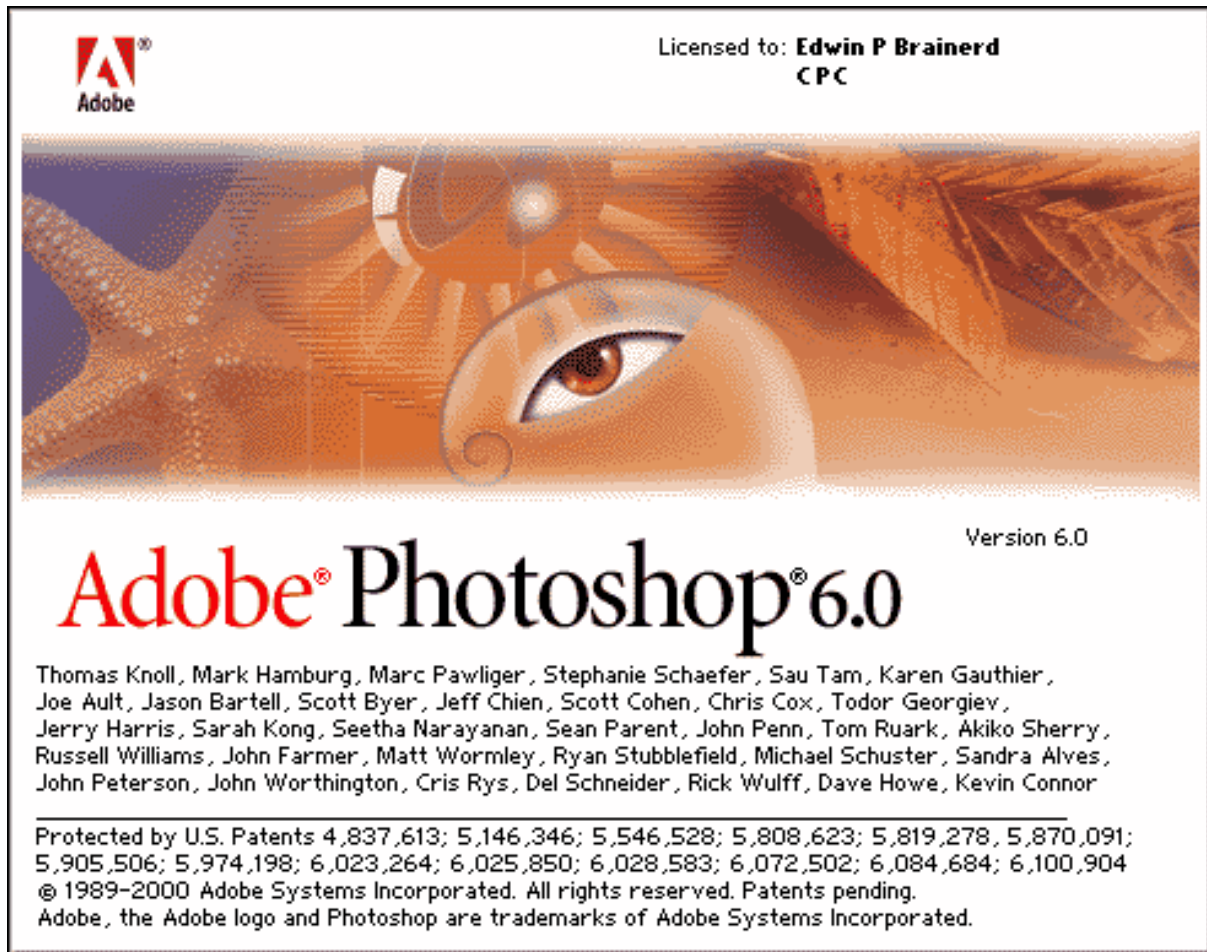


## Preparing Digital Artwork for Cadmus Professional Communications with



### Adobe Photoshop 6.0 for Macintosh

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**PLEASE NOTE:** When creating graphics in image editing programs such as **Adobe Photoshop** for output to an imagesetter or platesetter, it is extremely important to have a thorough understanding of imaging in a prepress environment. The more complicated the graphic, the greater the possibility of problems at output, and therefore the increased need for expertise and experience in creating the files.

