

A decorative vertical bar on the left side of the slide. It features a thin orange line, a wider orange grid pattern, and a large orange circle. To the right of the large circle are four smaller orange circles of varying sizes, arranged in a cluster.

HOW TO DESIGN PRISM FROM TRACEPRO?

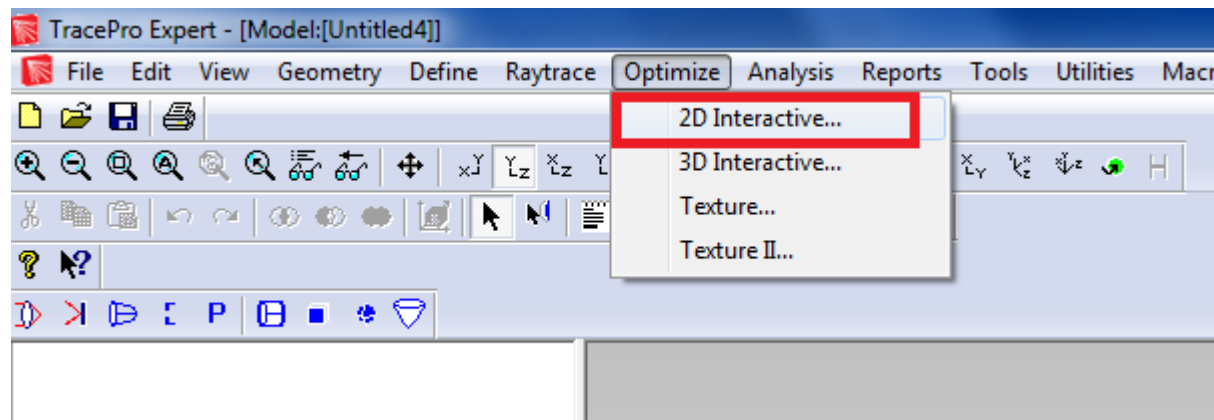
DESIGN PRISM

- Prism are of various type and Shape such as right Angle, Dove, Penta, pechan Abbe, Amici, Porro, Retro and others.
- Common thing is that they just have Plane surface for bending the beam path.



