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To: <scit.mail@wipo.int>
Date: Mon, Oct 10, 2005 9:35 AM
Subject: C.SCIT 2617-03 (Questionnaire concerning Formats for Figurative
Elements of Marks currenttly in use by Industrial Property Offices

Please find attached the questionnaire completed concerning the above
subject.

Best regards,

Nathalie Zeltner

Office for Harmonization in the Internal Market
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<<Modified additional questionnaire(final version).doc>>

CC: "TRAN Alexandre" <Alexandre.TRAN@oami.eu.int>

ADDITIONAL QUESTIONNAIRE CONCERNING FORMATS FOR FIGURATIVE ELEMENTS OF MARKS CURRENTLY IN USE BY INDUSTRIAL PROPERTY OFFICES

Task No. 20: Prepare, for adoption as a WIPO standard, a recommendation for the electronic management of the figurative elements of trademarks.

Please provide the following contact information in order for us to contact the person responsible for the Questionnaire in case of need:

Contact details of the Reporting Office:

Name of the Reporting Office (ST.3 two-letter country/organization code):

EM – OHIM - website: oami.eu.int & xxx.oami.europa.eu

Name of Person to contact : [TRAN Alexandre](#)

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QUESTIONNAIRE

SECTION I

QUESTION 1:

Does your Office process electronically the figurative elements of marks?

Fully Yes (in case that whole process employs digital image)

Partially Yes (in case that some parts of the process employ paper)

No

(a) Which format is your Office currently using for processing figurative elements of marks electronically?

(i) For scanning : (Master Image) – Long-Term storage in Optical Disk

	Black White	Grayscale	Color	Others
Image format	TIFF, JPEG	TIFF, JPEG	JPEG	
Image resolutions & Depth	300dpi, 1bit	300dpi, 8 bits	300dpi, 24 bits	
Minimum and Maximum size of image	No minimum Maximum A4	No minimum Maximum A4	No minimum Maximum A4	
Image color management techniques	None	None	None	
Compression technique & Rate	TIFF-G3, G4 JPEG Medium (Photoshop cut)	TIFF-G3, G4 JPEG Medium	JPEG Medium	

***Note:** Please fill out the blanks of all tables according to the comments as follow:

- Image format (TIFF, JPG, GIF, PNG, CCITT...specify with the version, e.g., TIFF Group 4),
- Image resolution and Depth (in dots per inch for resolution and dpi for depth),

- Minimum and Maximum size of image (specify physical size of the input image with unit, not the storage size of the resulting image)
- Image color management techniques (i.e., description of techniques applied to ensure reliable color reproduction)
- Compression technique and Rate (specify general or IPO's specific compression technique and rate)

(ii) For publishing : (File, XML, PDF, Paper) – The Master image is used “AS-IS” or converted to GIF (with Leadtools Imaging API)

	Black White	Grayscale	Color	Others
Image format				
Image resolutions & Depth				
Minimum and Maximum size of image				
Image color management techniques				
Compression technique & Rate				

**(iii) For displaying : Web Browsers : GIF conversion from the Master
Hyperscript-Tool Displayer: GIF conversion from the Master
FileNet Displayer : The Master Image
Microsoft Office : The Master Image or GIF**

	Black White	Grayscale	Color	Others
Image format				
Image resolutions & Depth				
Minimum and Maximum size of image				
Image color management techniques				
Compression technique & Rate				

(iv) For other purpose (please specify):

	Black White	Grayscale	Color	Others
Image format				
Image resolutions & Depth				
Minimum and Maximum size of image				
Image color management techniques				
Compression technique & Rate				

(b) In case of electronically processing the figurative elements of marks, what does your Office regard as an original image and how does your Office store it? (Please describe in detail.)

The original images (logo) received in paper are archived after scan in boxes (order by date and mail number) separately from the forms and attached B&W documents. It is possible to decide to destroy the B&W paper after a certain time and keep only colour images

QUESTION 2:

Does your Office electronically receive trademark images in digital format?

Yes (former floppy disk filing replaced now by e-filing)

No

(a) If "Yes," please specify your regulation or guideline for accepting digital images (specifically about size, format, media of an image).
There is an in-house developed software component for the control and conversion if necessary of all received image files. (Using Leadtools API)

(b) Does your Office accept color images?

Yes

No

(c) Does your Office apply different regulations or guidelines depend on the color of image? (e.g., differently on black-white image and color image)

Yes

No

(d) Please also indicate on each items listed below based on your regulation or guideline

	Black White	Grayscale	Color	Others
Image format				
Image resolutions & Depth				
Minimum and Maximum size of image				
Image color management techniques				
Compression technique & Rate				

QUESTION 3:

Who carries out the electronic capture?

Applicant (e-Filing and Fax - but no color fax for the moment)

Your Office (Scanning)

Applicant and your Office

Other (please specify):

QUESTION 4:

Indicate how the images of figurative elements of marks are displayed. (e.g., expandable thumbnails, thumbnails only, full screen image).

