

# Appraise Editor Utility

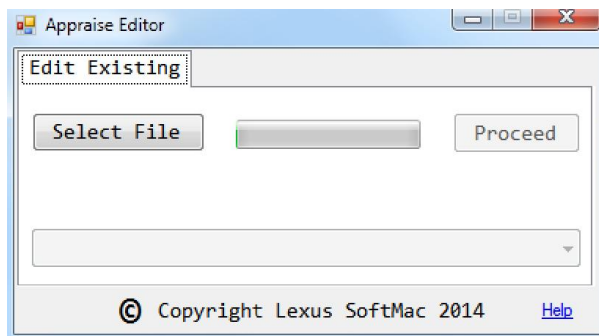
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## 1.1 ABOUT

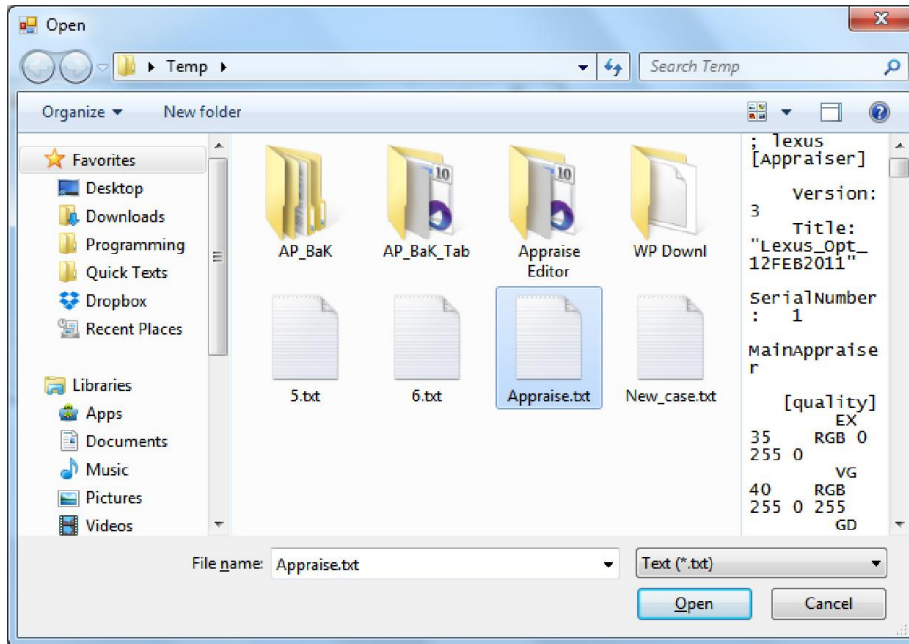
The overall functionality of the application is to help the user maintain, update and edit the contents of the Appraiser file in proper format. Whatever editing in the cut or the fixed-cut in a given appraiser can be edited using this application, instead of doing it manually by opening the file in the root folder.

## 1.2 STARTING WITH

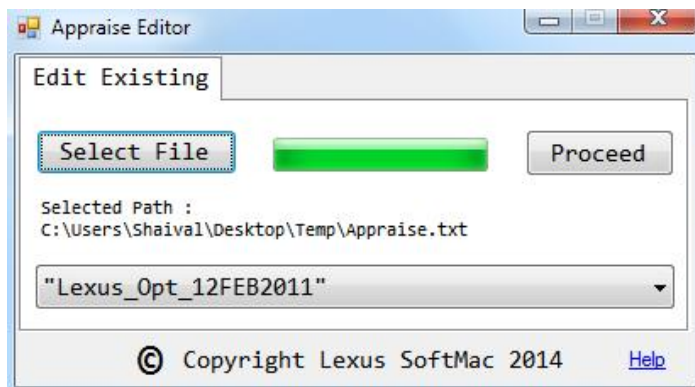
On the starting form, you shall find a button which shall open the file browser, which helps you select your desired appraiser file.



After selecting the appraiser file, the next dropdown menu shall be activated, if you choose the appraiser which is in proper format [Lexus\_Opt\_12FEB2011]. Using this drop-down menu, you can select the particular appraiser from the file.

