



## Colour quality audit in reproduction and print

### Colour Splash Questionnaire: Part 1

In the following questionnaire, the answers will enable Colour Splash to ascertain your organization's current operational status. It will help give us a picture of your current operation prior to us making a visit.

All of the following information will remain confidential between Colour Splash and (insert name of client here). It will also form the basis of a quality Audit.

This information could be used at a later stage to allow the (insert name of client here) to participate in the IFRA quality club, if they wish to do so.

## Colour Splash Quality Audit Questionnaire

Please answer the below listed questions as well as you can in order to aid Colour Splash to best ascertain what is happening in your current working set up.

### 1. Scanning

- 1.1 What kind of scanner(s) used?  flatbed scanner  drum scanner  
 slide scanner  other: \_\_\_\_\_
- 1.2 Which kinds of originals do you scan?  reflection prints  slides  
 negatives  printed materials
- 1.3 Size of scanner(s)  A4  A3  
 other: \_\_\_\_\_
- 1.4 Do you use scanner ICC profiles?  Yes, generic profile(s)  
 Yes, self created  
 No ICC profiles used
- 1.5 Scan software used  Photoshop plug-in  
 other: \_\_\_\_\_
- 1.6 Manufacturer and model of scanner(s) \_\_\_\_\_
- 1.7 Computers used for scanning?  Macintosh PCs  WIN PCs  
 other: \_\_\_\_\_

### 2. Colour separation

- 2.1 What is your total ink coverage?  240%  other: \_\_\_\_\_
- 2.2 What is your maximum black (K)?  95%  other: \_\_\_\_\_
- 2.3 Do you use GCR?  No GCR  Yes, light GCR  
 Yes, heavy GCR
- 2.4 Do you use an ICC press profile?  No ICC profile  
 Yes, an own one  
 Yes, from IFRA  
 Yes, from \_\_\_\_\_
- 2.5 Colour separation tools used  Photoshop 5.x or newer version  
 Photoshop 4.x or older version  
 other: \_\_\_\_\_
- 2.6 Computers used for colour work?  Macintosh PCs  WIN PCs  
 other: \_\_\_\_\_

### 3. Monitors in reproduction department

- 3.1 Do you have consistent environmental light in the reproduction department?  
 Yes, at about 14 cd/m<sup>2</sup> (50 lx)  
 Yes, at: \_\_\_\_\_  No
- 3.2 Age of monitor?  > 4 years  < 4 years
- 3.3 Do you use a monitor shade?  
 ≥ 70 cd/m<sup>2</sup>  < 70 cd/m<sup>2</sup>
- 3.4 Light emission of monitor?  
 3.4 Light emission of monitor?  
 5000 K (D50)  other: \_\_\_\_\_
- 3.5 Colour temperature of monitor?  
 1.8  other: \_\_\_\_\_
- 3.6 Monitor gamma?  
 about L\* 10  other: \_\_\_\_\_
- 3.7 Max. monitor black?  
 Yes, once a day  
 Yes, once a week  
 Yes, once a month  
 Automatic calibration.  
 Not calibrated  
 other: \_\_\_\_\_
- 3.8 Is your monitor calibrated?
- 3.9 Do you use monitor ICC profiles?  Yes  No
- 3.10 Which device used for calibration?  
 Colorimeter  
 Spectrophotometer
- 3.11 Manufacturer and model of monitor(s) \_\_\_\_\_

### 4. Digital hard copy proofing

- 4.1 Do you use a hard-copy proofing device?  Yes  No
- 4.2 Does it print on newsprint stock?  
(or on similar stock?)  Yes  No
- 4.2i Is the stock nothing like Newsprint and has to simulate the final result?  
 Yes  No
- 4.3 Manufacturer and model of proofing device \_\_\_\_\_
- 4.4 Which data do you proof?  
 Data (CMYK/RGB), not colour managed  
 Colour managed bit-map data (CMYK)

## Colour Splash Quality Audit Questionnaire

- Colour managed contone data (CMYK)
- Colour managed contone data (RGB/LAB)
- other: \_\_\_\_\_

4.5 Do you use a proof ICC profile?  Yes  No

4.6 How is colour management done?  within Photoshop?  
 at the proof-RIP?  
 at the server?  
 other: \_\_\_\_\_

4.7 Is your proofer calibrated regularly?  Yes, once a day  
 Yes, once a week  
 Yes, once a month  
 Automatic calibration  
 Not calibrated  
 Other: \_\_\_\_\_

4.8 What do you proof?  Single adverts  
 Editorial pictures/pages  
 Full pages  
 Scatter proofs

### 5. Soft proofing (monitor based)

5.1 Do you use a soft proofing?  Yes  No

5.2 Manufacturer and model of system \_\_\_\_\_

5.3 Which data do you proof?  Bit-map data (CMYK), not colour managed  
 Colour managed bit-map data (CMYK)  
 Colour managed contone data (CMYK)  
 Colour managed contone data (RGB/LAB)  
 Other: \_\_\_\_\_

