ISO/IEC 14764, 2006(E)
IEEE Std 14764-2006
(Revision of IEEE Std 1219-1988)

Secretariat: Standards Council of Canada
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Corrections to

Standard for Software Engineering—Software Life Cycle Processes—Maintenance

Norme pour ingénierie du logiciel — Processus de cycle de vie du logiciel — Maintenance

Sponsor
Software & Systems Engineering Standards Committee
of the
IEEE Computer Society

Correction Sheet
Issued 15 December 2007

5.1 Process Implementation

Change this subclause as follows:

During Process Implementation, the maintainer establishes the plans and procedures ~~which~~ that are to be executed during the Maintenance Process. The Maintenance Plan (see subclause ~~8.3.2~~ 7.3.2 of this International Standard) should be developed in parallel with the Development Plan. The maintainer should also establish needed organizational interfaces during this activity.

6.7 Early involvement in development

Change the last paragraph as follows:

Planning is discussed in detail in subclause ~~8.3~~ 7.3 of this International Standard. Early involvement in projects by the maintainer can help in stating, establishing, and clarifying the maintainability requirements of the software. ISO/IEC 9126 should be used to explicitly define maintainability and other software quality characteristics. Maintainability can be improved by maintainer participation in the quality assurance, verification, and validation supporting life cycle processes of ISO/IEC 12207. The maintainer should:

6.8.1 Maintainability and the development process

Change the last paragraph as follows:

A software maintenance strategy should also be established prior to design. Early maintainer involvement in a software project has the potential to reduce maintenance costs. There are many actions, including software maintenance planning, to be performed during the development process. These actions should be documented in the maintenance plan (subclause ~~8.3.2~~ 7.3.2 of this International Standard).

Annex A

(informative)

Cross-reference between ISO/IEC/IEEE 14764 and ISO/IEC 12207 and ISO/IEC 12207 Amd 1

Change the table in Annex A as follows:

Clause in ISO/IEC/IEEE 14764	Clause in ISO/IEC 12207	Clause in ISO/IEC 12207, Amd 1
1.2	1.2	
~~4.2~~ 3.2	3.5	
~~5.1~~ 4.1	4.1.1.1/4.1.1.2/ 4.1.1.3	F.3.4/F.3.4.2
~~6~~ 5	5.5	
~~6.1~~ 5.1	5.5.1	
~~6.1.2.1~~ 5.1.2.1	5.5.1.1	
~~6.1.2.2~~ 5.1.2.2	5.5.1.2	
~~6.1.2.3~~ 5.1.2.3	5.5.1.3	
~~6.1.3~~ 5.1.3	6.6	
~~6.2~~ 5.2	5.5.2	
~~6.2.2.1~~ 5.2.2.1	5.5.2.1	F.1.5
~~6.2.2.2~~ 5.2.2.2	5.5.2.2	
~~6.2.2.3~~ 5.2.2.3	5.5.2.3	
~~6.2.2.4~~ 5.2.2.4	5.5.2.4	F.1.5
~~6.2.2.5~~ 5.2.2.5	5.5.2.5	
~~6.2.3~~ 5.2.3	6.6	
~~6.3~~ 5.3	5.5.3	
~~6.3.2.1~~ 5.3.2.1	5.5.3.1	
~~6.3.2.2~~ 5.3.2.2	5.3/5.5.3.2	F.1.3/F.1.3.1F.1.3.11
~~6.3.3~~ 5.3.3	6.6	
~~6.4~~ 5.4	5.5.4	
~~6.4.2.1~~ 5.4.2.1	5.5.4.1	
~~6.4.2.2~~ 5.4.2.2	5.5.4.2	F.3.4

Clause in ISO/IEC/IEEE 14764	Clause in ISO/IEC 12207	Clause in ISO/IEC 12207, Amd 1
~~6.4.3~~ 5.4.3	6.6	
~~6.5~~ 5.5	5.5.5	
~~6.5.2~~ 5.5.2	5.5.5.4	F.3.4
~~6.5.2.1~~ 5.5.2.1	5.5.5.1	
~~6.5.2.2~~ 5.5.2.2	5.5.5.2	F.1.5
~~6.5.2.3~~ 5.5.2.3	5.5.5.3	
~~6.5.2.4~~ 5.5.2.4	5.5.5.4	F.1.5/F.3.4
~~6.5.2.5~~ 5.5.2.5	5.5.5.5	
~~6.5.2.6~~ 5.5.2.6	5.5.5.6	
~~6.5.2.7~~ 5.5.2.7	5.5.5.7	
~~6.5.3~~ 5.5.3	6.6	
~~6.5.4~~ 5.5.4	5.5.5.4	F.3.4
~~6.6~~ 5.6	5.5.6	
~~6.6.2.1~~ 5.6.2.1	5.5.6.1	F.1.5
~~6.6.2.2~~ 5.6.2.2	5.5.6.2	
~~6.6.2.3~~ 5.6.2.3	5.5.6.3	F.1.5/F.3.4
~~6.6.2.4~~ 5.6.2.4	5.5.6.4	
~~6.6.2.5~~ 5.6.2.5	5.5.6.5	
~~6.6.3~~ 5.6.3	6.6	
~~7.1~~ 6.1	5.5/6.2/6.8	F.1.5
~~7.3~~ 6.3	5.1.3	
~~7.5~~ 6.5		F.3.1.6
~~8.1~~ 7.1	5.5.1.1	F.1.5
~~8.2.1~~ 7.2.1	5.5.1.1	F.3.4.2
~~8.2.3~~ 7.2.3	5.1/5.2	
~~8.2.4~~ 7.2.4	5.5.1.1	F.3.4.2
~~8.3.3~~ 7.3.3	5.5.1.1	F.3.4