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Select one of the topics below for instructions:

[Preparing Color Figures](#)

[Adding Text, i.e., labels](#)

[Preparing Grayscale Figures](#)

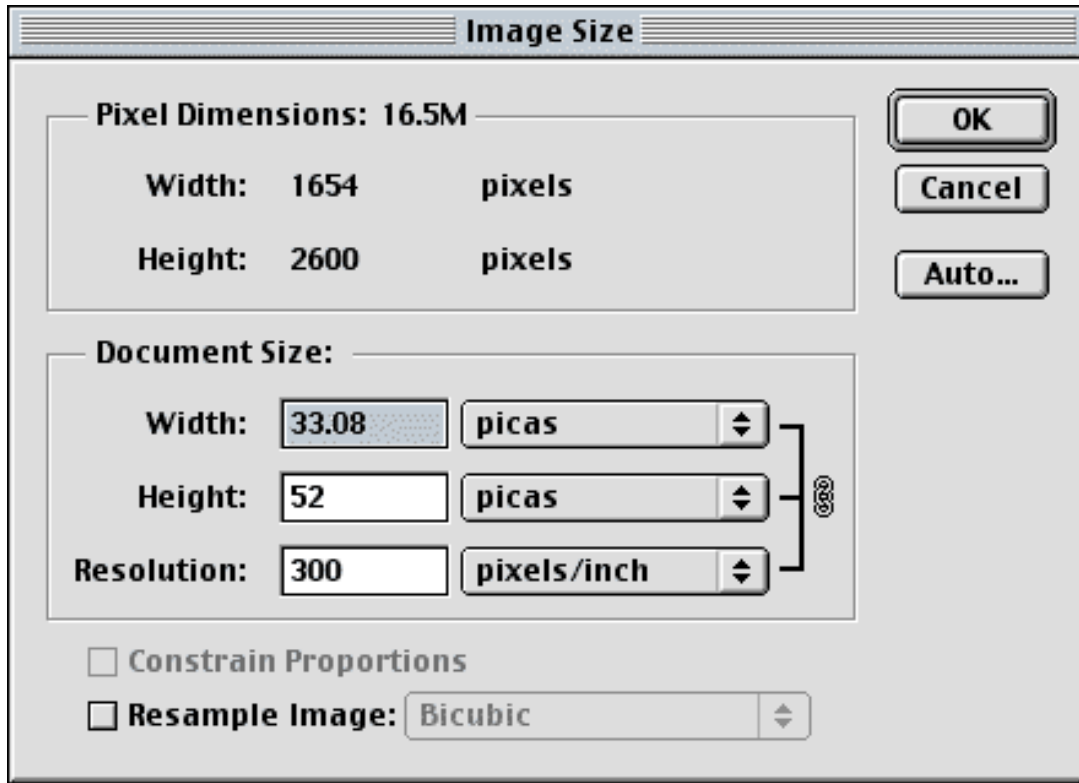
[Saving as TIFF Files](#)

[Preparing Monochrome Figures](#)

