

# Comparison of JACoW and IEEE Distiller Settings

- **Compare:**

- Adobe Acrobat 7.0.7 Distiller settings

- **Defined by:**

- JACoW-07.joboptions

- IEEE Xplore Version 4.01B May 2007

- (nearly equivalent to High Quality Print parameters)

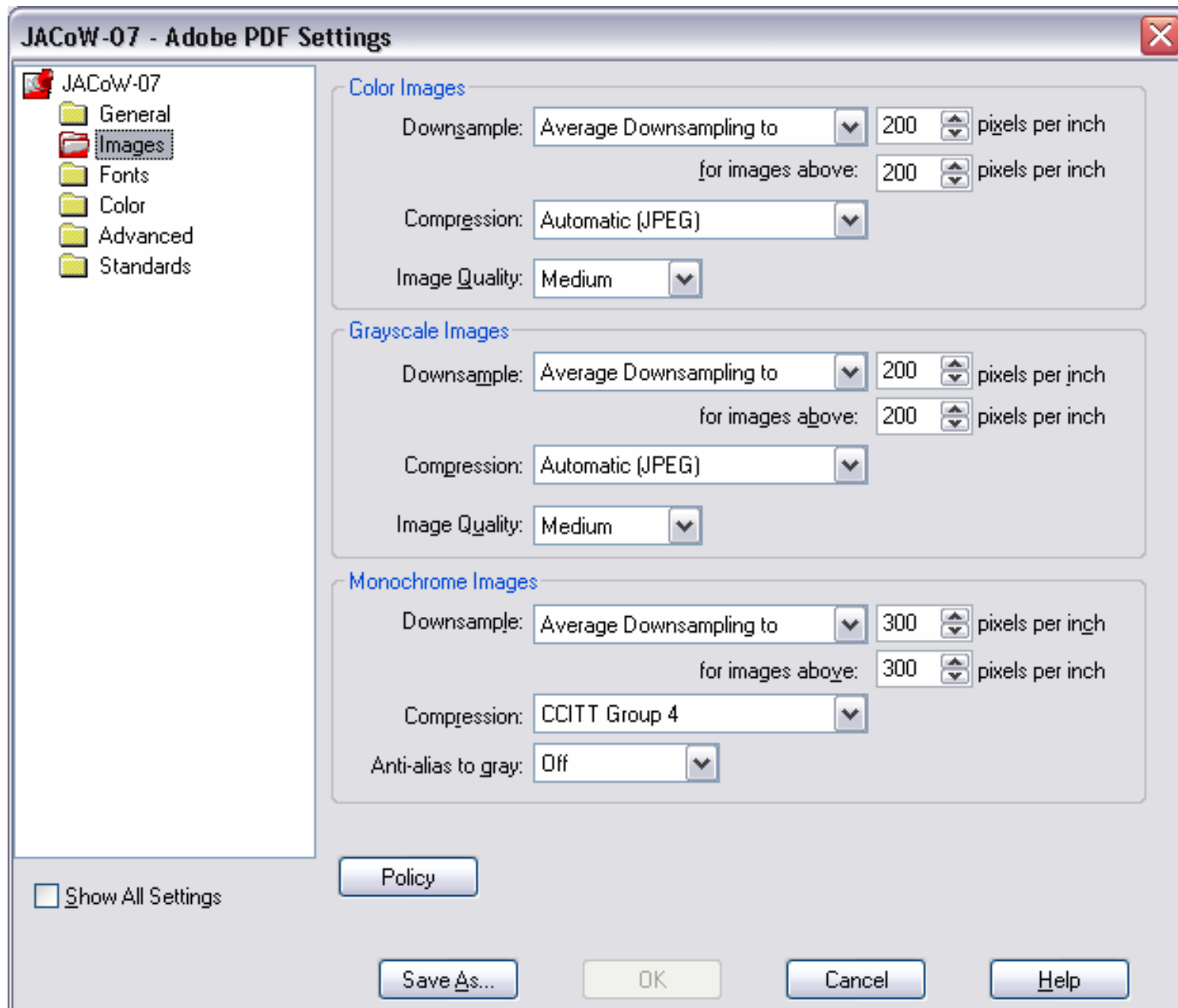
- **Colour, Greyscale, Monochrome Images:**