DESIGN

- Launch TracePro > 2D Optimizer

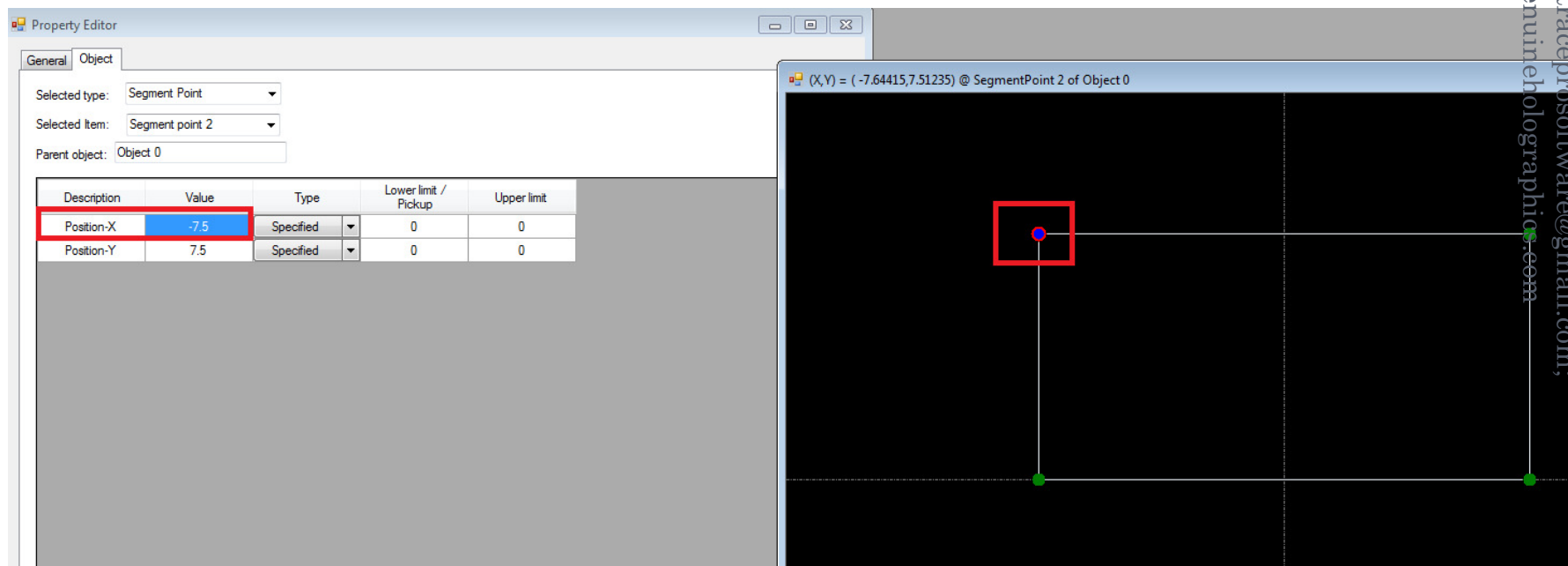


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2D OPTIMIZER

- In 2D Optimizer > Profile Editor
- Select the Point and change Coordinate from -7.5 to 0.



The screenshot displays the 'Property Editor' window on the left and a 2D plot on the right. The 'Property Editor' window has a 'General' tab and shows the following table:

Description	Value	Type	Lower limit / Pickup	Upper limit
Position-X	-7.5	Specified	0	0
Position-Y	7.5	Specified	0	0

