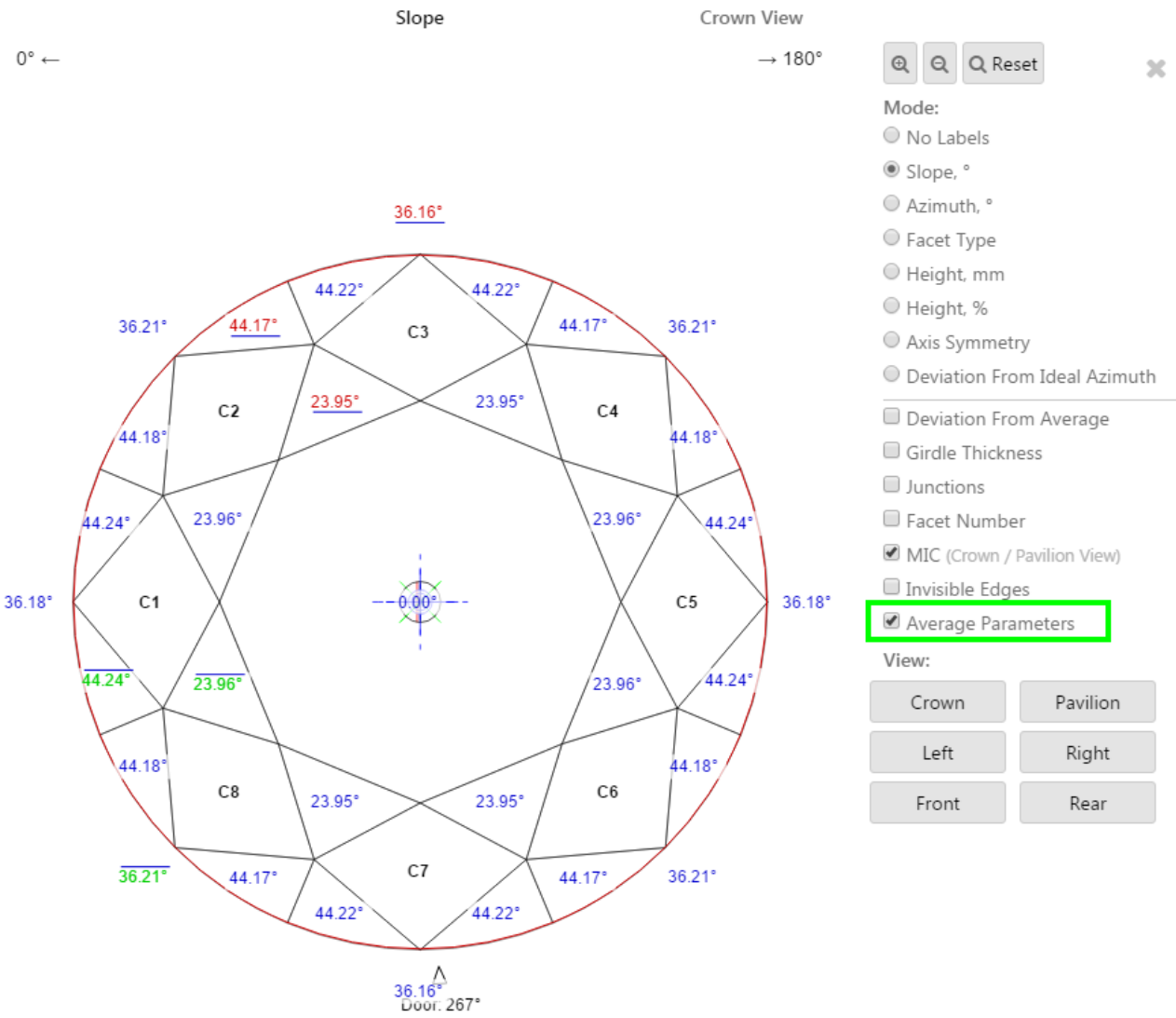
2018-05-11 - HPOxygen Server 4.3.12

Table with average parameters in I3D Mini View

There is a check box ***Average parameters*** in I3D Mini View settings (under ). Checking this box will show a table with main average parameters of the model. This table provides easy and fast access to main parameters values after scan:



