The following is a very quick step-by-step guide to adjust the EXIF data of an HS10 image to be opened in RFC EX. This guide refers to MS Windows XP and MS Seven operating environments, that I personally tested. I'm confident it works on MS Vista too, but I can't test on Linux nor Mac. This is not a complete EXIFTool guide. Please refer to the program documentation for a complete application guide.

## Always make a backup copy of images before modifications.

1) download EXIFTool and EXIFToolGUI from their respective sites:

- <u>http://www.sno.phy.queensu.ca/~phil/exiftool/</u>
- <u>http://freeweb.siol.net/hrastni3/foto/exif/exiftoolgui.htm</u>

Both are free software, so no license is needed and run "as-is", without the need of a proper installation.

2) unzip EXIFToolGUI in a folder of your choice, maybe in your "program files" directory. You may need administrative privileges to do this. In case you haven't such a grant, put it elsewere for example in C:\EXIFToolGUI.

3) Unzip EXIFTool in a temporary folder, for example in :C\temp\EXIFTool. Copy the executable exiftool(-k).exe into EXIFToolGUI folder you created at step 2. Rename exiftool(-k).exe to exiftool.exe. EXIFToolGUI folder should now contain the following items:

- exiftool.exe
- exiftoolgui.exe
- exiftoolgui.ini
- exiftoolgui.txt
- \jhead\_jpegtran (folder)

4) (optional) you may create a link from exiftoolgui.exe to your desktop to be more comfortable, if you like.

5) run exiftoolgui.exe. The main window appears like in fig. 1:

ExifTool GUI			
Program Options Export/Import Modify Various			
	Thumbs Filter: *.jpg List*	All EXIF IPTC XMP	Maker Custom
표 🚞 2011-02-25 Visita oculistica a Santamarinella 🔼	Nome 🔺 🔼	Edit »	Exiftool direct
🗉 🛅 2011-02-27 Carnevale a Castelchiodato	SCF3023.JPG	Tag Name	Content
2011-03-05-06 Carnevale e festa di Francy	SCF3023.RAF		EXIF
🗄 🎦 2011-06-02 al Bioparco	SCF3027.JPG	Make	FUJIFILMS
	SCF3027.RAF	Model	FinePix HS10 HS20
TOSUSIACK 9418 MOE Multicapale su 'EMC-SNAS'TS 6 46 40	🔤 DSCF3028.JPG 🧮	Orientation	Horizontal (normal)
Customer, insight su 'Sry15aldobrati' (7)	SCF3028.RAF	XResolution	72
Cascolio _nogre sa si naciaconati (21)     Pannello di controllo	SCF3029.JPG	YResolution	72
	SCF3029.RAF	ResolutionUnit	inches
	E DSCF3030.JPG	Software	Digital Camera FinePix HS10 HS
	SCF3030.RAF	ModifyDate	2011:02:06 14:36:36
	SCF3031.JPG	YCbCrPositioning	Co-sited
	SCF3031.RAF	Copyright	
	SCF3032.JPG	ExposureTime	1/550
all the second second	DSCF3032.JPG_original	FNumber	5.6
	DSCF3032.RAF	ExposureProgram	Aperture-priority AE
	🗟 DSCF3032.RAF_original	ISO	200
	E DSCF3033.JPG	ExifVersion	0220
	SCF3033.RAF	DateTimeOriginal	2011:02:06 14:36:36
	🔤 DSCF3034.JPG	CreateDate	2011:02:06 14:36:36
		ComponentsConfiguration	Y, Cb, Cr, -
		CompressedRitsDerDivel	2
1 files selected			.::

## Figura 1

The main window is organized this way:

- a) the left column lists your directory and drives and a preview of the selected image
- b) the central column lists all images of the selected directory
- c) the right column lists the metadata of the selected image.

6) On the left column, navigate your disk and select the folder that hosts your images. Upon selection, the list of all available images is shown in the central column.

7) On the central column, select the image file you want modify. Upon selection, a thumbnail appears on the left column below the directory listing and the complete list of all available metadata fulfils the right column.

8) In the upper part of the right column, please press the EXIF button if not already pressed. EXIF data should be loaded. Now you can scroll the entire attribute list using the vertical scroll bar on the right. The list is divided in "tag name" and "Content", that's the current value.

9) to edit the EXIF data of the currently selected image, click on the upward arrow button just below the EXIF button. A new window opens to let you edit EXIF metadata:

EXIF			
Main Camera	a settings Image properties Various		
Camera / Equip	ment		Cancel
Make:	FUJIFILMS	🔳 -keep as is	
Model:	FinePix HS20EXR	🔳 -keep as is	
Software:	Digital Camera FinePix HS10 HS11 Ver1.04	🔳 -keep as is	
	-		
-DateTime			
Note: No range	checking is performed for YYYY:MM:DD hh:mm:ss		
Def	ModifyDate: 2011:02:06 14:36:36	🔳 -keep as is	
	DateTimeOriginal: 2011:02:06 14:36:36	🔳 -keep as is	
	CreateDate: 2011:02:06 14:36:36	🔳 -keep as is	
L			
Image			
Def Artist:	-	🔳 -keep as is	
Copyright:		🔳 -keep as is	
Description:	-	-keep as is	
			🗹 -backup
UserComment:	-	-keep as is	Save
· · · · · · · · · · · · · · · · · · ·			

Figura 2

10) In the "Model" textbox, you'll find "FinePix HS10 HS11". Click inside the textbox, cancel the string "HS10 HS11" and type "HS20EXR". The final content of the field should be like in fig. 2 above: "FinePix HS20EXR".

11) click on the "Save" button on the lower right corner of the window. After few seconds a small dialog appears to confirm that the EXIF data have been modified:

ExifToolGUI		
1 image files updated		
ОК		
Figura 3		

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12) Run RFC EX and open the directory that contains the modified image, load that image and edit your way.

Notes:

1) the process is fully reversible: you can always change back the "Model" content to the original and have it loadable in RFC again.

2) RFC refuses to open the image after modification unless you reverse the change

Suggestions:

1) Always make a backup copy of images before modifications. EXIFToolGUI provides several ways to backup and restore metadata, but a plain old file copy of the image will let you stay safe.

Bye

Pietro