The 'Position-X' value of -7.5 is highlighted with a red box. The 2D plot on the right shows a coordinate system with a blue dot at the top and two green dots at the bottom. A red square highlights the blue dot, and a tooltip above it reads '(X,Y) = (-7.64415,7.51235) @ SegmentPoint 2 of Object 0'.

PRISM

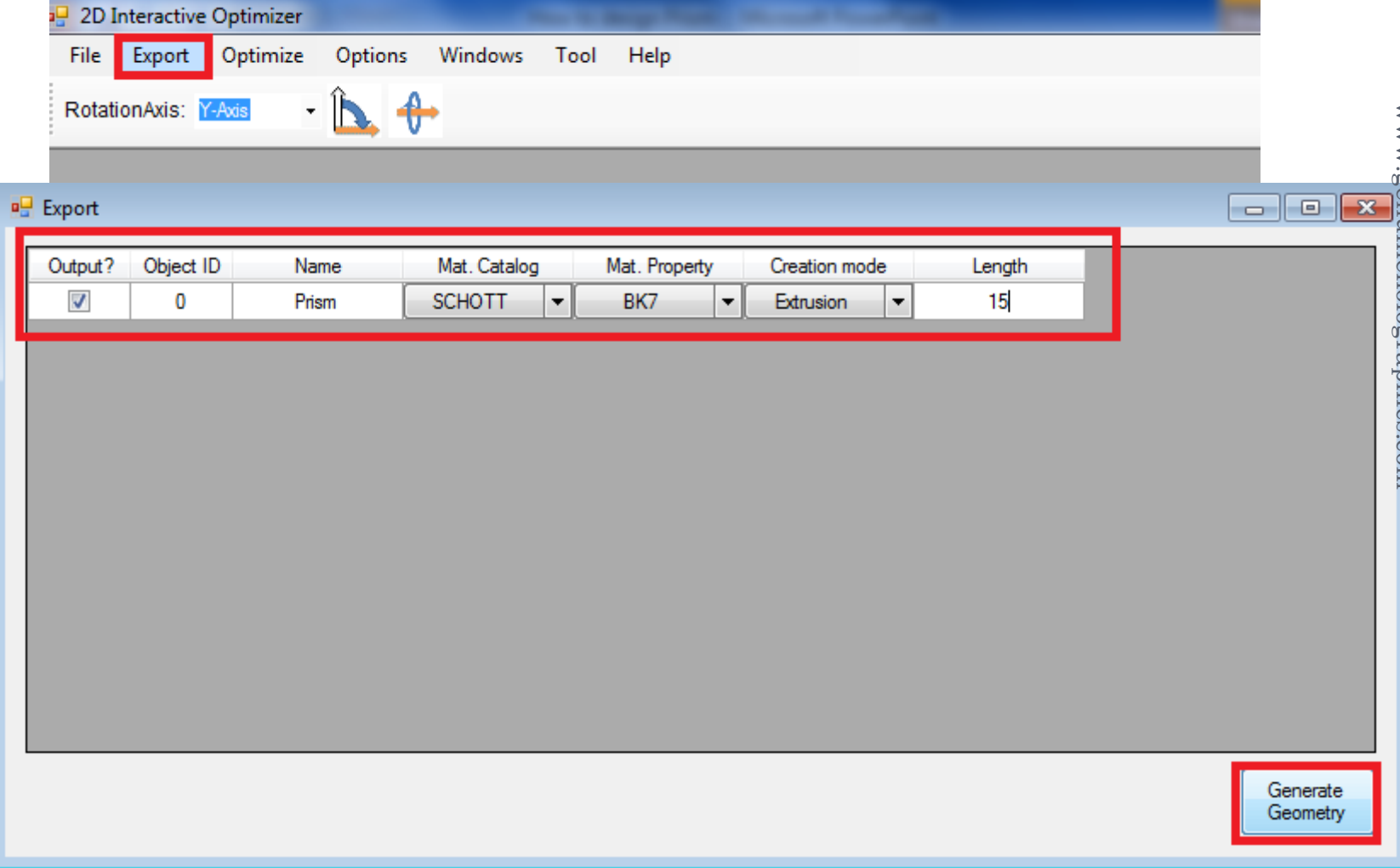
The screenshot displays the PRISM software interface. On the left, a 'Property Editor' window is open, showing the 'General' tab. It includes dropdown menus for 'Selected type' (Segment Point), 'Selected item' (Segment point 2), and 'Parent object' (Object 0). Below these is a table with the following data:

