From: Loy Mhando <loymhando@yahoo.com>
To: <scit.mail@wipo.int>
Date: Thu, Oct 13, 2005 3:06 PM
Subject: RE: C.SCIT 2617 - 03

Attn: Neil Wilson

Dear Neil Wilson,

Attached please find a completed questionnaire concerning Formats for Figurative Elements of Marks Currently in use by the Industrial Property office of Tanzania (the Business Registrations and Licensing Agency - BRELA)

Best Regards,

Loy Mhando.

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		***TZ*** (ST.3 two-letter country/organization code) *Business Registrations and Licensing Agency (BRELA)*
Person to contact	Name:	*Mr. Mohamed Songoro/Miss. Loy Mhando*
	Tel. number:	*+255 22 2180 113/141*
	E-mail:	*mohamedsongoro@yahoo.com* *loymhando@yahoo.com*

Q U E S T I O N N A I R E

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**

If your Office processes electronically the figurative elements of marks (i.e., if you answered "Fully Yes" or "Partially Yes"):

(a) Which format is your Office currently using?

(i) For scanning:

	Black White	Grayscale	Color	Others
Image format			***JPG***	
Image resolution & Depth		***24-bit(2 24)***	***24bit 1b.7 million colours***	
Minimum and Maximum size of image			***1kb - 100kb***	
Image color management techniques		***Black & White***	***Different type of colours***	
Compression technique & Rate	***PNG*** ***L Z 77 Compression***	***MPEG*** ***B - FRAME*** ***I - FRAME*** ***P - FRAME***		

Note: Please fill in the 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:

	Black White	Grayscale	Color	Others
Image format			***JPG***	
Image resolution & Depth				
Minimum and Maximum size of image				
Image color management techniques				
Compression technique & Rate	***1.- Null compression - Run - length compression*** ***- keyword encoding*** ***- adaptive hufman coding and Lempel ziv algorithm*** ***2. - DCT Discrete Cosine Transform*** ***- fractal compression*** ***- warelet transform***			

Note: Please refer to the above comments.

(iii) For displaying:

	Black White	Grayscale	Color	Others
Image format			***JPG***	
Image resolution & Depth		***24bit (224)***	***24bit (16.7 million clours)***	
Minimum and Maximum size of image			***1kb - 100kb***	
Image color management techniques			***Different types of colours***	
Compression technique & Rate				

Note: Please refer to the above comments.

(iii) For other purpose (please specify):

	Black White	Grayscale	Color	Others
Image format			***JPG***	
Image resolution & Depth		***24bit (224)***	***24bit (16.7 million colours)***	
Minimum and Maximum size of image			***1kb - 100kb***	
Image color management techniques			***Different types of colours***	
Compression technique & Rate				

Note: Please refer to the above comments.

(b) What does your Office regard as an original image and how does your Office store it (please describe in detail)?

Insert your reply below (free text, table, etc.):

- *No policy regarding the original image*

- *The office stores images in form of jpeg in a thumbnail formal and normal format.*

QUESTION 2

Does your Office receive electronically trademark images in digital format?

YES ☐ NO ☒

(a) If "Yes," please specify your regulations or guidelines for accepting digital images (specifically about size, format, media of an image):

Insert your reply below (free text, table, etc.):

(b) Does your Office accept color images?

YES ☒ NO ☐

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

YES ☐ NO ☒

(d) Please also indicate your practice for each item listed below based on your regulations or guidelines:

	Black White	Grayscale	Color	Others
Image format			***JPG***	
Image resolution & Depth		***24bit (224)***	***24bit (16.7 million coulours)***	
Minimum and Maximum size of image	***1kb - 100kb***	***1kb - 100kb***	***1kb - 100kb***	
Image color management techniques	***16.7 million colours***		***Black and white and other colours***	
Compression technique & Rate	***- Null compression*** ***- Keyword encoding***			

Note: Please refer to the above comments.

QUESTION 3

Who carries out the electronic capture?