- Downsample, Compression, Image Quality

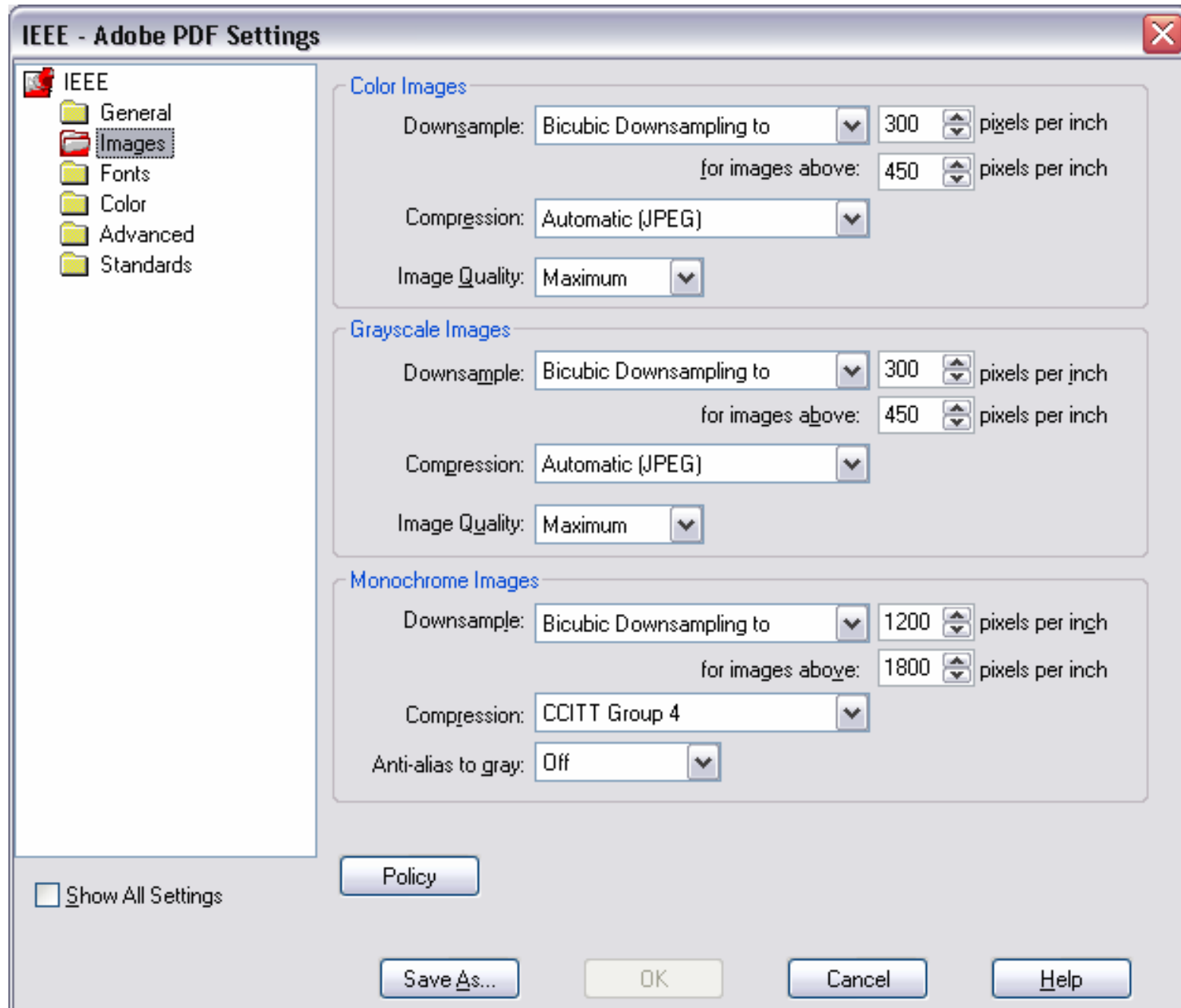
- Image Policy

- Advanced

# JACoW-07.joboptions:



# IEEE Xplore V4.01B May 2007:



# JACoW-07.joboptions:

**Adobe PDF - Image Policy** ✕

**Color Image Policy** 9-64000

When image resolution is below:    pixels per inch