Description	Value	Type	Lower limit / Pickup	Upper limit
Position-X	0	Specified	0	0
Position-Y	7.5	Specified	0	0

On the right, a 2D plot shows a triangle with three vertices marked by green dots. The plot area has a dark background with a light gray grid. A coordinate label '(5.22241, -5.76607)' is visible at the top left of the plot area. A vertical dashed line passes through the top vertex of the triangle. On the right side of the plot, there is vertical text: 'Email: traceprosoftware@gmail.com, www.genuineholographics.com'.

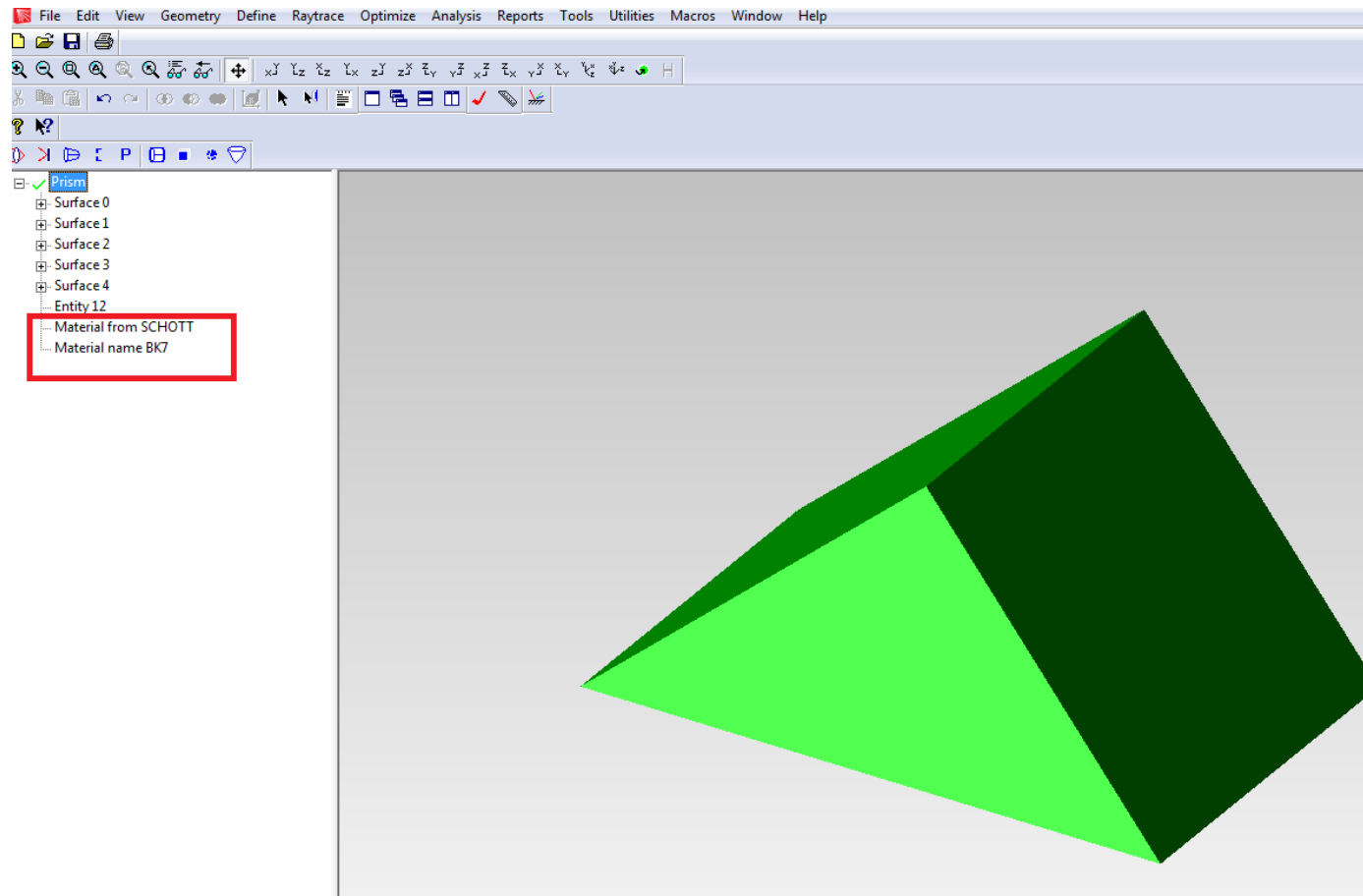


EXPORT TO TRACEPRO



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MODEL IN TRACEPRO



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DOVE PRISM

- In 2D optimizer

The screenshot displays a software interface with two main windows. The left window is titled "Property Editor" and has two tabs: "General" and "Object". The "Object" tab is active, showing the following settings:

- Selected type: Segment Point
- Selected Item: Segment point 0
- Parent object: Object 0

Below these settings is a table with the following data:

Description	Value	Type	Lower limit / Pickup	Upper limit
Position-X	-15	Specified	0	0
Position-Y	0	Specified	0	0

The right window is a 2D plot titled "(X,Y) = (-14.91071, -0.03988) @ SegmentPoint 0 of Object 0". It shows a black coordinate system with a white grid. A blue dot representing a segment point is located at the bottom-left corner of the plot, enclosed in a red square. Three green dots are positioned at the top-left, top-right, and bottom-right corners of the plot. White lines connect the blue dot to the top-left and top-right green dots, and the top-left and top-right green dots to the bottom-right green dot, forming a trapezoidal shape. A vertical dashed line is also visible in the plot. On the right side of the plot, there is vertical text: "Email: traceprosoftware@gmail.com; www.genuineholographics.com".