Diameter minimum	Diameter maximum	Diameter average	Crown angle	Pavilion angle	Table	Culet	Spread	Extra facet girdle / Nat
6.270 mm	6.289 mm	6.279 mm	36.19°	40.56°	57.82 %	0.02 %	-6.06 %	No

Width	Length	Ratio (L/W)	Crown height	Pavilion height	Total height	Girdle height		
						Bezel	Bone	Valley
6.270 mm	6.289 mm	1.003	15.45 %	42.80 %	62.43 %	4.18 %	4.23 %	2.44 %

New parameters for Oval cutting in Full Report

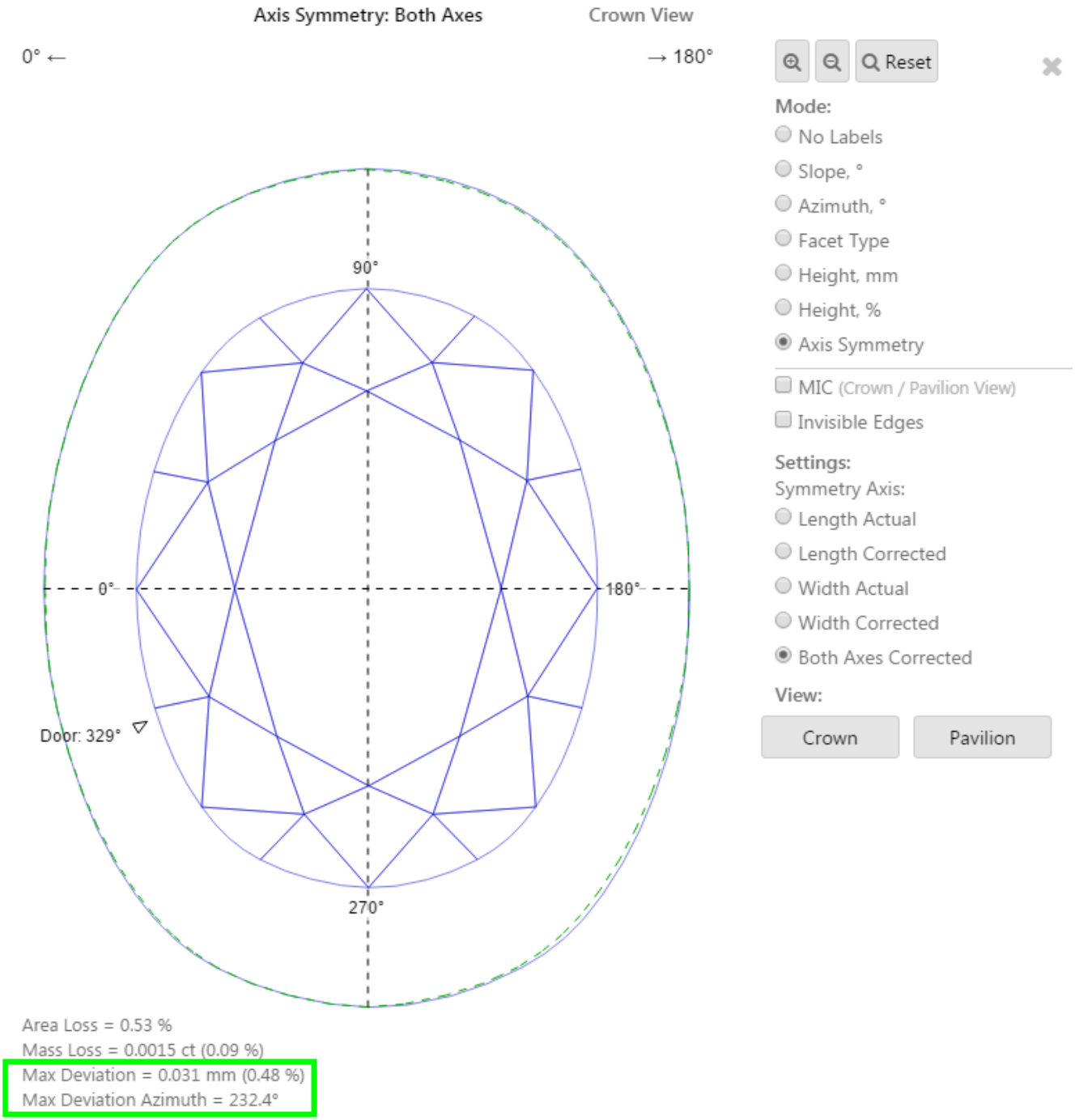
New parameters of MyAppraiser for Oval, introduced in previous release 4.2.7, are added to Full Report:

