

2021.02.26 - Carbon Compass 1.3.5

Here you can find information about what is new in Carbon Compass version 1.3.5.

 This version is available for [download](#) from the Octonus official web site.



On this page:

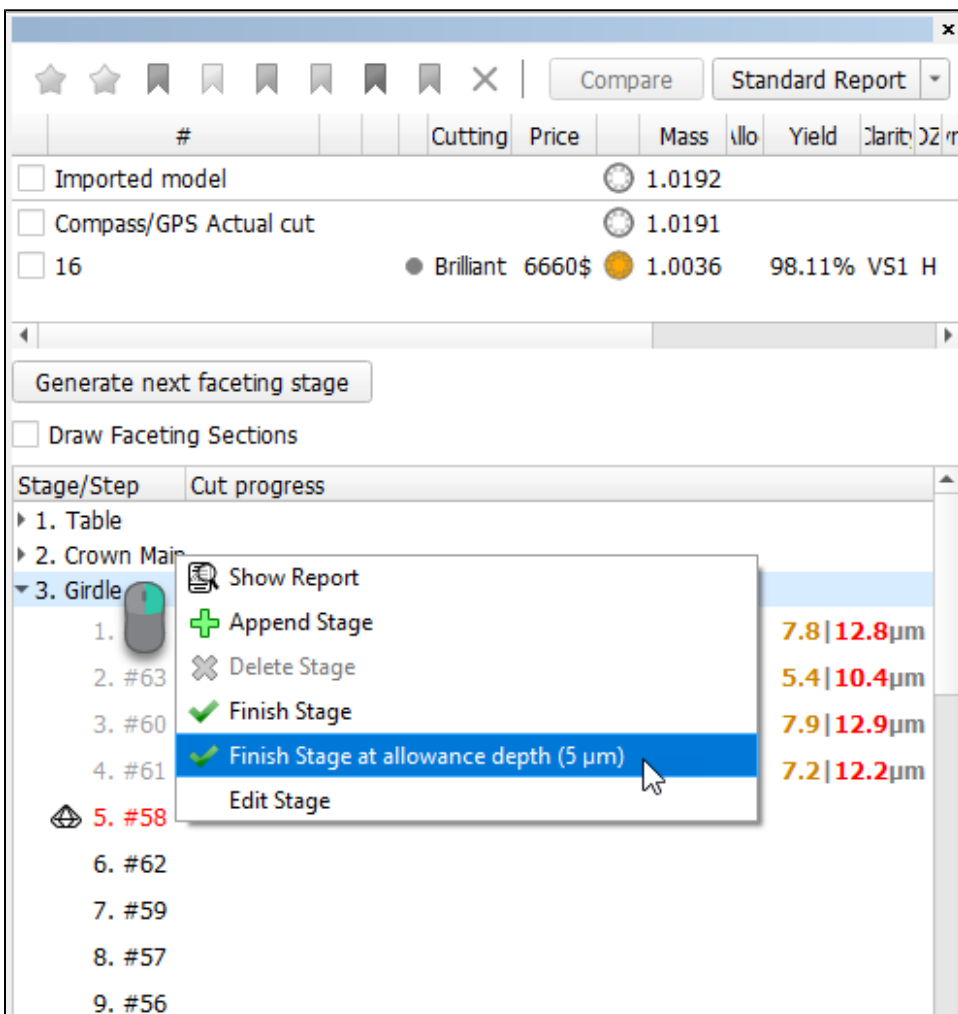
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Girdle Stage - Ability to Finish Stage at Allowance Depth

