has replaced Eric Schneider to be the HP representative on the Gloss Uniformity team and Prashant Mehta representing ImageXpert.

CK has located some print samples (patches) that have different types of micro-gloss artifacts on them and has sent the samples to Prashant for micro-gloss measurement. Currently black samples (of a similar density and G60 macro-gloss) with different types of artifacts (patches of micro-gloss non-uniformity, gloss streaks of different gloss amplitude and size) as well as some color samples that also contain micro-gloss non-uniformity has been shipped by CK to Prashant for micro-gloss measurement. Prashant will report on his finding in the next meeting. DM also mentioned that he may have additional samples that can be submitted for micro-gloss and artifact measurements.

DM reports on his discussion with Professor Arney (RIT) relating to both the micro-gloss measurement as well as cross-over calibration method of gloss value between glossmeters make by different manufacturer. These issues perhaps can be addressed with a Senior or Master Thesis. The ad hoc will pursue this line of thought when the time is appropriate.

YN reports that the gloss JND measurement for the G60 gloss and psychophysical study has been completed and a paper will be presented at the NIP18 conference in September. CK will sent out an excerpt of the finding to the rest of the ad hoc team. CK also plan on expanding the gloss JND study into the higher gloss region for the G20 measurements. YN has obtained higher gloss samples from Kodak using Digital AgX, inkjet and thermal dye transfer technology. DM has volunteered to look for some intermediate gloss

samples with pigment ink to include in the JND study at higher gloss. The ad hoc will review the status of this experiment in the next teleconference.

Next call-in teleconference: Tuesday, September 3, 2002 @1:30 AM EST

Proposed agenda for September 3, 2002

1. Review/modify agenda
2. Discuss micro-gloss measurement result.
3. Discuss gloss JND experiment at higher gloss (G20)
4. Schedule next teleconference

Yee S. Ng (Principal member, NTICS-W1)

NexPress Solutions LLC

[Yee\\_Ng@nexpress.com](mailto:Yee_Ng@nexpress.com)

Rochester, NY 14653-7002

Phone: 585-726-3935