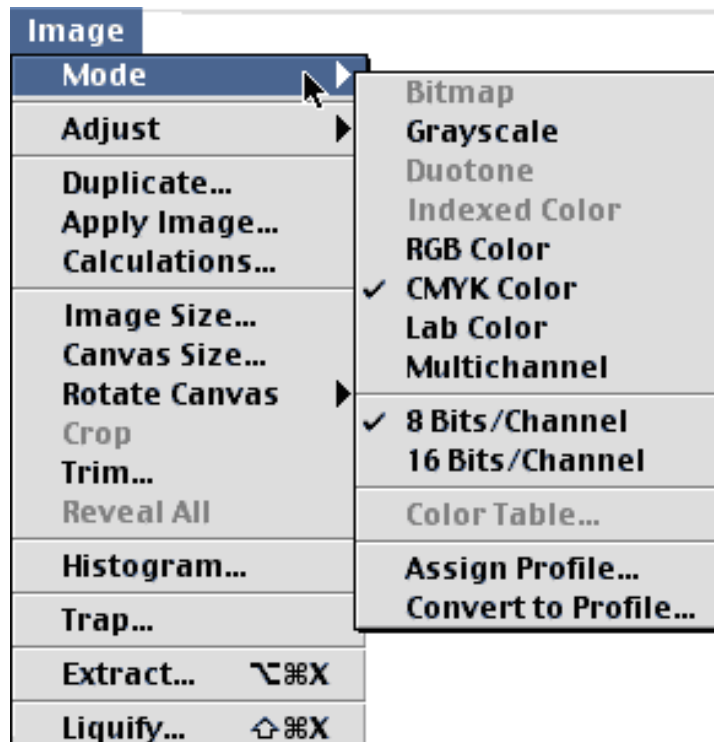
[Saving as EPS Files](#)

## ⦿ Preparing Color Figures

1. Open the scanned graphic in Photoshop.
2. Verify that the resolution is correct (Image -> Image Size). For color figures the resolution should be between 269 and 320 ppi (pixels per inch).



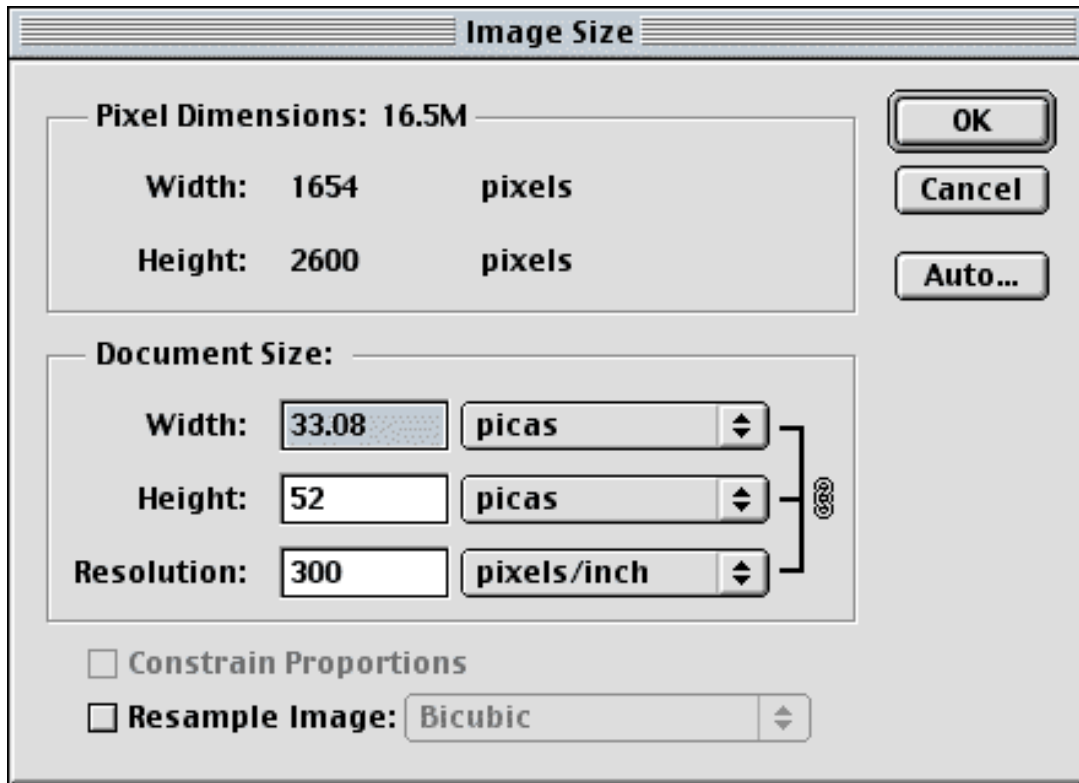
3. Verify that the mode is correct (Image -> Mode). For color figures the mode should be CMYK.