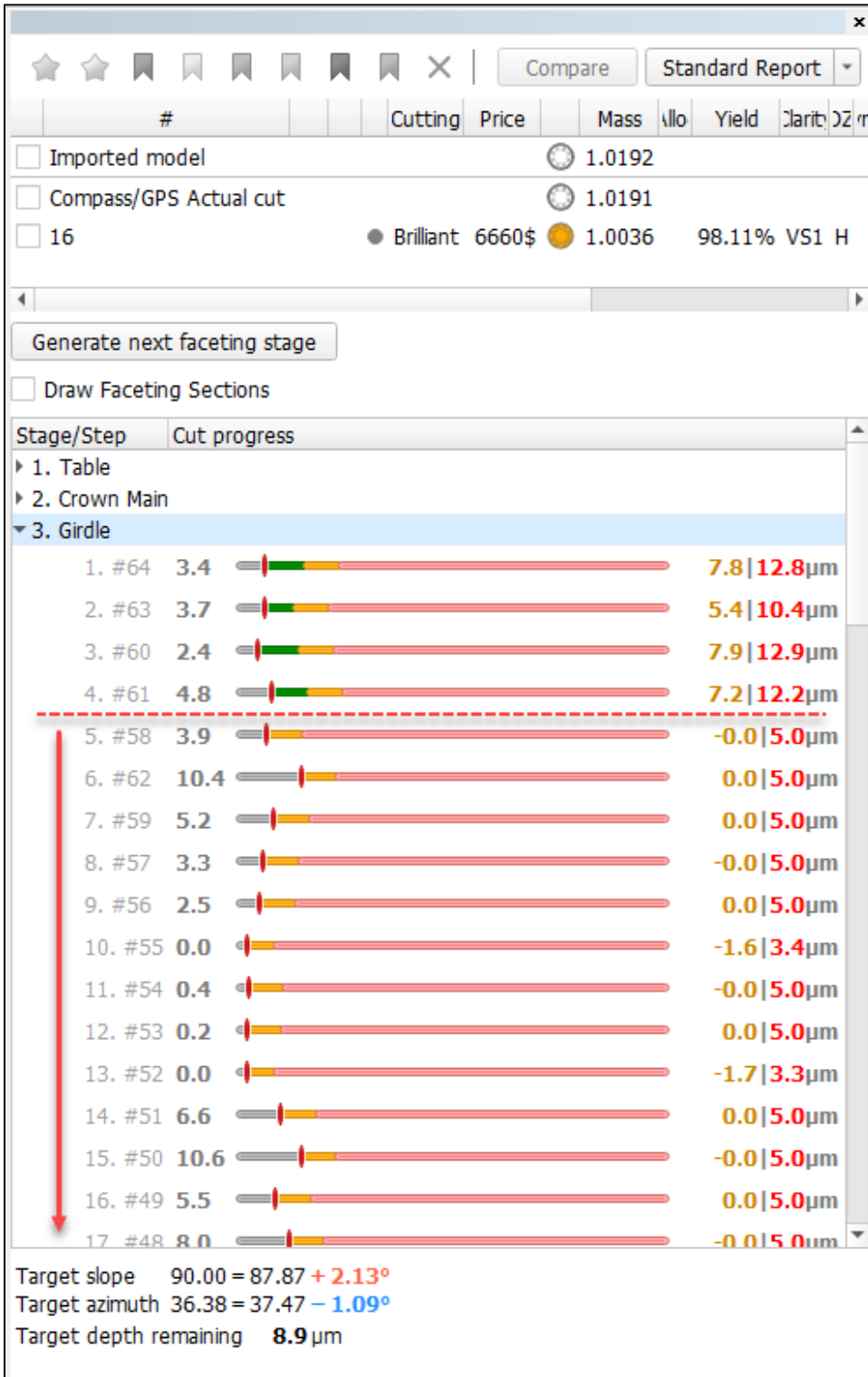
As the "Girdle" stage may include a lot of steps, it may be tedious to manually switch from step to step to complete them one by one. To solve this, now for the "Girdle" stage, it is possible to finish the entire stage (all steps simultaneously) at the *allowance depth*.

To do this:

- In the  **G1 Galahad** or  **Compass** mode, right-click the "Girdle" stage and then select **Finish Stage at allowance depth**.



The actual cut of all (remaining) steps is set to the left border of the allowance area. The stage is finished.



Steps and Stages - Allowance Editing

It is now possible to edit the **Allowance** defined during stage generation. The **Allowance** can be edited both for stages and for separate steps.

To edit allowance for a step:

1. Right-click the step and then from the context menu select **Edit Step**. The edit panel is displayed.
2. In the edit panel, set the new **Depth**.

3. Click **Apply**. The new allowance depth is set for the step.

The screenshot displays the G1 Compass software interface. The main window shows a list of stages and steps. A context menu is open over the step '2. #3', with the 'Edit Step' option selected. A secondary dialog box, 'Edit Step "2. #3"', is open on the right, showing the 'Allowance' settings. The 'Depth' field is set to 6.0µm. Red circles with numbers 1 through 4 highlight the following elements: 1. The 'Edit Step' option in the context menu. 2. The 'Edit Step' option in the context menu (repeated). 3. The 'Depth' field in the 'Edit Step' dialog. 4. The 'Apply' button in the 'Edit Step' dialog.

