

NEWSQUEST OXFORDSHIRE PRINT CENTRE

PAGE TRANSMISSION SPECIFICATION



NEWSPAPER HOUSE

OSNEY MEAD

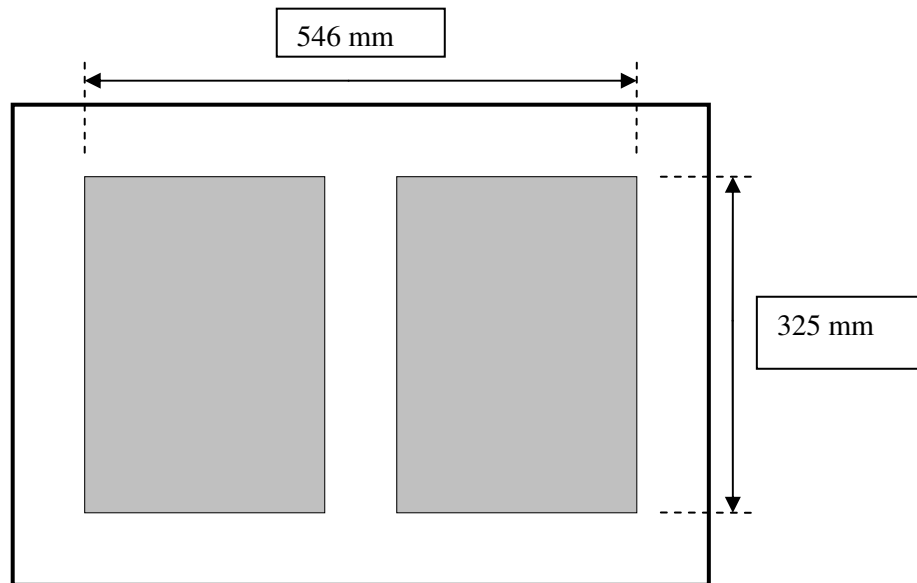
OXFORD OX2 0EJ

Section A: PAGE PROTOCOL

PAGE SIZE

The correct page size and layout must conform to the physical and technical specification. The maximum usable area on the plate for Newsquest Oxfordshire Print Centre is 546 mm x 325 mm.

To ensure that the image is positioned correctly in the usable plate area the CtP workflow is configured so that it will automatically position the image in the correct position on the plate. This plate configuration is based on receiving the final PDF the same size as the image area which is 259mm x 325mm for a single tabloid page and 546mm x 325mm for a centrespread.



TABLOID IMAGE AREA.

The image of both pages and its spine in a tabloid pair must not exceed 546 mm x 325 mm. The image of a spread (centre) must not exceed 546 mm x 325 mm.

Single Tabloid Page Document size

The document size is the same size as the imaged page.

eg: the imaged tabloid page, **including folio and date**, equals 259 mm x 325 mm.

The document size is also 259 mm x 325 mm.

Centrespread Tabloid Document size

The document size is the same size as the imaged page.

eg: the imaged tabloid spread, **including folio and date**, equals 546 mm x 325 mm.

The document size is also 546 mm x 325 mm.

Facing Page Bled Spread Tabloid Document size

If a Facing Page bled spread is required then this must be supplied as a printer's pair of pages composed on a centrespread template. Eg.48pp paper. Page 2 and 3 bleed into the fold to give a spread effect. Page 2 must be positioned on the left of the centrespread document bleeding into the fold with its opposite printer's pair (page 47) positioned on the right of the centrespread document. The PDF (page) number should be the low page number, i.e. 002.

Page 3 must be positioned on the right of the centrespread document bleeding into the fold with its opposite printer's pair (page 46) positioned on the left of the centrespread document. The PDF (page) number should be the low page number, i.e. 003.

BROADSHEET IMAGE AREA

The image area of a broadsheet page must not exceed 548 mm x 326 mm.

The document size is the same size as the imaged page.

eg: the imaged broadsheet page, **including folio and date**, equals 548 mm x 326 mm.

The document size is also 548 mm x 326 mm.

Section B: NAMING CONVENTION

PDF FILENAME

The PDF filename must conform to a common naming policy.