Parameter		Avg	Min	Max	Dev	Cut	Sym
Girdle Shape Flexure	°	0.3				EX	
Crown Slope Delta Curve-Wing	°	0.49				EX	
Crown Slope Delta Wing-Point	°	2.49				EX	
Crown Breadth	%	4.61					EX
Girdle height bezel local Deviation	%	0.37					EX
Girdle height valley local Deviation	%	0.47					EX
Girdle height bone local Deviation	%	0.13					EX
Junction Bezel Twist Max	°	0.00					EX
Junction Bone Twist Max	°	0.00					EX
Junction Star Twist Max	°	38.88					FR
Crown Height Correlation	%	1.54					VG
Pavilion Height Correlation	%	1.55					VG
Table Points Axial Symmetry	%	0.53					EX
Star Points Axial Symmetry	%	0.52					EX
Pavilion Points Axial Symmetry	%	0.33					EX
Star Facets Azimuth Symmetry	°	0.14					EX
Main Crown Facets Azimuth Symmetry	°	0.26					EX
Upper Girdle Facets Azimuth Symmetry	°	0.51					EX
Lower Girdle Facets Azimuth Symmetry	°	0.75					EX
Main Pavilion Facets Azimuth Symmetry	°	0.63					EX
Lower Girdle Length Local Deviation	%	1.00					EX
Crown Slope Symmetry	°	1.00					EX
Star Slope Symmetry	°	0.82					EX
Cullet Offset Width Wise	%	0.03					EX
Cullet Offset Length Wise	%	0.01					EX
Sweet Line	°	0.84				EX	

Axis symmetry pictures

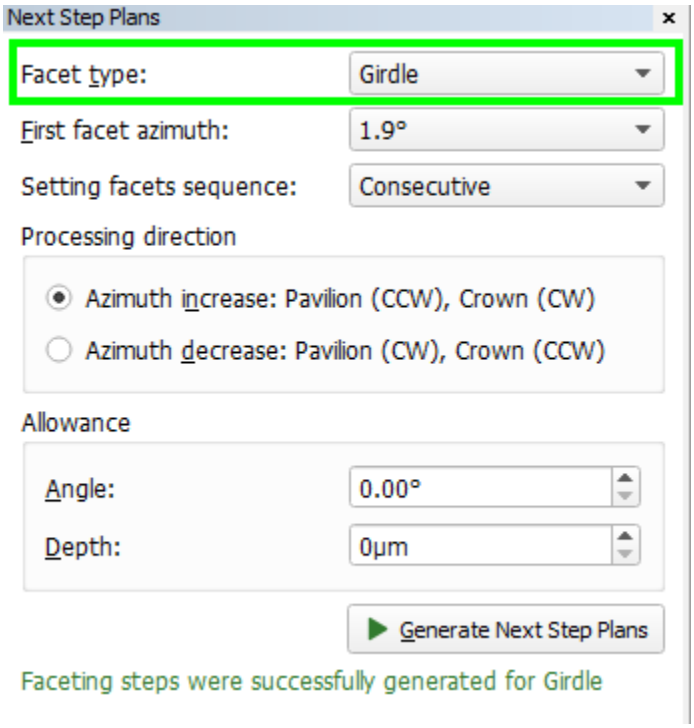
3.1. Assymetry max deviation information is added to axis symmetry pictures (see below).

3.2. In I3D Mini View a "goal" curve (to get ideal symmetry) is drawn by green dashed line since this version 4.3.5 Before it was a red line.



"Girdle" facet type in Galahad (Generate next plan...) panel

There is new facet type ***Girdle*** in **Galahad1** mode in **Next Step Plans** panel:



Improvement in algorithm of model building for POMHR (Pear, Oval, Marquise, Heart, Radiant).

Galahad (Faceting) report printing

Report formatting is improved for neat printing from the web browser.