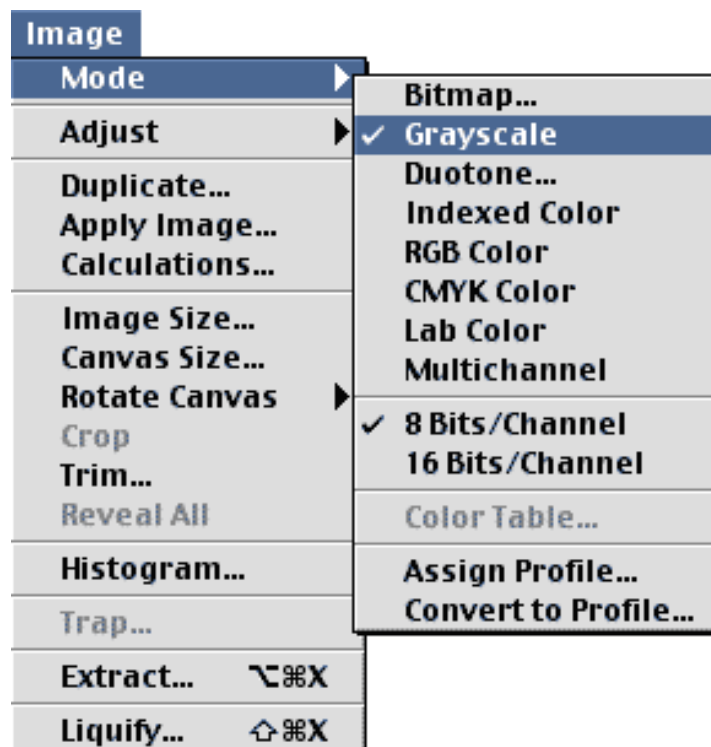
4. Do all cropping, tooling, and editing. Make sure all images are cropped closely (i.e., no excess white borders), cleaned, and that you have removed dust, scratches, and tape marks. Print out a laser proof (or color proof if possible) of the figure and check it over before sending it to CPC.

## ⦿ Preparing Grayscale Figures

1. Open the scanned graphic in Photoshop.
2. Verify that the resolution is correct (Image -> Image Size). For grayscale figures the resolution should be 300 ppi (pixels per inch). Scanned Grayscale figures (halftone images) and type together are **combination halftones**. These should be scanned at 600 dpi. If **text** is added in Photoshop, the halftones should be scanned at 300 dpi..



