

## Template for comments and secretariat observations

Date:	Document:	Project:
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MB/NC <sup>1</sup>	Line number (e.g. 17)	Clause/Subclause (e.g. 3.1)	Paragraph/Figure/Table/ Table/ (e.g. Table 1)	Type of comment <sup>2</sup>	Comments	Proposed change	Observations of the secretariat
CA1				ge	We wish to express support for allowing more than 64K glyphs in a font, which will help support the use of Chinese in Canada (one of the most widely-used languages), and for enhancements to variable fonts, which will help reduce file sizes and increase effectiveness of communication especially in more remote parts of our country.		
CA2		7.3.10		ed	7.3.10.5 Processing of Variable Composite Glyphs should come before 7.3.10.4 Hinting of Variable Composite Glyphs, as you have to know how to process them before the hinting section makes sense.	Swap sections 7.3.10.4 and 7.3.10.5	
CA3		6.3.4.3.2	PairSet2 table	te	In 6.3.4.3.2 Lookup Type 2 subtable: pair adjustment positioning, the PairSet2 table needs to refer to PairValue2 records, not PairValue records, in order to support 24-bit glyph IDs.	Change PairValue to PairValue2 in the PairSet2 table; add a PairValue2 Record beneath it which is the same as PairValue but uses uint24 for the type of <i>secondGlyph</i> . This new table should replace the text, "See format 1 for PairValue record description."	
CA4		6.3.2.2.4	LigCaretList table	te	In 6.3.2.2.4 Ligature caret list table, fonts with many glyphs will overflow the 16-bit coverageOffset in this table, even if they do not have many ligatures.	In Example 4 LigCaretList table, make ligCaretListOffset2 point to a LigCaretList2 instead of current "ligature caret list table"  After the LigCaretList table, define a LigCaretList2 table that is the same as LigCaretList, but uses Offset32 coverageOffset, uint24 ligGlyphCount, and Offset24 ligGlyphOffsets[ligGlyphCount]	
CA5		6.2.8	SequenceContextFormat4 table	te	In 6.2.8 SequenceContextFormat4 table, there could be overflow	make seqRuleSetCount a uint24 instead of uint16	
CA6		6.2.8	SequenceContextFormat4 table	te	In 6.2.8 SequenceContextFormat4 table, there is an editorial error	seqRuleSetOffsets should point to SequenceRuleSet2 tables, not SequenceRuleSet tables. The following table must be renamed to SequenceRuleSet2 table to avoid conflict with a table with the same name in format 1.	
CA7		6.2.8	Sequence context format 5	ed	The definition of ClassSequenceRule here is redundant; it has already been defined	Remove the redundant table.	

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<sup>2</sup> **Type of comment:** **ge** = general **te** = technical **ed** = editorial

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CA8		6.2.8	Chained Sequence Context	te	In ChainedSequenceContextFormat4 table, there could be overflow	<p>Make chainedSeqRuleSetCount be uint24 instead of uint16;</p> <p>In chainedSequenceRuleSet2 table, chainedSeqRuleCount can be a uint16 instead of uint24. However, in ChainedSequenceRule2 table, lookaheadSequence must be uint24, not uint 16.</p> <p>(this affects only the leftmost column of the table, not whether e.g. items are an array or not)</p>	
CA9		6.2.8	ChainedClassSequenceRule2 table	te	This table is not needed, because fonts are not likely to need (and cannot use) more than 65535 class values anywhere.	Remove the table, and ChainedSequenceContextFormat5 should use ChainedClassSequenceRule instead of ChainedClassSequenceRule2.	
CA10		6.3.2.2.6	MarkGlyphSetsTable	te	We should consider adding a MarkGlyphSets format 2 table with a uint32 markGlyphSetCount, to allow more than 65535 different mark glyph sets	<p>Add a MarkGlyphSets format 2 table with a uint32 markGlyphSetCount, and the explanation,</p> <p>Format 2 allows more than 65535 different mark glyph sets.</p>	

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