Image Defects Manual

# Notes

1. Once a panel layout is created in the ‘Panel Creation’ tool, you should locate the ‘\*.json’ file which is saved with the format ‘part number name’.json
2. Outer cores by default will only allow markings to presumed etch layers
3. Both sides of a core must be entered into the database to be considered for optimization
   1. This is not the case for external layers. Only the default side for external layers must be entered unless the ‘External Layer on Outer Core’ box is checked
4. Duplicates cannot be entered. Only users with access to the database can delete entries to allow entry alterations

# Setting the Database

# Load Panel Layout

1. Click the ‘Load Panel Layout’ button

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1. A file dialog will open, select the desired json file. Only use json files generated by the ‘Panel Creation’ application.
2. Ensure the part number is correct in the upper right entry box

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1. Input the shop order number and panel number

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1. Choose what layer is being assessed
   1. If the stack up has an odd number of layers use the ‘External Layer on Outer Core’
      1. Example 1: If ‘5 Base 6’ has both sides etched prior to lamination, select 5B6 in the drop down and check the ‘External Layer on Outer Core’
      2. Example 2: If ‘2 Base 3’ has both sides etched prior to lamination, select 2B3 in the drop down and check the ‘External Layer on Outer Core’

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1. Click on the images that are defective in the panel
   1. In the example image the top left image is defective

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1. Click ‘Insert Data’
2. If the core is a center core, click the ‘Reverse’ check button and mark the defects on the reverse side of the panel
   1. Re-Enter the shop panel number and verify that the shop order number and layer number are correct
   2. Note the panel images will flip along the Y-axis and grid colors will turn red to denote the reverse side of the panel

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1. Press the ‘Insert Data’ button again
   1. 2 information panels will pop up if this was done correctly

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