POLIGRAF

from TeX to printing house

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The *Poligraf* package is
a format-independent support package for
TeX, facilitating the preparation of TeX
documents for printing in professional
printing houses. *Poligraf* surrounds a page
with graphical elements such as crop
marks, registration marks, color steps, color
bars etc. The package can also be used for
colour separation (as an interface for the
package CMYK-HAX). The *Poligraf* package
was first presented at the BachoTeX´96
conference.

EXAMPLE PICTURE

SEPARATIONS

CYAN
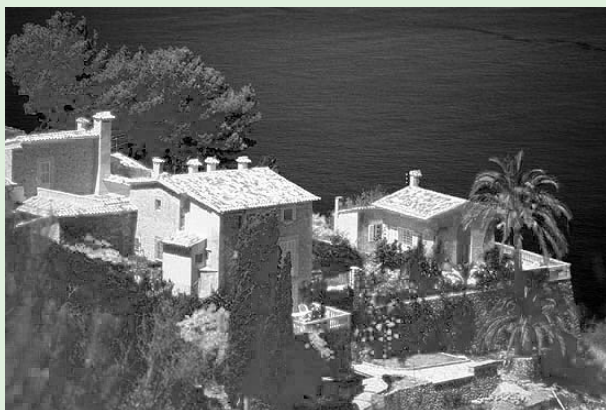
MAGENTA

YELLOW

BLACK

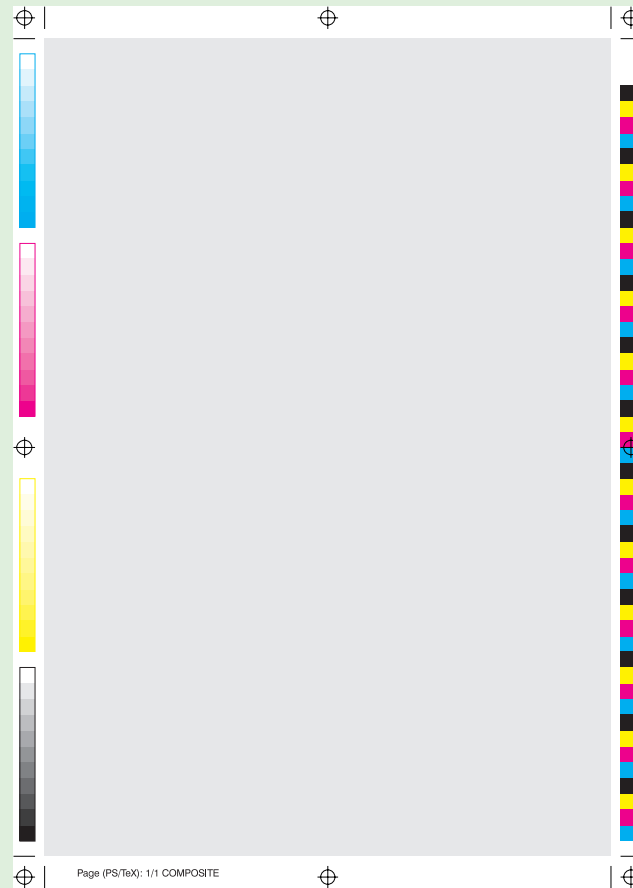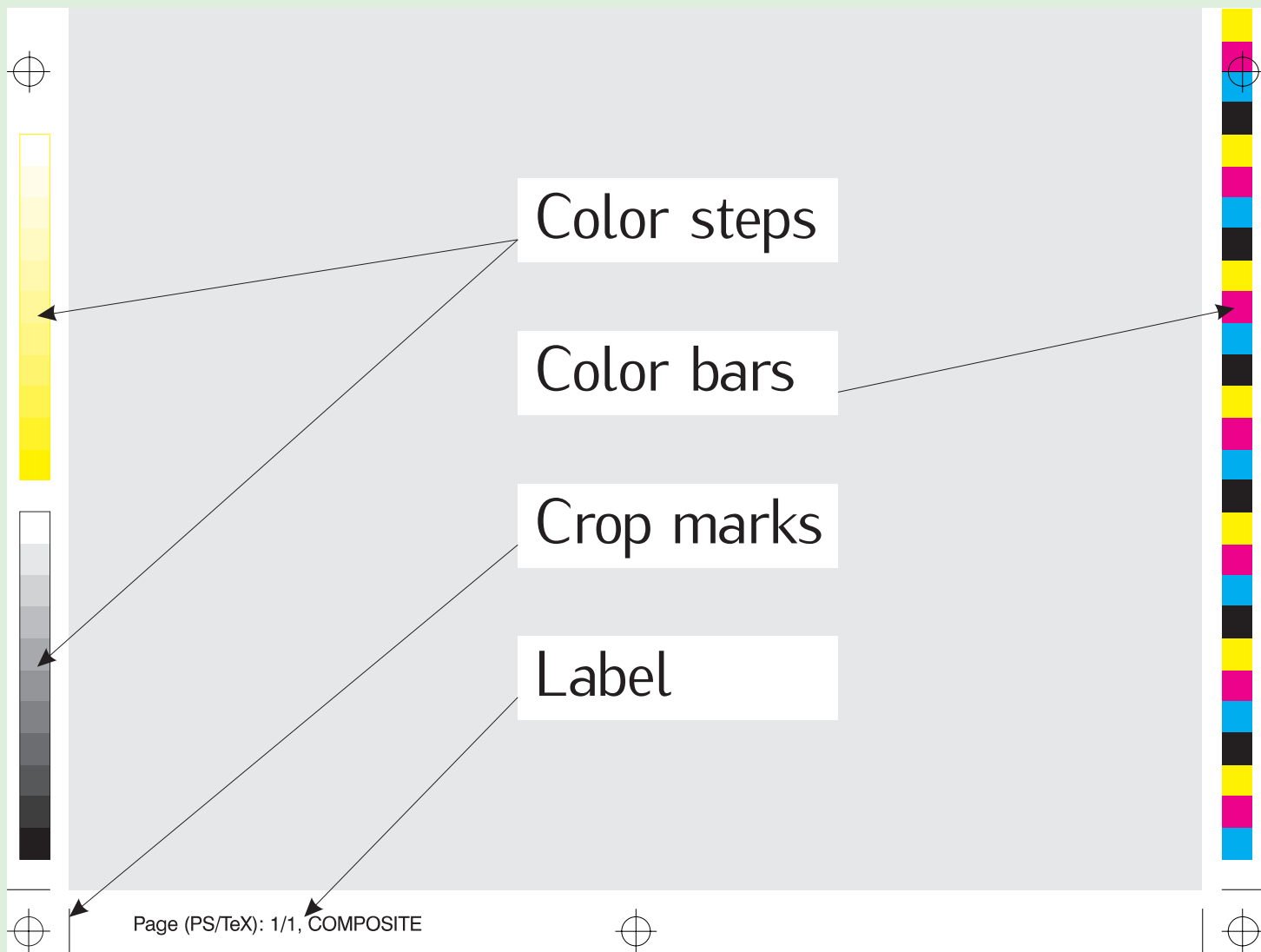PRINT CYAN

PRINT CYAN+MAGENTA

PRINT CYAN+MAGENTA+YELLOW

PRINT CYAN+MAGENTA+YELLOW+BLACK

The technology of printing requires that extra graphic elements should be addet to a printed sheet

