

COMMENTARY AND INTERPRETATION
FOR
DIGITAL PROJECTED IMAGE RULES AND RECOMMENDATIONS

1. The projected image has a maximum height of 768 pixels. This results in a smaller overall image when projected in portrait (vertical) mode. In the committee's experience this does not affect the judges' scores.
2. Attention must be paid to cropped images! The image box specified (1024x768) is in a 3:2 ratio the same as a standard 35 mm frame. Cropping an image and then resizing can take an image out of the image box. For example: an image is cropped to 900 by 768 pixels, if then resized to a 1024 pixel width, and the 3:2 ratio maintained, the height will be over the 768 limit.

THE SUBMITTED IMAGE MUST FIT IN THE 1024X768 IMAGE BOX.
ANYTHING OVER THESE DIMENSIONS WILL BE LOST

3. To avoid having the judges notice pixels in clear areas of the projected image, they must be seated at an appropriate distance. This is normally 2 to 2 ½ times the largest dimension of the image. A way to determine this without measuring the image is to have someone with good eyesight back away from the screen until pixels are no longer noticed. Seat the judges at that distance.

The effect of this is that the screen image will no longer be as large as what has been common when the judges are a reasonable distance from the screen. The slide routine of "fill the screen" will only result in poor images. It also may result in the projector being in front of the judges.

4. Photographers are now in a color managed world. In order for a digital image to be presented at its best, the image must be color standardized at all stages of its route to competition. This means that the maker must use a calibrated and profiled monitor and competitions must use a calibrated and profiled projector. Even doing this will not guarantee an exact match, but it will be very close.

A confusing element of the profiling is that it is the projected image being considered not the laptop computer display. This usually will result in the image on the laptop looking incorrect. This is NOT a problem. Due to Windows based operating system limitations, only one profile can be used at a time. For a proper projected image the profile used must be for the projector not the laptop.

5. Individual clubs may not have to go to the cost of a digital projector to get started. If only a few makers are interested, they can submit their entries directly to the club to be entered. Clubs can also judge images directly off a laptop computer or connect a laptop computer to a TV screen if their meeting site has one available.

6. Although *Club Viewer* software is currently recommended and will be used for the CACCA competitions, other software programs will be evaluated and may be used in the future.

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