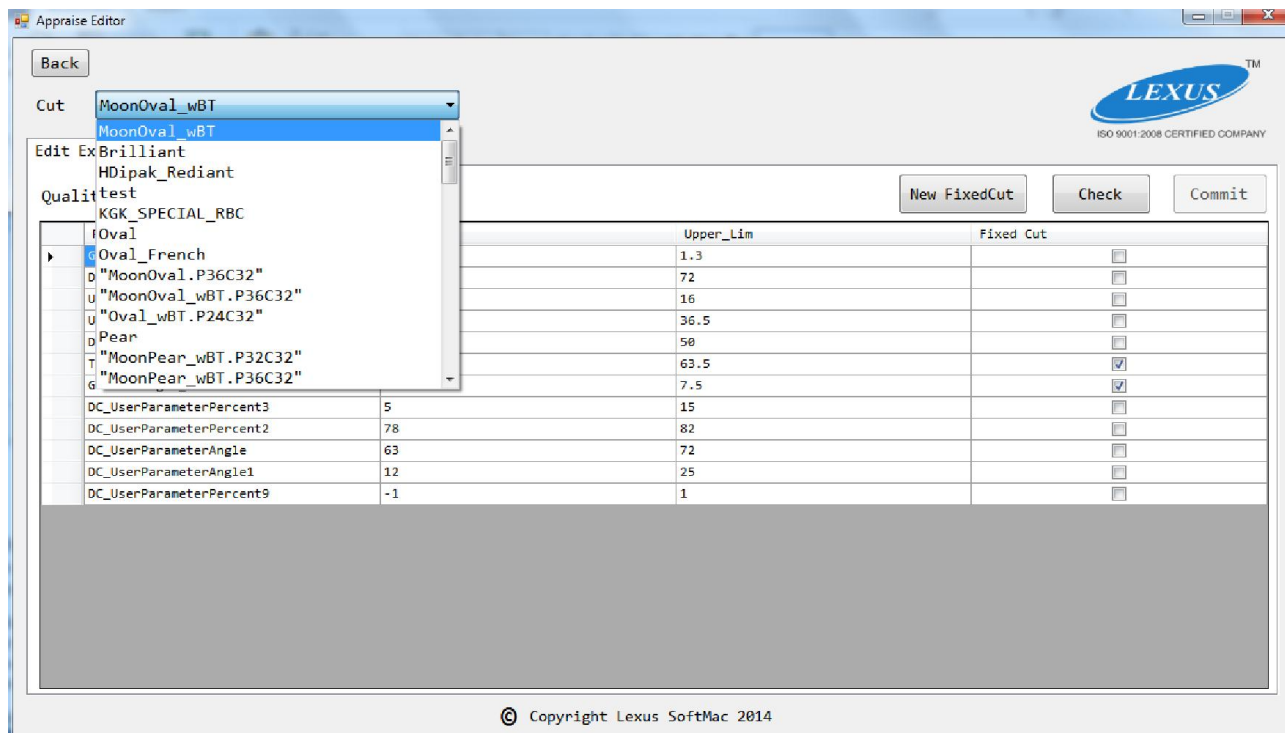


If you're done choosing the proper appraiser, press the "Proceed" button.



### 1.3 CHOOSING A CUT

As the main-page form will open, you shall find a drop-down menu named "Cut", using which you shall select the desired cut from the selected Appraiser. If by mistake you've selected the wrong appraiser, you may press the "Back" button, to open the previous form, and reselect the proper appraiser.



#### 1.4 VIEWING THE SELECTED CUT

After the selection of a cut, you can see the values in the Data-Grid shall change corresponding to the Cut. If the cut has multiple qualities, you can select the quality you wish to view from the Quality drop-down menu. Further, if you wish to view all the values of the existing parameters of the cut, then you may press the "Check" button. It will open a new display-box, which will show all the values of each of the parameters and with the corresponding qualities.