5.5 Do you use a monitor ICC profile?  Yes  No

5.6 How is colour management done?  at the server  
 in the soft proof RIP  
  
 other: \_\_\_\_\_

5.7 Is your soft proof monitor calibrated?  Yes, once a day  
 Yes, once a week  
 Yes, once a month  
 Automatic calibration.  
 Not calibrated  other: \_\_\_\_\_

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**6. Screening/RIP**

- 6.1 Which dot shape do you use?       round       elliptical
- square
- frequency modulated screening
- other: \_\_\_\_\_

- 6.2 Which screen angles do you use?      C = 15°, M = 75°, Y = 0°, K = 135°
- other angles:
- Cyan:            \_\_\_\_\_ °
- Magenta:        \_\_\_\_\_ °
- Yellow:          \_\_\_\_\_ °
- Black (K):        \_\_\_\_\_ °

- 6.3 Which screen ruling do you use?       100 lpi      (40 Lines/cm)
- 85 lpi      (34 Lines/cm)
- other: \_\_\_\_\_

6.4 RIP manufacturer and model? \_\_\_\_\_

- 6.5 RIP-Platform?       WIN PC       Macintosh
- Sun Sparc       other: \_\_\_\_\_

**7. Film output**

- 7.1 What kind of film do you output?       positive  negative
- 7.2 What is your solid density?       about 4D  other: \_\_\_\_\_
- 7.3 What is the dot gain on film at 50%?       ± 1%  other: \_\_\_\_\_ %
- 7.4 What is the smallest dot on film?       2-3%  other: \_\_\_\_\_ %
- 7.5 Film manufacturer?       Agfa       Kodak
- Fuji       other: \_\_\_\_\_
- 7.6 Type of film?       Hard Dot Film  other: \_\_\_\_\_
- 7.7 Do you use an online-developer?       Yes  No
- 7.8 Manufacturer and type of imagesetter? \_\_\_\_\_

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### 8. Plate making

- 8.1 What kind of plate making system?  Contact exposure, negative plates  
 Contact exposure, positive plates  
 Camera exposure, positive plates (OPC)  
 Direct exposure, Computer to Plate
- 8.2 Do you use a plate control target?  Yes, for checking the hardness of plates  
 Yes, for checking the dot gain on plates  
 No
- 8.3 Which plate control target in use?  UGRA/FOGRA target 1982
- 8.4 If you use the UGRA/FOGRA target 1982, which micron rings are copied?  
 10-12  $\mu\text{m}$   12-15  $\mu\text{m}$
- 8.5 What is your dot gain on the plate compared to the film values at 50%?  
 3-4%  other: \_\_\_\_\_
- 8.6 Manufacturer of plate copy system? \_\_\_\_\_
- 8.7 Manufacturer and kind of plates?  Afga: \_\_\_\_\_  
 Kodak/Polychrome: \_\_\_\_\_  
 Fuji: \_\_\_\_\_  
 other: \_\_\_\_\_

### 9. Printing

- 9.1 What is your dot gain in printing compared to film values? \_\_\_\_\_%
- 9.2 What is your dot gain spread between the 4c colours?  up to 6%  
 other: \_\_\_\_\_%
- 9.3 What is your grey balance in printing?  C=50%, M=40%, Y=40%  
 C=\_\_\_%, M=\_\_\_%, Y=\_\_\_%
- 9.4 What are your solid printing densities?  C=0.9 / M=0.9 / Y=0.9 / K=1.1  
(DIN E, pol. filter, zeroed on paper)  
 C=0.\_\_\_\_ / M=0.\_\_\_\_ / Y=0.\_\_\_\_ / K=1.\_\_\_\_
- 9.5 Single width or double width press?  single width  double width
- 9.6 Manufacturer and kind of press? \_\_\_\_\_
- 9.7 Year of installation of the press \_\_\_\_\_

**Colour Splash Quality Audit Questionnaire**

**10. Materials**

10.1 Which paper do you use?  Standard Newsprint  
 Improved newsprint  
 Coated Newsprint  
 Other: \_\_\_\_\_

10.2 What is the news shade? LAB L\*=80, a\*=0, b\*=4 (ISO 12647-3)

Other LAB  L\*= \_\_\_\_\_ a\*= \_\_\_\_\_ b\*= \_\_\_\_\_

10.3 What specific weight of stock do you use?  48 g/m2  
 45 g/m2  
 42,5 g/m2  
 other: \_\_\_\_\_ g/m2

10.4 Are the colours of your inks compliant with ISO 12647-3?  Yes  No

**11. Colour Management**

11.1 Do you use colour management?  Yes  No

11.2 Do you have a spectrophotometer (to measure prints)?  Yes  No

Is it an automatic Spectrophotometer?  Yes  No

Which model (make and type) do you have? Supplier: \_\_\_\_\_  
Model: \_\_\_\_\_

11.3 Do you have a colorimeter (for monitors)?  Yes  No

Which model (make and type) do you have? Supplier: \_\_\_\_\_  
Model: \_\_\_\_\_