There are two main reasons for this.

1. Automatic File Handling
2. Press Ink Preset.

AUTOMATIC FILE HANDLING

The configuration of the CTP/PECOM systems at Newsquest Oxfordshire Print Centre is such that incoming PDF's are automatically routed through the system into the correct publication folder prior to pairing, viewing and subsequent output automatically positioned on the usable area of the plate.

Files are routed based on the information held in the filename. Therefore, if the naming convention is incorrect the PDF's will fall into the Error folder.

This will incur lengthy delays.

PRESS INK PRESET

The correct naming convention is required to enable the PECOM Press Management System to correctly track and compute ink control files supplied by the CTP system.

Press Ink Preset is used to automatically set the ink zones in order to provide the correct amount of ink at start-up. Thus, saving time and reducing waste.

PECOM matches its print run Production name with the incoming filename. If no match is found then the presets are lost.

NAMING CONVENTION

The system requires six elements which must be put in at the Send site. Five are mandatory, the sixth is optional.

e.g.

HS_2605_MAIN_ABE1_001.pdf (see below for sixth element.)

HS = Publication code

Product codes will be agreed for each title and entered on the CTP/PECOM systems. It is important that there no clashes with other publications.

2605 = Publication date

The date format will be ddmm

MAIN = Section name

Section names are used to identify parts of the paper like motoring, property and are a requirement for the CTP/PECOM systems. The Section name will be agreed and entered in the CTP/PECOM systems.

The following rules apply.

If the paper is continuously numbered it is deemed to be only ONE section, called MAIN, irrespective of whether there is Motoring, Property etc.

If the paper has multiple sections and each section starts at page 1, the sections have to be correctly identified and named.

e.g. Main book = MAIN, Motoring = MOTR, Property = PROP, Wrap = WRP1.

For full list of Section Names see Appendix.

ABE1 = Edition code

The Edition code represents whether the edition is a regional edition, or an early/late edition of a publication.

The first two characters represent the regional edition.

e.g. AB = Abingdon edition of the Herald Series.

The last two characters represent whether there is early and late editions. Where there is only one edition it will be deemed an early.

e.g. E1 = early. E2 = late.

The Edition code is entered on the CTP/PECOM systems.

Example of the Herald publications.

HS_2605_MAIN_ABE1_001.pdf - Abingdon

HS_2605_MAIN_DTE1_001.pdf - Didcot

HS_2605_MAIN_WLE1_001.pdf - Wallingford

HS_2605_MAIN_WNE1_001.pdf - Wantage

N.B. Each element must be separated with an underscore.

001 = Page number

Page number requires leading zero's.

Optional sixth element

R1

R1 - represents a resent page. The number indicates the number of times that the page has been resent.

Example R1 states that the page has been sent for a second time.

e.g. - HS_2605_MAIN_ABE1_001R1

The purpose of a resend code is to ensure that the correct set of plates are mounted on the press resulting in the correct page being printed.

When a page containing a Resend code is received the CtP system will display a screen message notifying the CtP operator that a resend has been received. The CtP system will archive the original page and create a new version at the same time creating a log of versions for that page. The CtP system will also print a resend code in the plate info on the plate bend informing the press.

If a resend code is omitted then there is no notification to CtP or Press and the original page is overwritten. Thus, no archive is created. This could result in the wrong version of the page being printed.

Therefore, it is important that the resend code is included in pages that are resent.

PAGE PLANS

Page Plans provide key information which is stored in the Press and CTP systems. Without this information the Press and CTP systems do not operate. As a result this will incur lengthy delays.

REQUIRED PAGE PLAN DETAIL

1. The page imposition plan must contain the following information:
 - Pagination,
 - Editions
 - Change pages
 - Colour positions (editorial and advertising)
 - Double-page spreads (including Bled spreads)
 - Multiple sections with own folio range
 - Print run
 - Bundle sizes
 - Pallet numbers.
2. Page plans required no later than 4 hours before Make-ready.
3. The Send Site cannot transmit pages until the plans are in the systems.
4. 75% of the book is required to be plated ready for the start of press make-ready.
5. Page Imposition plan to be faxed to numbers below:
 - CTP Fax number: 01865 425559
 - Press Fax number: 01865 425322
6. It would be preferred that the page plan information is supplied on the document provided.
See Appendix for an example.

