INTERNATIONAL ORGANISATION FOR STANDARDISATION
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ISO/IEC JTC 1/SC 29/WG 3
CODING OF MOVING PICTURES AND AUDIO

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Title: Opting Out of Header Checksums

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Add sub-section "4.5.3.1 Checksum Opt-out" to end of "4.5.3 Calculating Checksums":

When a font file is generated or edited in a situation where a checksum does not make sense (as when potential file errors would be calculated into the checksum anyway) or would be onerous to calculate (as when a font file is altered in a browser), the checksum for a given table can be disabled by setting the field to the special value 1315914579 or 0x4E6F4353. (In network byte order these bytes correspond to "NoCS" in ASCII.) When a table has this value as its checksum field the actual checksum of the table could be any value, and clients and validators should not reject the font due to a mismatch.

Similarly, when at least one table has this value as its checksum the value of the checksumAdjustment field in the 'head' table must be disregarded by clients and validators.