**Grayscale Image Policy**

When image resolution is below:    pixels per inch


**Monochrome Image Policy**


When image resolution is below:    pixels per inch

# IEEE Xplore V4.01B May 2007:


**Adobe PDF - Image Policy** 


**Color Image Policy** 9-64000

When image resolution is below:   pixels per inch





**Grayscale Image Policy**

When image resolution is below:   pixels per inch

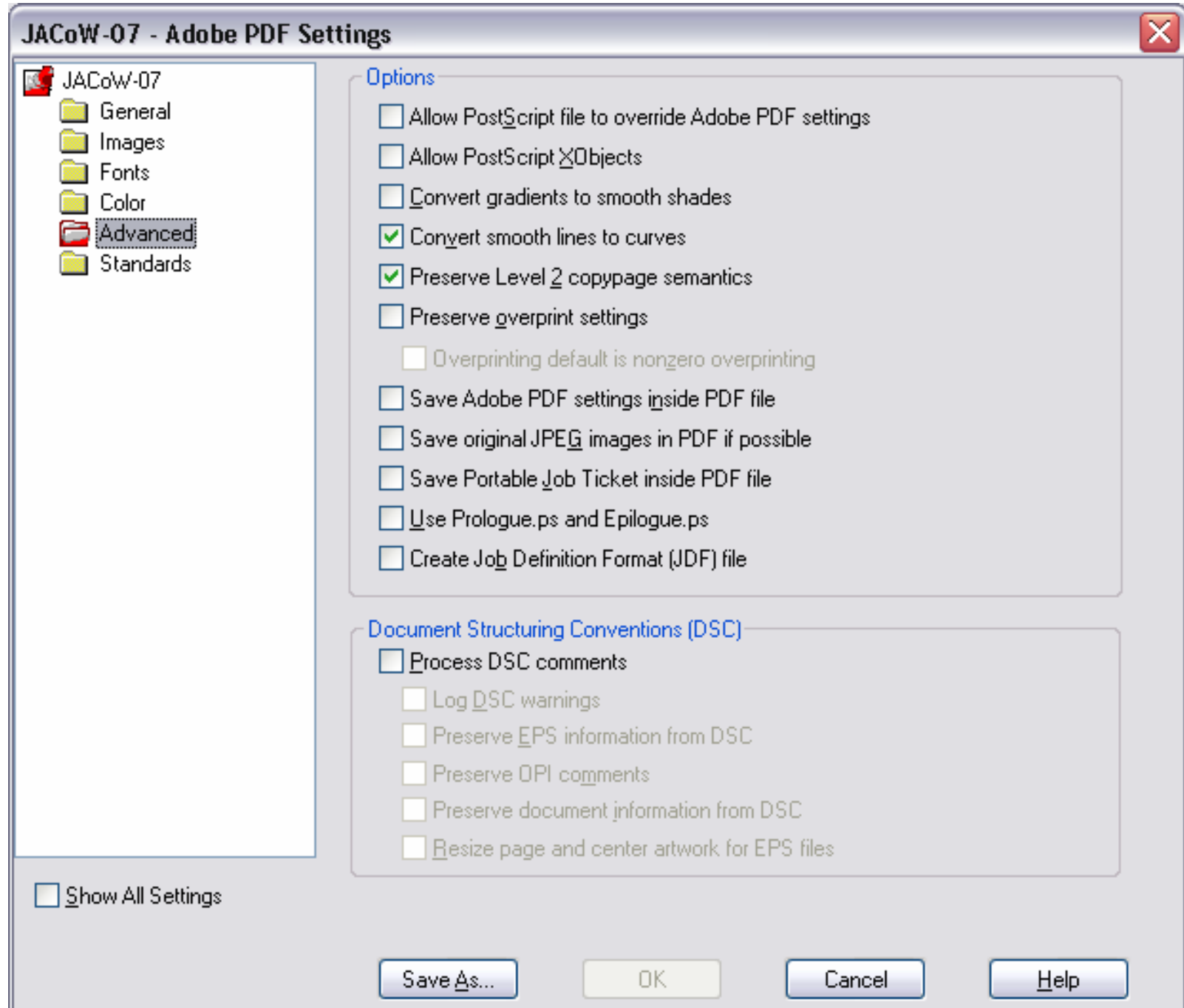


**Monochrome Image Policy**

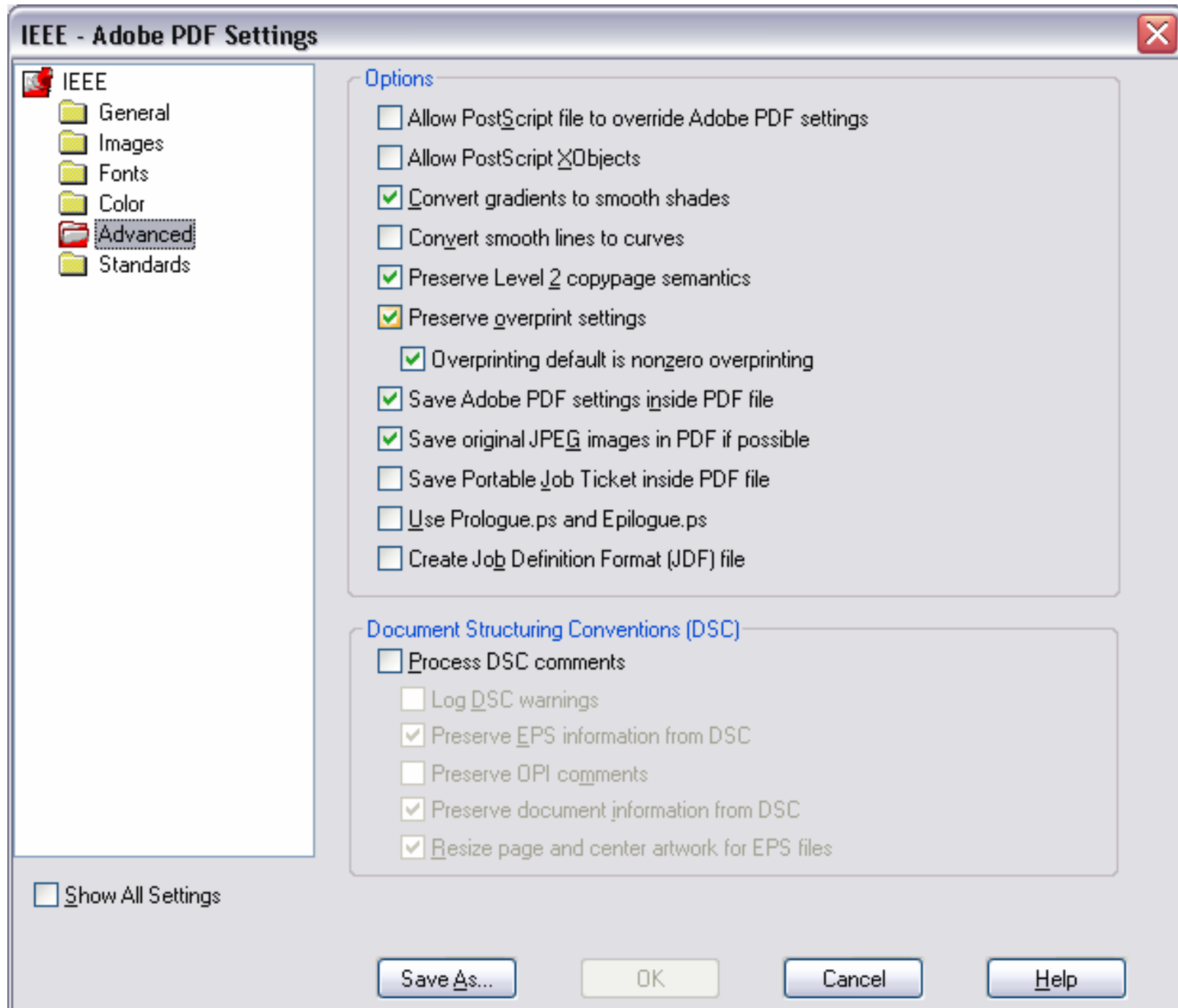
When image resolution is below:   pixels per inch



