



DRAFT AMENDMENT ISO/IEC 10918-4:1999/DAM 1

ISO/IEC JTC 1

Secretariat: ANSI

Voting begins on
2011-08-30

Voting terminates on
2012-01-30

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION
INTERNATIONAL ELECTROTECHNICAL COMMISSION • МЕЖДУНАРОДНАЯ ЭЛЕКТРОТЕХНИЧЕСКАЯ КОММISIЯ • COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

Information technology — Digital compression and coding of continuous-tone still images: Registration of JPEG profiles, SPIFF profiles, SPIFF tags, SPIFF colour spaces, APPn markers, SPIFF compression types and Registration Authorities (REGAUT) — Part 4

AMENDMENT 1: Application specific marker list

ITEH SPIFF REGAUT PRELIMINARY
Full standardization of the registration authority (REGAUT) for the application specific marker list (ASML) is planned for 2013.
https://standards.iteh.ai/catalogue/0a6b-40b3-b0cc-2e1ff14a611fiso10918-4:1999-and-1-2013

Technologies de l'information — Compression numérique et codage des images fixes de nature photographique: Enregistrement des profils JPEG, profils SPIFF, "SPIFF tags", espaces de couleur SPIFF, marqueurs APPn, types de compression SPIFF et autorités d'enregistrement (REGAUT) — Partie 4

AMENDMENT 1: Liste de marqueurs pour application spécifique

ICS 35.040

In accordance with the provisions of Council Resolution 21/1986 this DIS is circulated in the English language only.

Conformément aux dispositions de la Résolution du Conseil 21/1986, ce DIS est distribué en version anglaise seulement.

To expedite distribution, this document is circulated as received from the committee secretariat. ISO Central Secretariat work of editing and text composition will be undertaken at publication stage.

Pour accélérer la distribution, le présent document est distribué tel qu'il est parvenu du secrétariat du comité. Le travail de rédaction et de composition de texte sera effectué au Secrétariat central de l'ISO au stade de publication.

THIS DOCUMENT IS A DRAFT CIRCULATED FOR COMMENT AND APPROVAL. IT IS THEREFORE SUBJECT TO CHANGE AND MAY NOT BE REFERRED TO AS AN INTERNATIONAL STANDARD UNTIL PUBLISHED AS SUCH.

IN ADDITION TO THEIR EVALUATION AS BEING ACCEPTABLE FOR INDUSTRIAL, TECHNOLOGICAL, COMMERCIAL AND USER PURPOSES, DRAFT INTERNATIONAL STANDARDS MAY ON OCCASION HAVE TO BE CONSIDERED IN THE LIGHT OF THEIR POTENTIAL TO BECOME STANDARDS TO WHICH REFERENCE MAY BE MADE IN NATIONAL REGULATIONS.

RECIPIENTS OF THIS DRAFT ARE INVITED TO SUBMIT, WITH THEIR COMMENTS, NOTIFICATION OF ANY RELEVANT PATENT RIGHTS OF WHICH THEY ARE AWARE AND TO PROVIDE SUPPORTING DOCUMENTATION.

iteh STANDARD PREVIEW
(standards.iteh.ai)
Full standard:
<https://standards.iteh.ai/catalog/standards/sist/95e2d715-0a6b-40b3-b0cc-2e1ff14a611f/iso-iec-10918-4-1999-and-1-2013>

Copyright notice

This ISO document is a Draft International Standard and is copyright-protected by ISO. Except as permitted under the applicable laws of the user's country, neither this ISO draft nor any extract from it may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, photocopying, recording or otherwise, without prior written permission being secured.

Requests for permission to reproduce should be addressed to either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Reproduction may be subject to royalty payments or a licensing agreement.
Violators may be prosecuted.

INTERNATIONAL STANDARD
ISO/IEC 10918-4:1999/DAM 1
ITU-T Rec. T.86 (06/1998)/Amd.1
ITU-T RECOMMENDATION

**Information technology – Registration of JPEG profiles, SPIFF profiles, SPIFF tags,
 SPIFF colour spaces, APPn markers, SPIFF compression types, and
 Registration Authorities (REGAUT)**

AMENDMENT 1
Application specific marker list

1) 4.4.4

Add the following after 4.4.3

4.4.4 Known Application Marker Usage

Annex D contains a list of known Application Markers (APPn) as of the publication date of this amendment. The intended use of this list is to aid in the identification of APPn markers that are known to be commonly used.

2) Annex D

Add the following after Annex C:

Annex D

(This annex forms an integral part of this Recommendation | International Standard)

D.1 Definitions

D.1.1 Identifier string: The first m bytes of the application data APi (for i = 1 to m) of an APPn marker segment containing a zero-terminated character string encoded according to Rec. ITU-T T.50 or ISO/IEC 646, generally intended to serve as a unique identifier for the APPn marker.

D.2 Known Application Marker usage

D.2.1.1 Application Markers

Table D.1 lists the known Application Markers code values. The table lists the APP markers, identifier strings and informative comments for each definition.

Table D.1 – List of known APP Marker definitions

Marker	Identifier String	Comment
APP0	JFIF	JPEG File Interchange Format
APP0	JFXX	Extended JFIF
APP0	CIFF	Camera Image File Format (used by some Canon models)
APP0	AVI1	JPEG AVI information
APP1	EXIF	Exchangeable Image File Format (including maker notes)
APP1	XMP	Extensible Metadata Platform (multi-segment)
APP1	QVCI	Casio QV-7000SX QVCI information

APP1	PIC	Accusoft Pegasus custom fields
APP2	ICC_PROFILE	International Color Consortium (multi-segment)
APP2	FPXR	FlashPix Ready (multi-segment)
APP2	MPF	Multi-Picture Format
APP2	PreviewImage	Samsung large preview (multi-segment)
APP3	Kodak Meta	Kodak Meta information (EXIF-like)
APP3	Stim	Stereo Still Image format
APP3	PreviewImage	Hewlett-Packard or Samsung (multi-segment) preview
APP4	Scalado	(presumably written by Scalado mobile software)
APP4	FPXR	FlashPix Ready in non-standard location (multi-segment)
APP4	PreviewImage	Continued Samsung preview from APP3
APP5	Ricoh RMETA	Ricoh custom fields
APP6	EPPIM	Toshiba PrintIM
APP6	NITF	National Imagery Transmission Format
APP6	HP TDHD	Hewlett-Packard Photosmart R837 TDHD information
APP7	NITF0003.A	NITF directory data segment
APP8	SPIFF	Still Picture Interchange File Format
APP10	Comment	PhotoStudio Unicode Comment
APP11	DD	Still image extension
APP12	Picture Info	ASCII-based Picture Information
APP12	Ducky	Photoshop "Save for Web"
APP13	Photoshop IRB	Image Resource Block (multi-segment, includes IPTC)
APP13	Adobe CM	Adobe Color Management
APP14	Adobe	Adobe DCT filter
APP15	GraphicConverter	GraphicConverter quality

3) Bibliography

Add the following to the Bibliography.

- [1] ISO/IEC 646:1991, *Information technology – ISO 7-bit coded character set for information interchange*
- [2] ITU-T Recommendation T.50 (1992), *International Reference Alphabet (IRA) (Formerly International Alphabet No. 5 or IA5) – Information technology – 7-bit coded character set for information interchange (Former CCITT T.50 Recommendation)*