Comments on SC22 N1351 Fortran Vulnerabilities

General. I am not happy with the global replacement of "use" as a noun by "usage". My dictionary says "usage" is "manner of using or treating, such as "damaged by rough usage" and "use" is "using of being used". Here are examples from the Fortran standard "The PROTECTED attribute imposes limitations on the usage of module entities." and "The INTENT attribute specifies the intended use of a dummy argument."
Another way of looking at this is that "usage" is collective and "use" is individual.

Serious error. 4.10.2, para 2. Change "Even if … same time." to "The two assignment statements are executed by one image at a time."

Minor corrections

3.1, line 1. Add "ISO/IEC" before"24772".

3.3, line 2. Delete "a".

5, para 1, line 2. Change "section" to "clause" and add "clause" after "this".

5, para 2, line 2. Change "section … section," to "clause".

Table 1. Use commas in all reference lists or use spaces.

Table 1, Number 1. Put "6.54" in order.

6.1. Add "ISO/IEC" before"24772", thrice.

6.2.1, line 1. "ISO/IEC …" is too vague.

6.2.1, para 3, line 1. Undo bad change.

6.2.1, para 5, line 1. Undo two bad changes.

6.2.1, para 5, line -3. Change "convenient" to "safe".

6.2.1, para 10. Undo bad changes to the code starting "type centigrade".

6.6.1, final para, line 2. After "e.g." add ", if the types of 6.2.1 are accessible, "

6.9.1, para 3, line 4. Change "select" to "use".

6.17.1, para 3, line 2. Change "usage of" to "using".

6.17.2, line 4. Change "through the usage of" to "by using".

6.17.2, line 5. Change "the usage of" to "using".

6.17.2, line 6. Change "the usage of" to "using".

6.24.1, line 6. Change "using the pure attribute" to "as pure".

6.25.1, para1, line 2. Undo bad change.

6.25.1, para 2, line 2. Undo bad change.

6.28.2. Reply to comment. No change needed. I now avoid labels in my coding, but it is too strong here. For example, they are innocuous for format statement because those have no effect on flow of control.

6.36.1, para 2, line 1. Undo bad change.

6.36.1, para 4, line 1. Change "ISO IEC" to "ISO/IEC".

6.50.1, para 1, line1. Undo bad change.

6.58.1, line -2. Delete ", according to ISO/IEC 1559-1:2018,".

6.60.1, line 2. Delete "are terminated".