# JACoW-07.joboptions:



# IEEE Xplore Version 4.01B May 2007:



- Compare using PostScript files from LINAC06
- 216 files, 1.03 GB
- JACoW-07.joboptions:
  - Distilled in 20 minutes, 118 MB
- IEEE Xplore Version 4.01B May 2007, 600 dpi:
  - Distilled in 23 minutes, 132 MB
- IEEE Xplore with High Quality Printing, 2400 dpi:
  - Distilled in 23 minutes, 132 MB
- High Quality Printing:
  - Distilled in 20 minutes, 123 MB



Name	Size
FR2001.PDF	765 KB
FR2003.PDF	647 KB
MO2001.PDF	586 KB
MO3001.PDF	1,006 KB
MO3002.PDF	1,579 KB
MOP001.PDF	636 KB
MOP002.PDF	397 KB
MOP006.PDF	133 KB
MOP007.PDF	305 KB
MOP009.PDF	597 KB
MOP010.PDF	688 KB
MOP012.PDF	495 KB
MOP013.PDF	444 KB
MOP016.PDF	1,056 KB
MOP017.PDF	670 KB
MOP018.PDF	491 KB
MOP019.PDF	390 KB
MOP020.PDF	995 KB
MOP025.PDF	403 KB
MOP028.PDF	710 KB
MOP029.PDF	626 KB
MOP030.PDF	463 KB
MOP031.PDF	499 KB
MOP034.PDF	448 KB
MOP035.PDF	391 KB
MOP036.PDF	251 KB
MOP037.PDF	443 KB
MOP039.PDF	65 KB
MOP040.PDF	722 KB
MOP041.PDF	458 KB
MOP042.PDF	592 KB
MOP043.PDF	463 KB
MOP044.PDF	895 KB
MOP045.PDF	1,513 KB
MOP046.PDF	609 KB
MOP047.PDF	743 KB
MOP048.PDF	494 KB

216 object 118 MB

Name	Size
FR2001.PDF	736 KB
FR2003.PDF	1,096 KB
MO2001.PDF	635 KB
MO3001.PDF	1,358 KB
MO3002.PDF	860 KB
MOP001.PDF	526 KB
MOP002.PDF	286 KB
MOP006.PDF	123 KB
MOP007.PDF	277 KB
MOP009.PDF	773 KB
MOP010.PDF	564 KB
MOP012.PDF	824 KB
MOP013.PDF	904 KB
MOP016.PDF	1,266 KB
MOP017.PDF	539 KB
MOP018.PDF	372 KB
MOP019.PDF	422 KB
MOP020.PDF	920 KB
MOP025.PDF	407 KB
MOP028.PDF	921 KB
MOP029.PDF	504 KB
MOP030.PDF	1,089 KB
MOP031.PDF	315 KB
MOP034.PDF	607 KB
MOP035.PDF	255 KB
MOP036.PDF	247 KB
MOP037.PDF	352 KB
MOP039.PDF	62 KB
MOP040.PDF	587 KB
MOP041.PDF	645 KB
MOP042.PDF	599 KB
MOP043.PDF	465 KB
MOP044.PDF	1,377 KB
MOP045.PDF	614 KB
MOP046.PDF	1,127 KB
MOP047.PDF	509 KB
MOP048.PDF	987 KB

216 object 132 MB

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8.50 x 11.00 in 5 of 5

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Current (A)

Delay

8.50 x 11.00 in 2 of 3

- Going to IEEE Xplore settings or higher gives:
  - Slightly longer distilling times
  - 10% larger files on average
  - Superior quality figures
- **Should we consider changing?**