Compare Standard Report

Cutting Price Mass Yield Clarity

Imported model 1.0192

Compass/GPS Actual cut 1.0191

16 Brilliant 6660\$ 1.0036 98.11% VS1 H

Generate next faceting stage

Draw Faceting Sections

Stage/Step Cut progress

1. Table

2. Crown Main

3. Girdle

4. Crown Half

5. Crown Star

1. #4

2. #3 11.1

3. #2

4. #1

5. #8

6. #7

7. #6

8. #5

Show Report

Start work

Edit Step

05 | 110µm

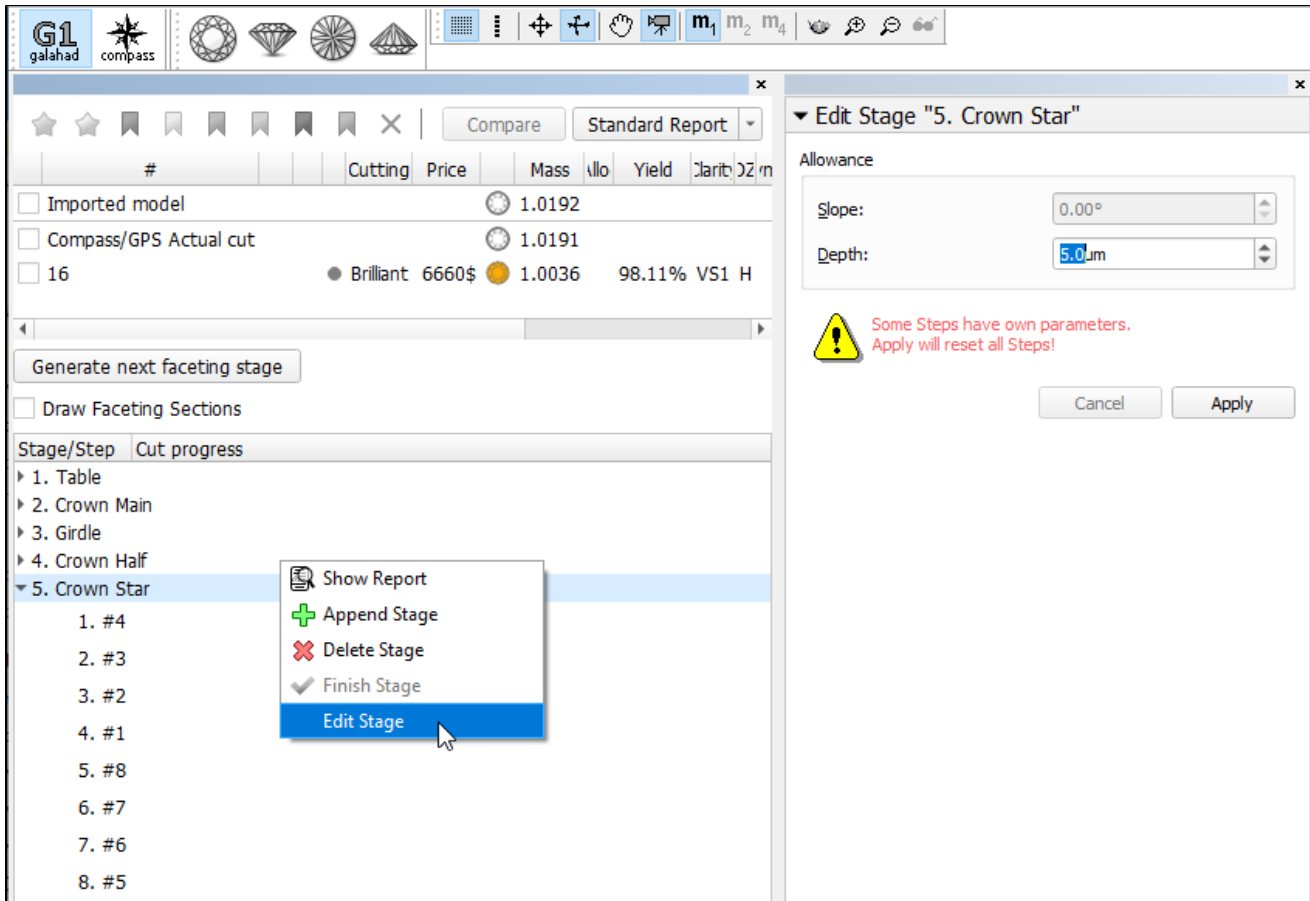
Allowance

Slope: 0.00°

Depth: 6.0µm

Cancel Apply

You can do the same for the stage. Note that if some steps of the stage have their own changed allowance, applying a new value for the stage will reset all steps, the corresponding warning is displayed:



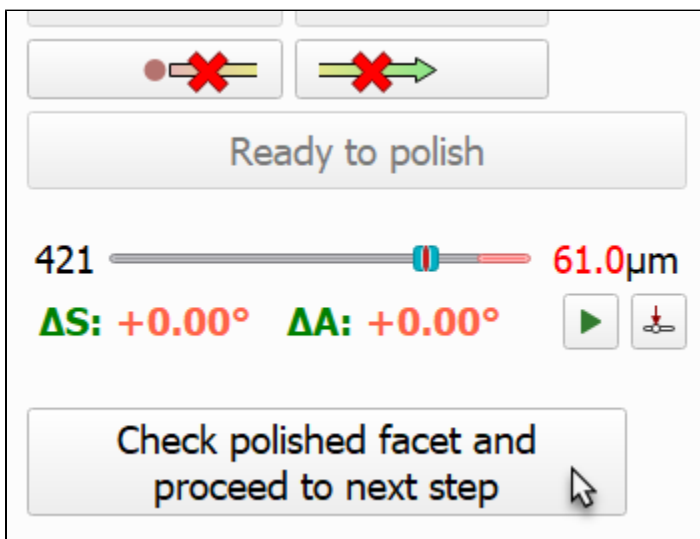
Compass Mode - Automatic Set of Actual Cut



In **Compass** mode, now on clicking the **Check polished facet and proceed to next step** button, the *actual cut* is automatically set to the current depth.



The current depth slider must be in a non-zero position (not at the far left) - otherwise the **Check polished facet and proceed to next step** button will not work and the warning will be displayed.



Fixed Problems and Improvements

The following fixes for the known problems and improvements are implemented:

- The system crash in rare cases on building a "Girdle" stage is fixed.