INTERNATIONAL STANDARD ISO/IEC 12087-5:1998
TECHNICAL CORRIGENDUM 1

Published 2001-05-15

Information technology — Computer graphics and image processing — Image Processing and Interchange (IPI) — Functional specification —

Part 5:
Basic Image Interchange Format (BIIF)

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Infographie et traitement de l'image — Spécification fonctionnelle pour le traitement de l'image et l'échange (IPI) —

Partie 5: Format d'échange de l'image de base (BIIF)

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to International Standard ISO/IEC 12087-5:1998 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 24, *Computer graphics and image processing*.

Throughout the document

Change all occurrences in the document of "proforma" with "*pro forma*".

Change the spelling of the word "color" to "colour".

ICS 35.140

Ref. No. ISO/IEC 12087-5:1998/Cor.1:2001(E)

Page 1, clause 1

Replace the first paragraph, last sentence with

"Annex C contains a Model Profile of BIIF in tables to assist in profile development."

In the second paragraph, delete the following (last) sentence:

"It is intended that profiles of the BIIF will be established as an International Standardised Profile (ISP) through the normal ISO processes (ISO/IEC TR 10000)."

Page 5, definition 3.1.13

Replace the term "DES" with "Data Extension Segment".

Page 6, definition 3.1.25

Replace the Profile definition with the following:

"**3.1.25**
Profile
Definition 1: An instance of a *pro forma* that contains a set of one or more base standards, and where applicable, the identification of chosen classes, subsets, options, and parameters of those base standards, necessary for accomplishing a particular function. For example: BIIF Profiles are used for specific communities such as the Open Skies community. TFS Profiles provide interoperability by specifying constraints on the TFS.

Definition 2: A member of the TFS Transport which contains PIKS Data or other image-related object data called Transport Profile. For example: Each Transport Profile contains metadata and security about the objects it contains. Whenever profile is used in the sense of definition 2, the word Transport will always precede it."

Page 6, definition 3.1.26

Replace the Profile Variant definition with

"**3.1.26**
Profile Variant
A field within this basic standard that is allowed to be defined by a BIIF profile for its structure and intent (content). An element or an attribute that is allowed to differ between BIIF profiles."

Page 6, definition 3.1.28

Replace the term "RES" with "Reserved Extension Segment".

Page 6, definition 3.1.35

Remove "(TRE)" from the term.

Page 6, definition 3.1.36

In the definition change "TFSs" to "Transportable File Structures".

Page 7, subclause 3.2

Add the following abbreviation:

"UTF-1   UCS Transformation Format 1"

Page 9, subclause 4.1.1.2

In the fourth sentence, change "Reserved Extension Segments (RES) (see Subclause 4.2.9)." to "Reserved Extension Segments (RES) (see Subclause 4.2.8.4)."

Page 10, subclause 4.1.1.5

Replace the second sentence with

"It allows a user application to quickly identify the degree of complexity of the number and combinations of BIIF features used in any specific BIIF file within this given BIIF profile."

Replace the last sentence with

"A Model BIIF profile file marked at complexity level 02 may have up to 20 image segments, 100 symbol segments, 10 text segments and 20 data extension segments."

Page 10, subclause 4.1.2

Replace the last sentence with

"This standard also promotes a higher degree of interoperability among two or more diverse communities of interest through the selection of a common set of functionality captured in specific BIIF profiles and implementation agreements."

Page 11, subclause 4.1.3.1

Replace with the following:

"All header and subheader fields contained in the BIIF file shall contain valid data (that is, data in accordance with the restrictions specified for the contents of the field in this document or as constrained by an applicable BIIF profile definition; Annex C) or the specified default value."

Page 11, subclause 4.1.3.3.1

Remove the fourth sentence:

"This character set is selected from ISO/IEC 646."

Replace last sentence with

"Valid BCS character codes range from 20 through 7E and line feed (0A), form feed (0C), and carriage return (0D)."

Page 11, subclause 4.1.3.3.4

Replace the third sentence with

"The BIIF profile shall identify the adopted form, the adopted implementation level and the adopted subset (list of collections and/or characters) in accordance with the structures defined in ISO/IEC 10646."