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CutBrilliant

Edit Existing Cut

Create New Cut

Edit Fixed Cut

QualityEX

New FixedCut

Check

Commit

Parameter	Lower_Lim	Upper_Lim	Fixed Cut
UpAngle	33.8	35.4	<input type="checkbox"/>
UpHeight_GIA	12.8	15.2	<input checked="" type="checkbox"/>
DownAngle	40.5	41.2	<input type="checkbox"/>
GirdleHeight_GIA	2.5	4.5	<input checked="" type="checkbox"/>
Table	55	59	<input type="checkbox"/>
GirdleRatio	0.999	1.001	<input checked="" type="checkbox"/>
FullHeight	59.5	61.4	<input type="checkbox"/>
Culet	0	0.2	<input type="checkbox"/>
UpperAngleAzimuth	11	11.5	<input type="checkbox"/>
HalvesAngleAzimuth	11	11.5	<input type="checkbox"/>
CuletOffsetX	-0.1	0.1	<input type="checkbox"/>
CuletOffsetY	-0.1	0.1	<input type="checkbox"/>
GirdleDeviation	-0.1	0.1	<input type="checkbox"/>
Pavilion	18	22	<input type="checkbox"/>
StarToCleanRatio	40	60	<input type="checkbox"/>
UpSquare	-1.82	12.5	<input type="checkbox"/>

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## 1.5 EDITING THE VALUES IN CUT

Now, if you wish to edit the values the parameters of a cut, the data-grid on the main-page can be used directly to edit the values.

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Cut: Brilliant

Edit Existing Cut | Create New Cut | Edit Fixed Cut

Quality: EX

New FixedCut | Check | Commit

Parameter	Lower_Lim	Upper_Lim	Fixed Cut
UpAngle	33.8	35.4	<input type="checkbox"/>
UpHeight_GIA	12.8	15.2	<input checked="" type="checkbox"/>
DownAngle	40.7	41.2	<input type="checkbox"/>
GirdleHeight_GIA	2.7	4.5	<input checked="" type="checkbox"/>
Table	55	59.2	<input type="checkbox"/>
GirdleRatio	0.999	1.001	<input checked="" type="checkbox"/>
FullHeight	59.5	61.4	<input type="checkbox"/>
Culet	0	0.2	<input type="checkbox"/>
UpperAngleAzimuth	11	11.5	<input type="checkbox"/>
HalvesAngleAzimuth	11	11.5	<input type="checkbox"/>
CuletOffsetX	-0.1	0.1	<input type="checkbox"/>
CuletOffsetY	-0.1	0.1	<input type="checkbox"/>
GirdleDeviation	-0.1	0.1	<input type="checkbox"/>
Pavilion	18	22	<input type="checkbox"/>
StarToCleanRatio	40	60	<input type="checkbox"/>
UpSquare	-1.82	12.5	<input type="checkbox"/>

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The software will directly revoke you from entering invalid values or values which may conflict with values of the bounds or values of other qualities' parametric values. You may change multiple values in the data-grid at the same time. The changed values shall appear in red [highlighted] fashion. Now after you're done editing, you may press the "Commit" button in this tab, and by pressing this, all the changes you've made shall be recorded. A word of warning here, after you press the commit button, you may not be able to fetch the previous values again, so make sure about what changes you're about to make and for even more reliability, always have a back-up file of the appraiser you're working with. Now before committing the changes, you may press the "Check" button, to view all the changes in the file. Check will show you the changes that shall apply to the file, by committing. If you wish to change a value or two after this, it can be easily done by changing these values from the data-grid itself.

## 1.6 CREATING A NEW CUT

It is required that your appraiser contains at least one cut by default, before you for this step. By simply selecting the cut you desire to inherit in your new cut go to the second tab named "Create New Cut".

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Cut: Brilliant

Edit Existing Cut Create New Cut Edit Fixed Cut

Name of Cut:  Proceed Quality:  Add Create Cut

Select	FixedCut
*	

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Now, here you shall find multiple fields regarding the parameters of the cut, such as Name of cut, the qualities in the cut. After entering the name of the cut, press the “Proceed” button.