DIGITAL FILE DELIVERY

The only file format sent to Newsquest Oxfordshire Print Centre is PDF.

PRINT READY PDF REQUIREMENTS

- Before creating the PDF file embed ALL elements, convert Pantone to CMYK, convert JPEG files within the document into EPS format. Text Black should be made-up of 100% black, (not colours)

Save the whole document as an EPSF then convert to a PDF file.

- Single page PDF equal to page image size (259mm x 325mm).
- Centrespread PDF equal to a pair of tabloid pages plus the spine (546mm x 325mm).
- All fonts must be embedded in the PDF.
- Subsets fonts are not accepted.

N.B. It is the client's responsibility to ensure that transmitted PDF's contain embedded fonts. Fonts are not loaded on Newsquest Oxfordshire Rip's. If a requested font does not exist then Courier is used.

- RIP support PDF version 1.3.
- Type 1, Postscript fonts and Single-byte PC TrueType fonts are accepted.
- Colour composite PDF's are required for colour work.
- All colour images and colour graphics must be in CMYK (not RGB).
- Positive Reading.
- Resolution of Imagesetter = 1200 dpi
- Supplied Print Ready PDF's should be generated to Press Quality settings by Adobe Distiller or Asura, including any supplied PDF element within the page.
- PDF's should be generated to the required dimensions (see section A – Page Size) so that the image is automatically positioned in the correct position on the printing plate by the CtP system.
- The PDF filename should be the correct syntax. Details will be given when printing is confirmed.

N.B. Failure to provide Print Ready PDF's in the required format could result in PDF's not ripping, ripping correctly, incorrect positioning on the plate template, error due to incorrect PDF filename.. To which the client would have to correct and re-submit which would incur delays and could result in missing the scheduled print slot. (Oxford Press Centre have no facilities to correct Client's work.)

- Test pages are required prior to a live publication.

PDF TRANSMISSION

The preferred method is for clients to send PDF's to Oxford's FTP server.

Details will be given when printing is confirmed.

If the client has a FTP facility then a FTP profile could be set up which is accessed by Oxford CtP.

Alternative transmission is via e-mail (details given when printing confirmed), CD, Memory Stick..

MECHANICAL DATA

IFRA PRESS STANDARDS

The GEOMAN is set up in accordance with the IFRA Press Acceptance Testform. It provides an even ink distribution and targets to all relevant printing parameters (dot-gain, register, ghosting, slurring, doubling)

The GEOMAN will print to Newsprint ISO 12647.3 (encompassing IFRA Quiz 26), density and registration.

PRINTING & SCANNING INFORMATION

ICC profile = Newspaper 26

Ink density = 0.8 cyan, 0.8 magenta, 0.7 yellow, 1.1 black

Maximum ink coverage = 220% in any given area.

Print colour sequence = CMYK

Dot gain = 22%

Highlight dot % = 3%

Shadow dot % = 97%

Line art resolution = 600dpi

Image resolution - mono = 150dpi

Image resolution - colour = 200dpi

Dot shape = Round Euclidean

Plate-setter Resolution = 1200 dpi

Screen ruling - colour = 100lpi

Screen ruling - mono = 100lpi

Screen angles - cyan 15, magenta 75, yellow 0, black 45

APPENDIX

SECTION NAMES

Section names are used to identify parts of the paper like motoring, property and are a requirement for the CTP/PECOM systems. The Section name is entered on the CTP/PECOM systems.

The following rules apply.

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e.g. Main book = MAIN, Motoring = MOTR, Property = PROP, Wrap = WRP1.

Section names will be agreed and entered in the CTP/PECOM systems.

SECTION NAME

MAIN = main book

MOTR = motoring section

PROP = property section

SUP1 = general supplement

SUP2 = if two supplements exist in the same publication.

SUP3 = if three supplements exist in the same publication.

WRP1 = if publication carries a wrap around the book.

WRP2 = if publication carries a second wrap around the book.