

# Template for comments and secretariat observations

Date: September 29, 2014	Document: <b>WG 14 N1869</b>	Project: PDTS 18661-4
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MB/NC <sup>1</sup>	Line number (e.g. 17)	Clause/ Subclause (e.g. 3.1)	Paragraph/ Figure/ Table/ (e.g. Table 1)	Type of comment <sup>2</sup>	Comments	Proposed change	Recommendations of C FP group
GB 1	Page 4 line 3	5.3		ed	“_DecimalNX” should be “_DecimalNx”.	Change “_DecimalNX” to “_DecimalNx”.	Agreed.
GB 2	Page 6 line 15	7		ed	For consistency with the wording in C11, this should say “the principal value of the arc cosine”.	Change “the arc cosine” to “the principal value of the arc cosine”.	Agreed.
GB 3	Page 6 line 31	7		ed	For consistency with the wording in C11, this should say “the principal value of the arc sine”.	Change “the arc sine” to “the principal value of the arc sine”.	Agreed.
GB 4	Page 7 line 12	7		ed	For consistency with the wording in C11, this should say “the principal value of the arc tangent”.	Change “the arc tangent” to “the principal value of the arc tangent”.	Agreed.
GB 5	Page 7 line 32	7		ed	In “if x is positive”, the same fixed-width font should be used for “x” as elsewhere.	Use that fixed-width font for “x”.	Agreed.
GB 6	Page 8 line 29	7		ed	“compute sine” should be “compute the sine”.	Change “compute sine” to “compute the sine”.	Agreed.
GB 7	Page 17 line 6	7		te	The equivalence of rootn(+/-Inf, n) to rootn(+/-0, -n) is inappropriate when the result is an infinity because the text about rootn applied to +/-0 would require the divide-by-zero exception to be raised, but the IEC 60559 definition of that exception is that it should only be raised for finite operands.	After “not 0”, insert ', except that the “divide-by-zero” floating-point exception is not raised'.	Agreed.
GB 8	Page 17 line 15	7		te	The equivalence for pown is similarly inappropriate.	After “not 0”, insert ', except that the “divide-by-zero” floating-point exception is not raised'.	Agreed.
GB 9	Page 19 line 31 – page 21 line 17	8		te	Consistently with C11, all pointer arguments to the scaled reduction functions should be declared with “restrict”, not just sfptr.	Change “[static n]” to “[static restrict n]” in all these function declarations.	Agreed for scaled_prod, which has one input array. The change is not appropriate for the scaled_prodsum and scaled_proddiff functions whose two input arrays may overlap.

1 **MB** = Member body / **NC** = National Committee (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by \*\*)

2 **Type of comment:** **ge** = general                      **te** = technical              **ed** = editorial

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GB 10	Page 22 line 32	8		ed	The call to scaled_prodsum in the last bullet point has too few arguments.	Change “p” to “p, q”.	Agreed. Also fix similar problem for reduc_sumprod in F.10.10b.4.
GB 11	Page 22 line 43	8		ed	The call to scaled_proddiff in the last bullet point has too few arguments.	Change “p” to “p, q”.	Agreed.

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