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Cut: Brilliant

Edit Existing Cut Create New Cut Edit Fixed Cut

Name of Cut: My\_Brilliant Proceed Quality:  Add Create Cut

Select	FixedCut	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	UpHeight_GIA
<input checked="" type="checkbox"/>	<input type="checkbox"/>	DownAngle
<input checked="" type="checkbox"/>	<input type="checkbox"/>	GirdleHeight_GIA
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Table
<input checked="" type="checkbox"/>	<input type="checkbox"/>	GirdleRatio
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FullHeight
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Culet
<input checked="" type="checkbox"/>	<input type="checkbox"/>	UpperAngleAzimuth
<input checked="" type="checkbox"/>	<input type="checkbox"/>	HalvesAngleAzimuth
<input checked="" type="checkbox"/>	<input type="checkbox"/>	CuletOffsetX
<input checked="" type="checkbox"/>	<input type="checkbox"/>	CuletOffsetY
<input checked="" type="checkbox"/>	<input type="checkbox"/>	GirdleDeviation
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pavilion
<input checked="" type="checkbox"/>	<input type="checkbox"/>	StarToCleanRatio
<input checked="" type="checkbox"/>	<input type="checkbox"/>	UpSquare

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Then from the drop-down menu named “Quality”, select the quality you wish to include in your cut. By selecting that cut, click the “Add” button and you’ll find that the quality is automatically in your cut.

After you’re done adding the desired qualities, you may change the values in the data-grid to the desired values of the cut you’re creating. By default all the values are directly inherited from the cut you’ve selected.

The screenshot shows the 'Appraise Editor' window. At the top, there's a 'Back' button and a 'Cut' dropdown menu set to 'Brilliant'. Below these are three tabs: 'Edit Existing Cut', 'Create New Cut', and 'Edit Fixed Cut'. The 'Create New Cut' tab is active. In this tab, there's a 'Name of Cut' field with 'My\_Brilliant', a 'Proceed' button, a 'Quality' dropdown set to 'VG', an 'Add' button, and a 'Create Cut' button. Below this is a table with columns: 'Select', 'FixedCut', 'Parameter', 'EX [Lower]', and 'EX [Upper]'. The table lists 15 parameters for a diamond cut. The 'DownAngle' row is highlighted in blue, and its 'FixedCut' checkbox is checked. The 'UpAngle' row also has its 'FixedCut' checkbox checked. The other 'FixedCut' checkboxes are unchecked. The 'EX [Lower]' and 'EX [Upper]' columns contain numerical values for each parameter.

Select	FixedCut	Parameter	EX [Lower]	EX [Upper]
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	UpAngle	33.8	35.4
<input checked="" type="checkbox"/>	<input type="checkbox"/>	UpHeight_GIA	12.8	15.2
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	DownAngle	40.7	41.2
<input checked="" type="checkbox"/>	<input type="checkbox"/>	GirdleHeight_GIA	2.7	4.5
<input type="checkbox"/>	<input type="checkbox"/>	Table	55	59.2
<input type="checkbox"/>	<input type="checkbox"/>	GirdleRatio	0.999	1.001
<input type="checkbox"/>	<input type="checkbox"/>	FullHeight	59.5	61.4
<input type="checkbox"/>	<input type="checkbox"/>	Culet	0	0.2
<input type="checkbox"/>	<input type="checkbox"/>	UpperAngleAzimuth	11	11.5
<input type="checkbox"/>	<input type="checkbox"/>	HalvesAngleAzimuth	11	11.5
<input type="checkbox"/>	<input type="checkbox"/>	CuletOffsetX	-0.1	0.1
<input type="checkbox"/>	<input type="checkbox"/>	CuletOffsetY	-0.1	0.1
<input type="checkbox"/>	<input type="checkbox"/>	GirdleDeviation	-0.1	0.1
<input type="checkbox"/>	<input type="checkbox"/>	Pavilion	18	22
<input type="checkbox"/>	<input type="checkbox"/>	StarToCleanRatio	40	60
<input type="checkbox"/>	<input type="checkbox"/>	UpSquare	-1.82	12.5