Normal (Original): _____

Expandable thumbnails: _____

Thumbnails only: _____

Full screen image: _____

Other (please specify): _____

*Note: Multiple choice is applicable

QUESTION 5:

- (a) **If your customer files a digital image that is not fully complied with relevant regulation or guideline, how does your Office handle it? (Please describe in detail.)**

Practically we always arrive to convert not fully compliant images to a compliant and acceptable format. (Photoshop, Leadtool, Paintshop Pro, using even sometime color copy to reduce a poster to A4 , etc.)

- (b) **Please identify if you "Touch Up" scanned images. What procedures and software tools do you have in place for "Touch Up"?**

After the batch scan, all image pass a quality control process and when necessary corrections can be done (with Photoshop):

- Modification of colours (brightness, fluo, steel) if scan copy can not well done. (very rare)
- Cleaning of stains or useless annotations. (sometime)
- Reduction and image junction (some cases of 3D logo).
- Clean-up & resize

- (c) **Please also specify your practice on ensuring the quality of mark images identical to original images:**

Training, calibration, use of good hardware and software

Person skilled: Photoshop & image/color processing technique training

Procedures (i.e., notification to applicants, etc.): _____

Regulation or guideline: _____

Imaging tool (i.e., scanner, software, etc.) : _____

Others (please specify): _____

QUESTION 6:

How many mark images are stored with the above-indicated format(s) in your Office's computer system(s)? (Please list breakdown by format)

TIFF	60 000
JPEG	94 000
Total ...	154 000

QUESTION 7:

Which color space does your Office currently use? (I.e., RGB, sRGB, YcrCb, etc.)
RGB for display in 16 M. colors

QUESTION 8:

Does your Office have color management system for equipment such as scanner, monitor, printer, etc to ensure the quality of image?

- Yes
 No

A color calibration is done for all new color equipment or when a quality problem is detected.

Scanners --- (*P)=Preferred:

(*P) Bell+Howell 3338 Simplex – Production B&W Batch Scan

(*P) Bell+Howell Spectrum 8000 Color – Production Color Batch Scan

Fujitsu fi-4990C (Old used as backup)

Epson GT 30000 – Quality Color Page Rescan

Color Printer:

Lanier 5813 (medium quality)

- (a) If "Yes," please specify your practice:
- (i) Calibration (please indicate specification of scanner, monitor, printer, etc.):
 - (ii) Profiling (or characterization):
 - If applying ICC profile: _____
 - Others: _____
 - (iii) Color transformation: _____

QUESTION 9:

Please indicate the list of software and/or hardware for the adoption as a WIPO standard on which your Office depends to process an image (in particular color image) electronically.

QUESTION 10:

Please identify any additional information that your office has discovered related to the processing of images. (i.e., best practices, problems, solutions, experiences, etc.)

SECTION II

QUESTION 1:

Please indicate your Office's current and future direction for other types of marks (i.e., sound mark, smell mark, motion mark, etc.)

OHIM's IT standards section intends to evaluate the emerging JPEG-2000 format which is interesting for Trade mark images and Design reproductions and views:

1°) Compatibility with JPEG

2°) Superior compression and quality – Lossy & lossless wavelet compression – file size can be reduced about 50% with better quality

3°) ISO standard 15444 (no royalties or patent)

4°) One format for all ? in 2008-2010 ?

Note:

With the e-communication, we need now to check by software files created by the applicant ... and to define in detail the “acceptable” format(s).

OHIM will accept for sound mark mp3 file (size maximum 1 MB)

QUESTION 2:

Please indicate the number of application/registration your Office currently has, grouped by the type of mark.

Word Mark	274101
Figurative	149664
3-D	3601
Other	366
Colour	440

Hologram	7
Sound	43
Olfactory	7
Total ...	428 229

QUESTION 3:

Please indicate, if any, the other types of marks mentioned in Question 1 of Section II are (is) processed in electronic form.

GLOSSARY

Color space:

A color model is an abstract mathematical model describing the way colors can be represented as tuples of numbers, typically as three or four values or *color components* (e.g. RGB and CMYK are color models). However, a color model with no associated mapping function to a reference color space is a more or less arbitrary color system with little connection to the requirements of any given application. For example, Adobe RGB and sRGB are two different color spaces, both based on the RGB model. (*Wikipedia, the free encyclopedia*)

Calibration:

The process of returning a device to known color conditions. Commonly done with devices that change color frequently, such as monitors (phosphors lose brightness over time) and printers (proofers and other digital printing devices can change output when colorant or paper stock is changed). (*Adobe.com*)

Profiling (Characterization):

Characterization is the process of identifying the relationship between a device-dependent color gamut and device-independent color. After a device has been calibrated, characterizing is the next process (sometimes referred to as profiling a device). Any production device that scans, displays, or prints a standard target comprised of many different solids and tints can be characterized. (*Adobe.com*)

ICC profile:

set of transforms from one colour encoding to another, e.g. from device colour coordinates to profile connection space, prepared in accordance with ICC.1. (*ISO 12231 and ISO 12647-1*)

Color transformation:

A transformation process that begins with color information that is encoded in one color space, or appropriate for one device, and produces corresponding information in a different color space, or for a different device. Color transformations are of particular interest in digital imaging where they are used to transform images from one device space to another, e.g. monitor RGB to printer CMYK). (*Chem industry.com*)