Color steps

Color bars

Crop marks

Label

Page (PS/TeX): 1/1, COMPOSITE

\barsize

\cropmarkdistance

\cropmarksize
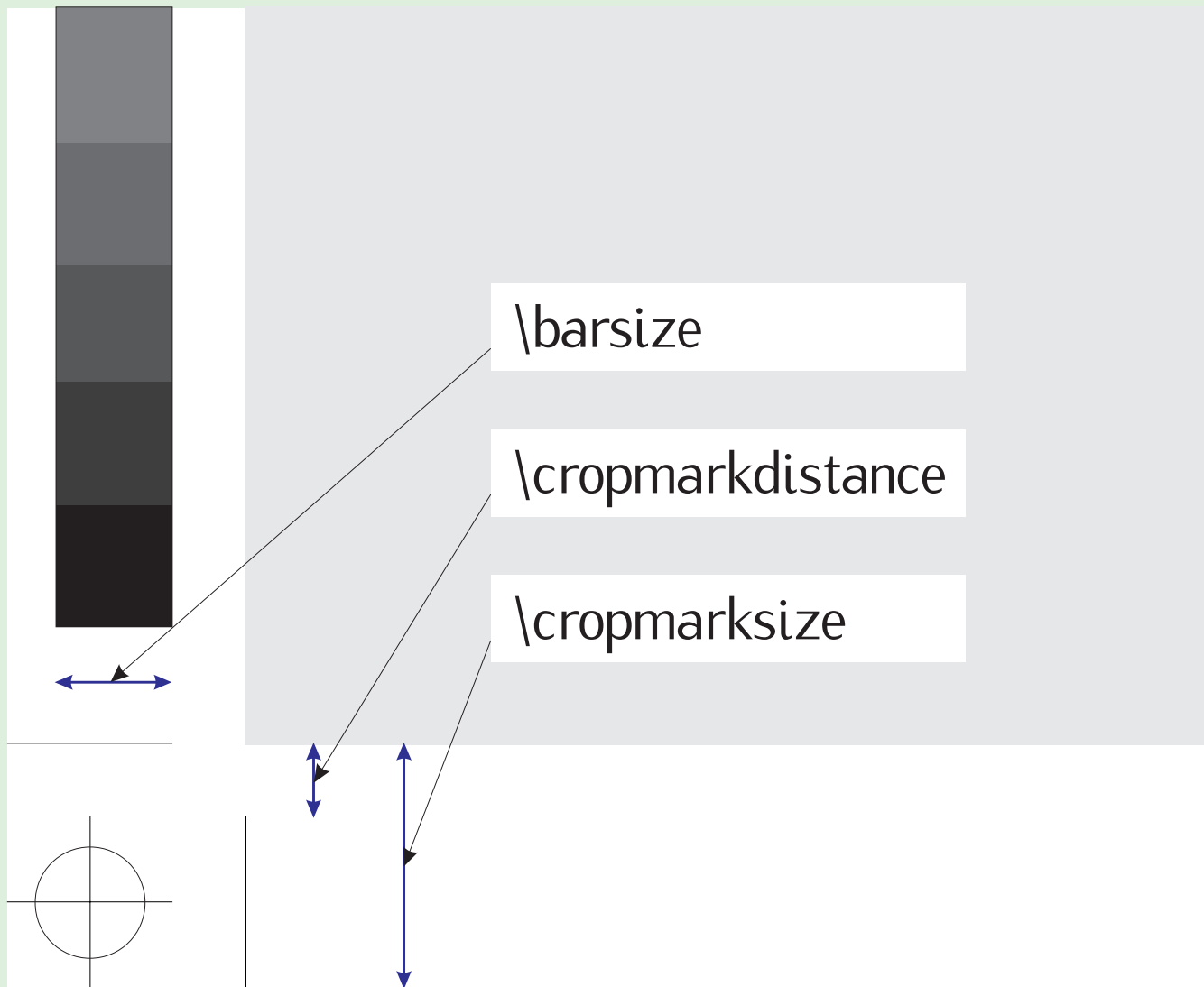
POLIGRAF package (www.gust.org.pl) consists of:

- poligraf.sty – T_EX macros, 3.4 KB
- crops.pro – DVIPS header, 6.5 KB
- separate.pro – DVIPS header, 8.5 KB
- readme – 6.0 KB

Colour separations are supported by:

- cmyk-hax.tex – 23.0 KB

U S A G E

plain:

`\input poligraf.sty`

LATEX:

`\usepackage{poligraf}`

One has to declare the size of the printed
sheet, e.g.:

```
\special{papersize=210mm,297mm}
```

I also find it advisable to use option
`-t unknown` from DVIPS program.

```
dvips -t unknown foo.dvi
```

The following commands should be used in order to prepare colour separations:

- `\Separate\CYAN`

or

- `\Separate\MAGENTA`

or

- `\Separate\YELLOW`

or

- `\Separate\BLACK`

If, for some reasons, POLIGRAF package
cannot be used in a paricular environment,
a user may wish to use its DVIPS headers:

```
dvips -h crops.pro -t unknown foo.dvi
```

or

```
dvips -h separate.pro -h crops.pro ...
       ... -t unknown foo.dvi
```

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