11.4 Do you have calibrated scan targets (IT8.7/1 and 2)  Yes  No

11.5 Which Colour Management Software do you use? Supplier: \_\_\_\_\_  
Model: \_\_\_\_\_

11.6 Is there any ICC standard being used?  Yes  No

## 12. Picture Receipt

12.1 How many pictures received on average a day? \_\_\_\_\_

12.2 What are your primary agencies?  Reuters  AP  
 PA  EPA  
 AFP  
 Other  
 \_\_\_\_\_  \_\_\_\_\_  
 \_\_\_\_\_  \_\_\_\_\_  
 \_\_\_\_\_  \_\_\_\_\_  
 \_\_\_\_\_  \_\_\_\_\_

12.2 How many photographers do you have?  \_\_\_\_\_

12.2 How many pictures by these are sent in? Digital  \_\_\_\_\_  
Flat copy  \_\_\_\_\_  
Transparency  \_\_\_\_\_  
CD/DVD  \_\_\_\_\_  
Other  \_\_\_\_\_

12.3 How do the pictures get into MidDay?  FTP  
 E-mail  
 Scanned flat copy  
 Scanned Transparency  
 Other

12.4 Where are the pictures Stored?  Individual agency folders  
 In a formal structure  
 By photographer name  
 In a big Bucket (one folder)

12.5 How are the pictures managed?  IPTC information  
 Proofed manually moved

12.6 Are the pictures electronically moved?  Yes  No

12.7 Are the pictures saved away in an Archive?  Yes  No

12.8 If IPTC is used who is responsible for updating IPTC data strings.  
 Photographers  
 Picture desk  
 Editorial staff  
 Other

12.9 Are your photographers using Digital or film cameras?  Yes  No  Both



Colour Splash Quality Audit Questionnaire

13.0 Hardware

13.1 What hardware is in use at this time?

PC  \_\_\_\_\_

- Type  \_\_\_\_\_
- Type  \_\_\_\_\_
- Type  \_\_\_\_\_
- Type  \_\_\_\_\_
- Type  \_\_\_\_\_
- Type  \_\_\_\_\_
- Type  \_\_\_\_\_
- Type  \_\_\_\_\_

Mac  \_\_\_\_\_

- Type  \_\_\_\_\_
- Type  \_\_\_\_\_
- Type  \_\_\_\_\_
- Type  \_\_\_\_\_
- Type  \_\_\_\_\_
- Type  \_\_\_\_\_
- Type  \_\_\_\_\_
- Type  \_\_\_\_\_

Sun Sparcs  \_\_\_\_\_

- Type  \_\_\_\_\_
- Type  \_\_\_\_\_
- Type  \_\_\_\_\_
- Type  \_\_\_\_\_

Windows servers  \_\_\_\_\_

- Type  \_\_\_\_\_
- Type  \_\_\_\_\_
- Type  \_\_\_\_\_
- Type  \_\_\_\_\_

Mac Servers  \_\_\_\_\_

- Type  \_\_\_\_\_
- Type  \_\_\_\_\_
- Type  \_\_\_\_\_
- Type  \_\_\_\_\_

Other server  \_\_\_\_\_

- Type  \_\_\_\_\_
- Type  \_\_\_\_\_
- Type  \_\_\_\_\_
- Type  \_\_\_\_\_

13.2 Do you have a preference for certain hardware.  Yes  No

## Colour Splash Quality Audit Questionnaire

### 14.0 Software versions

14.1 What versions of Photoshop are in use      PC     \_\_\_\_\_

Mac     \_\_\_\_\_

14.2 What versions & how many?      Version 4     \_\_\_\_\_

Version 5.5     \_\_\_\_\_

Version 6     \_\_\_\_\_

Version 7     \_\_\_\_\_

Version 8     \_\_\_\_\_

Version CS     \_\_\_\_\_

14.3 Are there any extensions/plugin-ins frequently used?

Yes       No

14.4 If yes what are they used for?       \_\_\_\_\_

14.5 What page makeup application is used?     Quark Xpress \_\_\_\_\_

Adobe InDesign \_\_\_\_\_

PageSpeed \_\_\_\_\_

Hermes \_\_\_\_\_

Other \_\_\_\_\_

14.6 What illustration package is used       Adobe illustrator \_\_\_\_\_

FreeHand \_\_\_\_\_

Other \_\_\_\_\_

14.7 Other applications       Adobe Acrobat (Version) \_\_\_\_\_

FTP software \_\_\_\_\_

Microsoft \_\_\_\_\_

Equilibrium DeBabelizer® \_\_\_\_\_

## Colour Splash Quality Audit Questionnaire

14.8 is there an editorial system in use?

Version?

Any of Adobe's CS3 products \_\_\_\_\_

Quark QPS \_\_\_\_\_

CCI \_\_\_\_\_

DTI \_\_\_\_\_

Hermes \_\_\_\_\_

Other \_\_\_\_\_

14.9 What levels, of software are in use at this time? Please state **all** no matter how trivial.

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