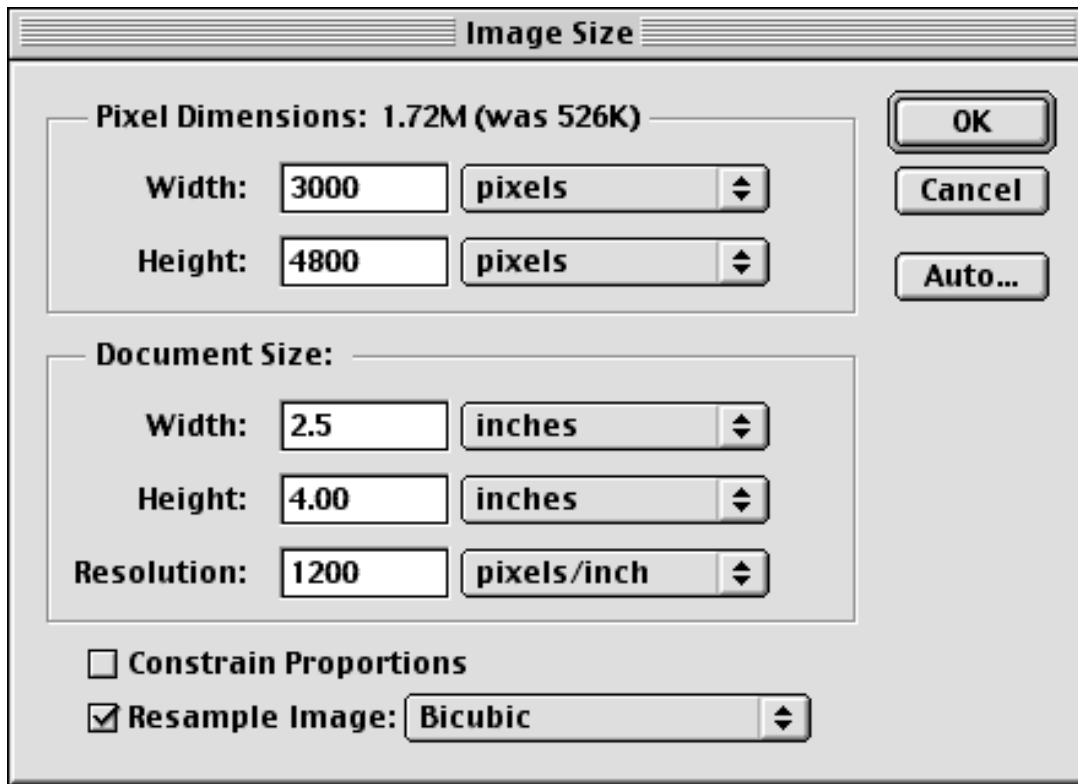
3. Verify that the mode is correct (Image -> Mode). For grayscale figures the mode should be Grayscale.



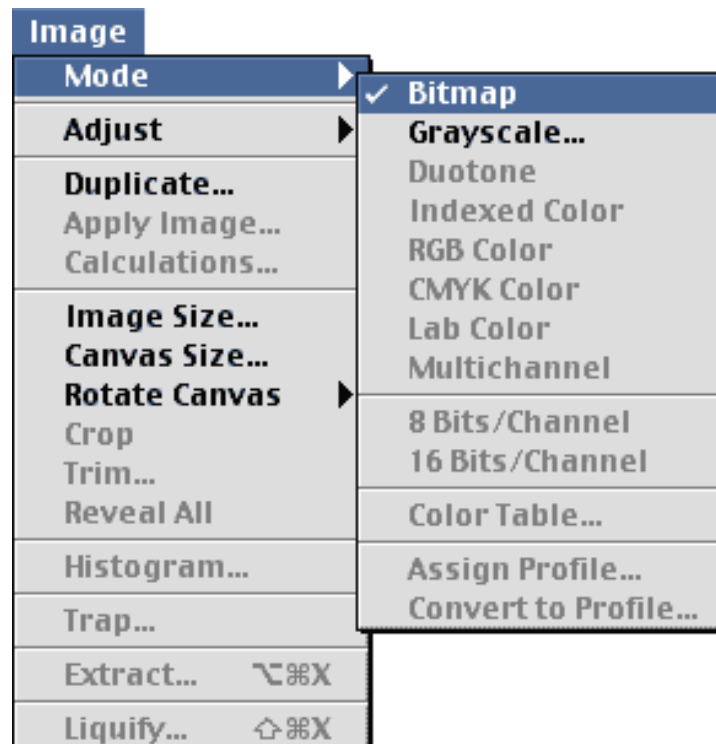
4. Do all cropping, tooling, and editing. Make sure all images are cropped closely, cleaned, and that you have removed dust, scratches, and tape marks. Print out a laser proof of the figure and check it over before sending it to CPC.

## ⌕ Preparing Monochrome Figures

1. Open the scanned graphic in Photoshop.
2. Verify that the resolution is correct (Image -> Image Size). For monochrome figures the resolution should be 1200 ppi (pixels per inch).



3. Verify that the mode is correct (Image -> Mode). For monochrome figures the mode should be Bitmap.



4. Do all cropping, tooling, and editing. Make sure all images are cropped closely, cleaned, and that you have removed dust, scratches, and tape marks. Print out a laser proof of the figure and check it over before sending it to CPC