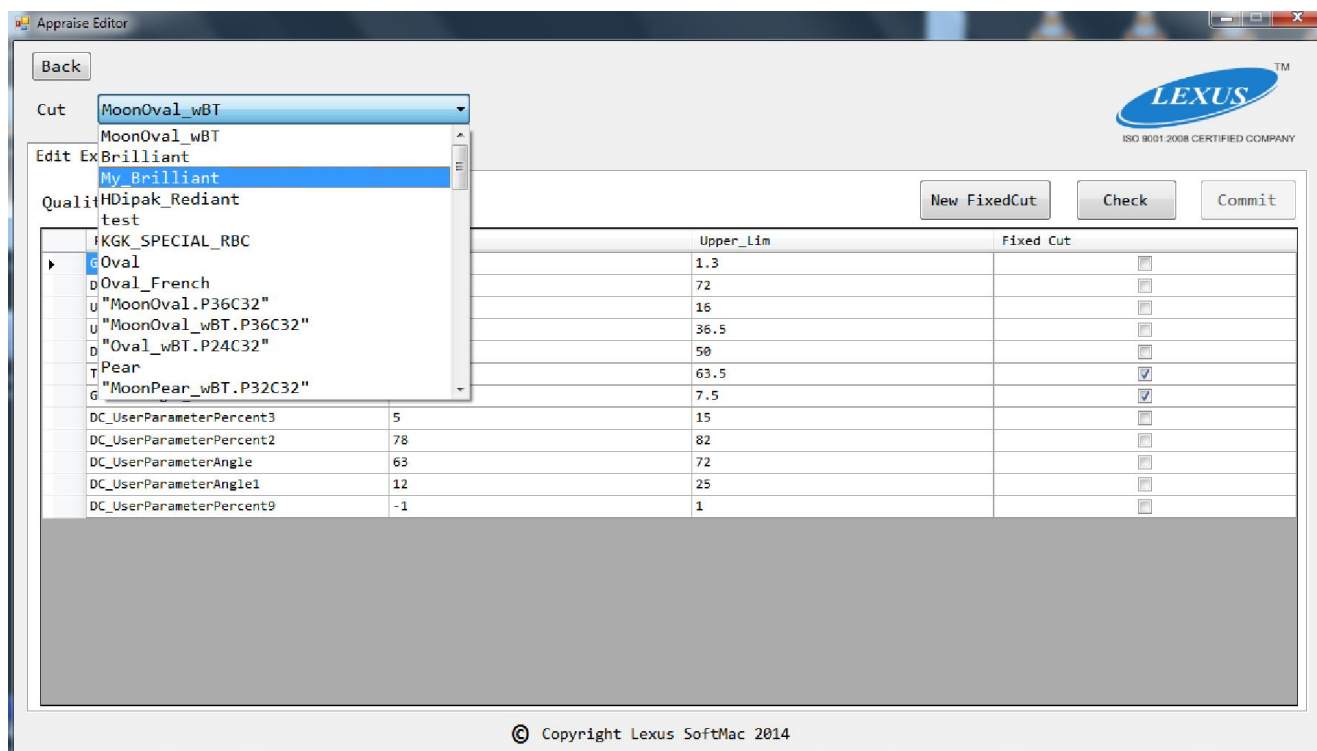
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After completion of adding of qualities and changing the desired parameters, select the desired parameters from the checkbox beside it. Also, there is a fixed-cut checkbox column, which lets you select which parameters to be included in the fixed-cut.

These values shall be average of the upper and the lower limits by default. (These values can be changed from the application itself, later).

If you’re done selecting all desired parameters and the parameters for the fixed-cut, press the “Create Cut” button, and your cut shall be created.

The form shall reload after clicking on this button, and after it reloads, you shall find the newly created cut in the drop-down menu, and it’s ready for viewing/editing.

