

W1.1 Text and Line Quality Team 8/12/04 Teleconference Summary

Attendees: Mark Robb, Alan Haley, John Briggs, Ted Bouk, Eddy Dalal

MR reported on his group's response to the proposed (ED 7/1/04) Chinese/Japanese characters for non-Latin portion of test pattern. They are not supported by the (simplest) GB2312-80 set, but are supported by the newer, expanded GBK and GB18030 sets (the latter requires 4 bytes per character and includes every practical Chinese character). Not an issue.

After the teleconference, MR confirmed that these 4 characters are supported by (1) CJK, a common Simplified Chinese character set; (2) Big5, a common Traditional Chinese character set; and (3) JIS 0208-1990, a common Japanese character set.

ED will also propose a Korean character. MR will include these CJK characters into the strawman test pattern (Serif version only for now).

We briefly discussed the "Analytical Fonts" described in US Patent 6608932. ED had previously sent a table from that patent showing some possible Analytical Font characters. MR suggested additional characters, such as parallel lines of varying width, Large black areas with small openings, and a star pattern of lines at varying angles.

MR agreed to create a font containing these Analytical Font characters. TB said he would explore the relationship between these characters and perceived text quality. We will need to obtain permission if we decide to use Analytical Font characters.

We reviewed an action item from the last teleconference regarding the test pattern:
1) Determine existing components of test patterns that are unnecessary. 2) Determine what additional components are required for visual or instrumental measurement. This action item was carried over for the next teleconference.

Next teleconference will be on 8/26/04.