☐ Applicant
☒ Your Office
☐ 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:
- ☒ Expandable thumbnails:
- ☒ Thumbnails only:
- ☐ Full screen image:
- ☐ Other (please specify):

Note: You may choose more than one if applicable.

QUESTION 5

(a) If your customer files a digital image that does not fully comply with the relevant regulation or guideline, how does your Office handle it (please describe in detail)?

Insert your reply below (free text, table, etc.):

- *The office currently does not receive digital images, applications are filed in application forms the office then processes the capturing and scanning of the data and images respectively.*

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

Insert your reply below (free text, table, etc.):

- *Imaging scanning software*
- *Ms photo editor*
- *Adobe page maker*
- *Ms publisher*

(c) Please also specify which practice(s) is(are) used to ensure that the quality of mark images is identical to that of original images:

- Skilled person:

  Insert your reply below (free text, table, etc.):

  - Through internal training by the trained staff and IT division.

- Procedures (i.e., notification to applications, etc.):

  Insert your reply below (free text, table, etc.):

- Regulations or guidelines:

  Insert your reply below (free text, table, etc.):

  - There is no policy regarding the compliance of images captured by the office.

- Imaging tool (i.e., scanner, software, etc.:
  Insert your reply below (free text, table, etc.):

- Others (please specify):
  Insert your reply below (free text, table, etc.):

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)?

Insert your reply below (free text, table, etc.):

A total of seven thousand images (7000) are stored with the above-indicated formats in the office's computer system

QUESTION 7

Which color space does your Office currently use (i.e., RGB, sRGB, YcrCb, etc.)?

Insert your reply below (free text, table, etc.):

- *RGB*

QUESTION 8

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

YES ☒ NO ☐

If "Yes," please specify your practice:

(i) Calibration (please indicate specification of scanner, monitor, printer, etc.):

Insert your reply below (free text, table, etc.):

- *Model:* ***Printer****: hp laserjet 1300n*

  Specification: *printing speed 16 ppm*

  1200 x 1200 dpi

  16MB

Monitor:

i) Max resolution 1600 x 1200

ii) 30 – 107 khz/

50 – 160hz

iii) tube 21

iv) connection BNC

Scanner **hp 7400**

i) 2400 x 2400 dpi hardware resolution

ii) 48 bit colour depth

iii) Connect via USB

(ii) Profiling (or characterization):

If applying ICC profile: Insert your reply below (free text, table, etc.):

Others: Insert your reply below (free text, table, etc.):

(iii) Color transformation: Insert your reply below (free text, table, etc.):

- *Blue*
- *Red*
- *Green*
- *Alpha*

QUESTION 9

Please indicate the list of software and hardware on which your Office depends to process electronically an image (in particular color image), which information could eventually be used to establish a new WIPO standard:

Insert your reply below (free text, table, etc.):

- *hp scanjet software*
- *illustrator*
- *Microsoft photo editor*

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.):

Insert your reply below (free text, table, etc.):

- *Before the WIPO Intellectual Property Automated System (IPAS) was introduced to our office, logos received were not classified using the VIENNA classification of figurative elements. Classification of images using VIENNA classification is a new concept that needs the office to classify all the figurative elements in the database. The office therefore needs more training of its staff since search can not be conducted using the IPAS without classifying the logos by VIENNA Classification.*

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.):

Insert your reply below (free text, table, etc.):

- Currently the office registers Trade and Service Marks in the form of word marks, logos (devices) and a mixture of words and logos. Our Trade and Service Mark Law does not provide for protection of other marks like sound marks, smell marks, motion marks, etc.

QUESTION 2

Please indicate the number of applications/registrations your Office currently has, grouped by the type of mark:

Insert your reply below (free text, table, etc.):

*The office currently has a total number of **1159** trademarks and **354** servicemarks applications and a total number of **31008** registered trademarks and 2891registered service marks.*

QUESTION 3

Please indicate if your Office processes in electronic form any other types of marks besides those mentioned in Question 1 of Section II:

Insert your reply below (free text, table, etc.):

- The office does not process electronic form of any other types of marks besides word marks, logos (devices) and mixture of words and logos.

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*)

[End of Annex and of questionnaire]