

W1.1 Image Quality of Printers

INCITS W1.1 2005-007

Gloss and Gloss Uniformity

Yee Ng, Feb 11, 2005

Gloss/Gloss Uniformity Ad Hoc Teleconference Meeting Notes:

(2/8/2005 teleconferences)

Present: Yee Ng (Chair, NexPress), Peter Morris (HP), Eric Maggard (HP), Tom Graczyk (Arkwright)

Absent members:

Mike Pointer (National Physical Lab, UK), Pashant Mehta (ImageExpert), John Kessler (Paxar), Sanjay Monie (W.R. Grace), Michael Viola (Cabot Corp), Eric Zeise (Nexpress), Frans Gaykema (Oce, Netherland), Tetsuya Itoh (KonicaMinolta, Japan), Luke Cui (Lexmark), Dale Mashtare (Xerox), Ming-Kai Tse (QEA)

Next Teleconference: Tuesday, Feb 22, 2005 @ 1:30 EST.

Agenda:

- (1) 19751-2 - how to get to jnd for differential gloss and gloss artifact
- (2) Follow-up on DOI

The gloss uniformity ad hoc team met on 2/8/2005 and approved the agenda. YN briefed the team on the follow-through action with respect to ISO CD 19799. Basically the 8 JP samples and the 2 US samples have been sent to Oce in Europe to have the G60/G75 measurement done. There are a few of the outstanding issue relating to the ISOIEC CD 19799 voting comments that we need to response to. We will have a discussion in the next meeting. Besides resolving the G60 and G75 calibration issue, one may have to expand the differential gloss visual scale experiment using JP and other previous US samples and go through a round-robin experiment for visual scale in differential gloss that involve US, JP and EU. Perhaps one can get jnd number from that experiment as well to satisfy the need of ISO 19751-2 as well.

TG briefed the team on the work relating to DOI on 30 micro-porous papers. The samples were sent to QEA for analysis. The more detail result may be discussed in the next meeting. The team pointed out that the issue can be quite different, if there are printed materials on the paper. TG asked for suggestion as to what typical ink should be used to get a wide range of result for testing purpose. PM suggested using pigmented inks from two commercial products that may produce useful samples on such type of papers. TG will follow through with that. YN as also suggest perhaps a test chart such as the differential gloss test chart can be useful for printing to define the issue better. YN will send a link of where the test charts are to TG for use.

Next call-in conference: Tuesday, Feb 22, 2005, 1:30PM EST.

Proposed agenda:

- (1) Plan for ISO 19799 to enter the FCD stage (need response to JP National body)
- (2) Discussion on ISO/IEC WD 19751-2 relating to how to get JND for Differential Gloss and Gloss Artifact
- (3) Follow through with DOI.

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