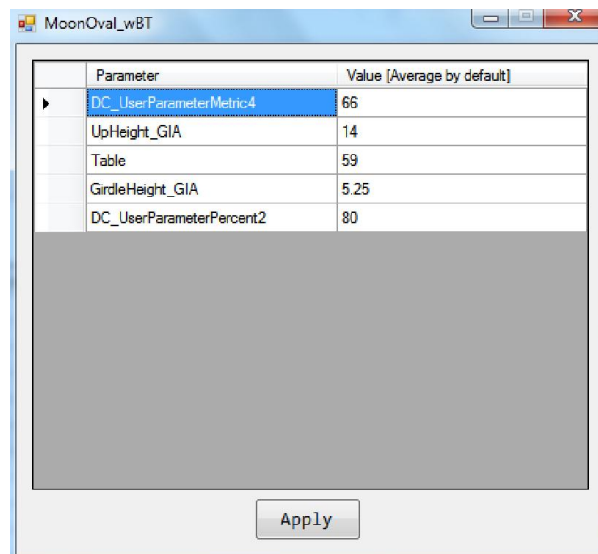
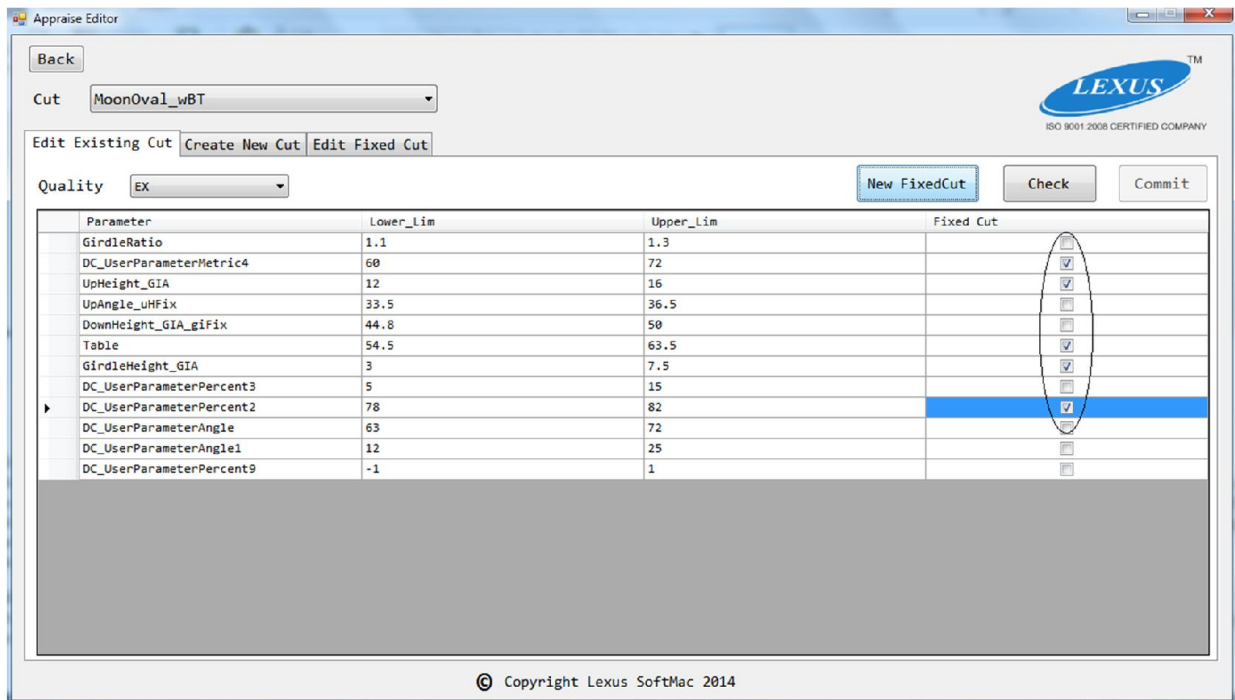


## 1.7 CREATING A NEW FIXED-CUT

This can be done from the first tab. As you select the cut, you may find that in the check-box, all the parameters which already exist in the fixed-cut of your cut, are checked. Now if you wish to create a completely new fixed-cut, simply select the desired parameters by checking/unchecking the parameters in the data-grid and press the "New Fixed cut" button. A new form shall appear, which allows you to change the values of the fixed-cut. Now these values will be the average of the upper and the lower limits by default, of the selected parameters. But you may change them, before you press the "Apply" button.

