

# Casino Chip Scanning Tips

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## Chip Preparation

- 1) Remove chip from holder
- 2) Clean chip, if needed


## Using a Scanner

- 1) Set resolution to 300 to 600 DPI
- 2) If your scanner allows, use the mode that gives you the entire scanner bed (no cropping or adjustments)
- 3) Make "frame" for the chip using blank side of 3.5x5" index card and draw thick black border with magic marker
- 4) Place chip 1" from the side and top of the scanner and put index card on top of the chip, aligned in the corner

## Using a Camera

- 1) Put chip on low, flat and level surface, if possible use a solid colored or white background under the chip
- 2) Use indirect natural light, no flash or direct sunlight
- 3) Take picture from directly above the chip and as close to the chip as possible
- 4) Check results and reshoot making adjustments

## Image Editing with PhotoScape (free download from <http://www.photoscape.org/ps/main/download.php>)

- 1) LIGHTING CORRECTION – lighten, darken or adjust contrast, if needed, by pressing the "BRIGHT, COLOR" button at the bottom, center of the home page, use slide bars to make adjustments, click "OK"
- 2) ALIGN
  - a. Align tool is on the home page (rotate arbitrary), 1<sup>st</sup> button on the left over "RESIZE" 
  - b. If > 15° adjustment or image is tightly cropped, go to the "ROTATE" tab and click on "KEEP THE ORIGINAL SIZE"
  - c. Use the slide bar to align, focusing on a straight up or down line or symmetrical points
  - d. Click "OK" when done
- 3) CROP
  - a. Go to the "CROP" window and click on "CROP ROUND IMAGE"
  - b. Enlarge image to make cropping easier by pressing the "ZOOM IN" button (circle with a plus sign)
  - c. Position cursor at top of the chip, press and hold the left mouse button, and drag to the bottom of the chip and slightly to the right and release the left mouse button
  - d. Drag the left and right anchors to the sides of the chip
  - e. Check the cropped size, 2<sup>nd</sup> box from the left under the image, and make sure that width "w:" is equal to height "h:", if not make adjustments by moving the anchor points
  - f. If anchor points are correctly at the top, bottom, left and right and width does not equal height, it is OK, as long as it is within 1%. If width=309, then length can be from 306 to 312
  - g. Click "CROP" to make the crop
- 4) RESIZE
  - a. Go back to the HOME page, and click on the "RESIZE" button (center, near bottom)
  - b. Object Sizes

i. Round objects, regular	Preferred: 450x450, Minimum: 240x240
ii. Round objects, large	Maximum: 950x950
iii. Cards – slot, playing, business, room key	w:525
iv. TITO's, post cards	w:750
v. Large items	maximum width: 950
  - c. For round objects, if width does not equal height
    - i. Resize width to 240 (or 450)
    - ii. Unclick "PRESERVE ASPECT RATIO"
    - iii. Resize height to 240 (or 450)
  - d. Click on "OK" to complete resizing
- 5) SAVE
  - a. Click on the "SAVE" button
  - b. Any name is OK, keep it simple
  - c. Use "QUALITY SETTING" of 85%