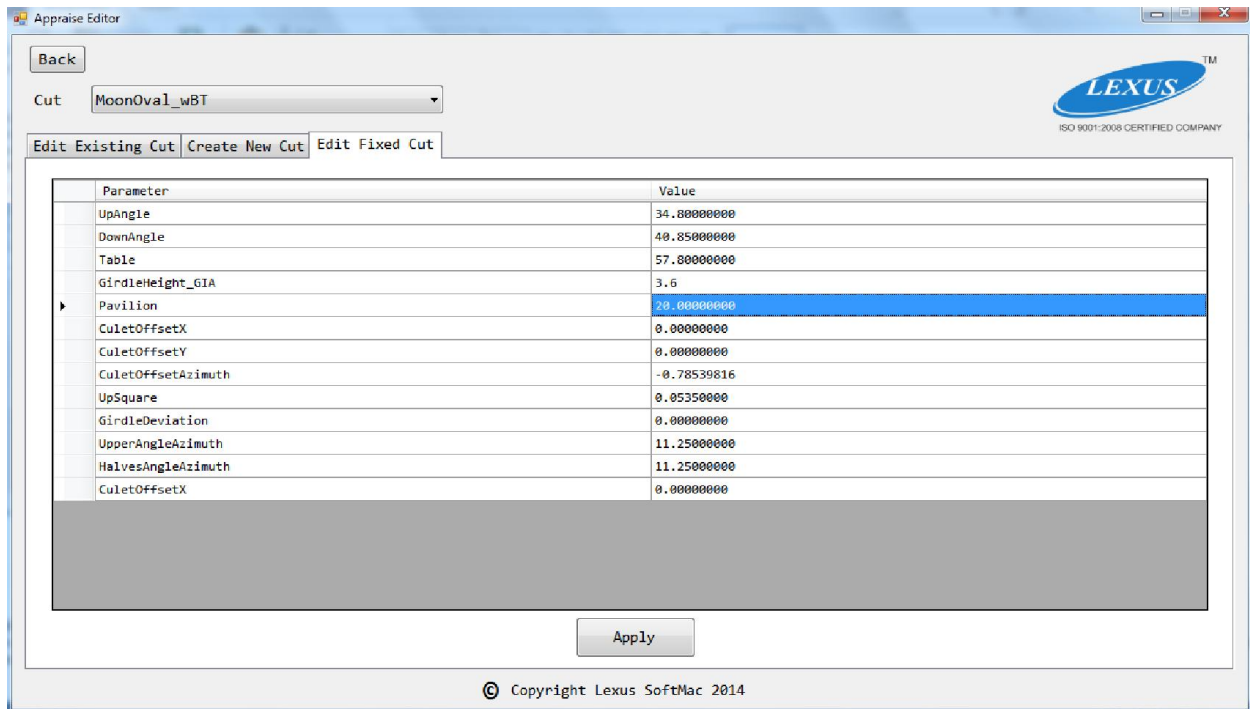
Note: Creating a new Fixed-Cut will replace the existing fixed-cut of the selected cut.





## 1.8 EDIT A FIXED-CUT

This task can be performed from the third tab on the main page of the application. Select the cut whose fixed-cut has to be edited. The existing values and parameters are shown in the grid. You can simply edit the values and then press the apply button to commit the changes to the Appraiser File.



## 1.9 SUPPORT

For any bug-reports or error in the software, please mail us at [support@lexus-com.com](mailto:support@lexus-com.com) or [huzefa@lexus-com.com](mailto:huzefa@lexus-com.com).

If possible, please send the screenshots as well, because it might help us to solve the exact problem you might be facing.

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