DOVE PRISM

The screenshot displays a software interface with two main windows. The left window is titled "Property Editor" and has a "General" tab selected. It shows the following settings:

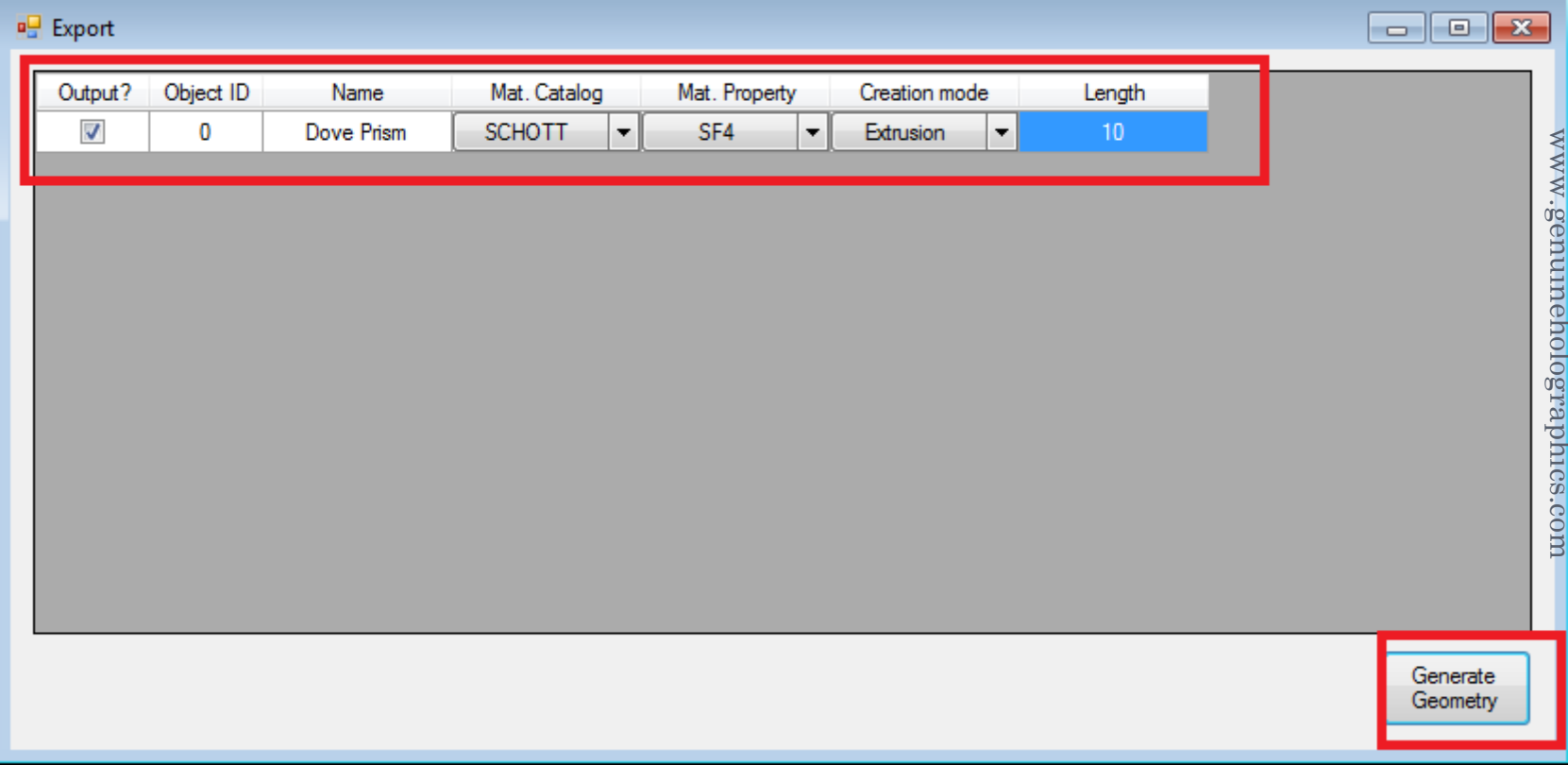
- Selected type: Segment Point
- Selected item: Segment point 2
- Parent object: Object 0

Description	Value	Type	Lower limit / Pickup	Upper limit
Position-X	-10	Specified	0	0
Position-Y	7.5	Specified	0	0

The right window is titled "(X,Y) = (-10.04679,7.45534) @ SegmentPoint 2 of Object 0". It shows a 2D coordinate system with a black background and white axes. A red square highlights a point at the top-left corner of a shape, which is connected to other points by thin lines. The text "Email: traceprosoftware@gmail.com; www.genuineholographics.com;" is visible on the right side of the window.



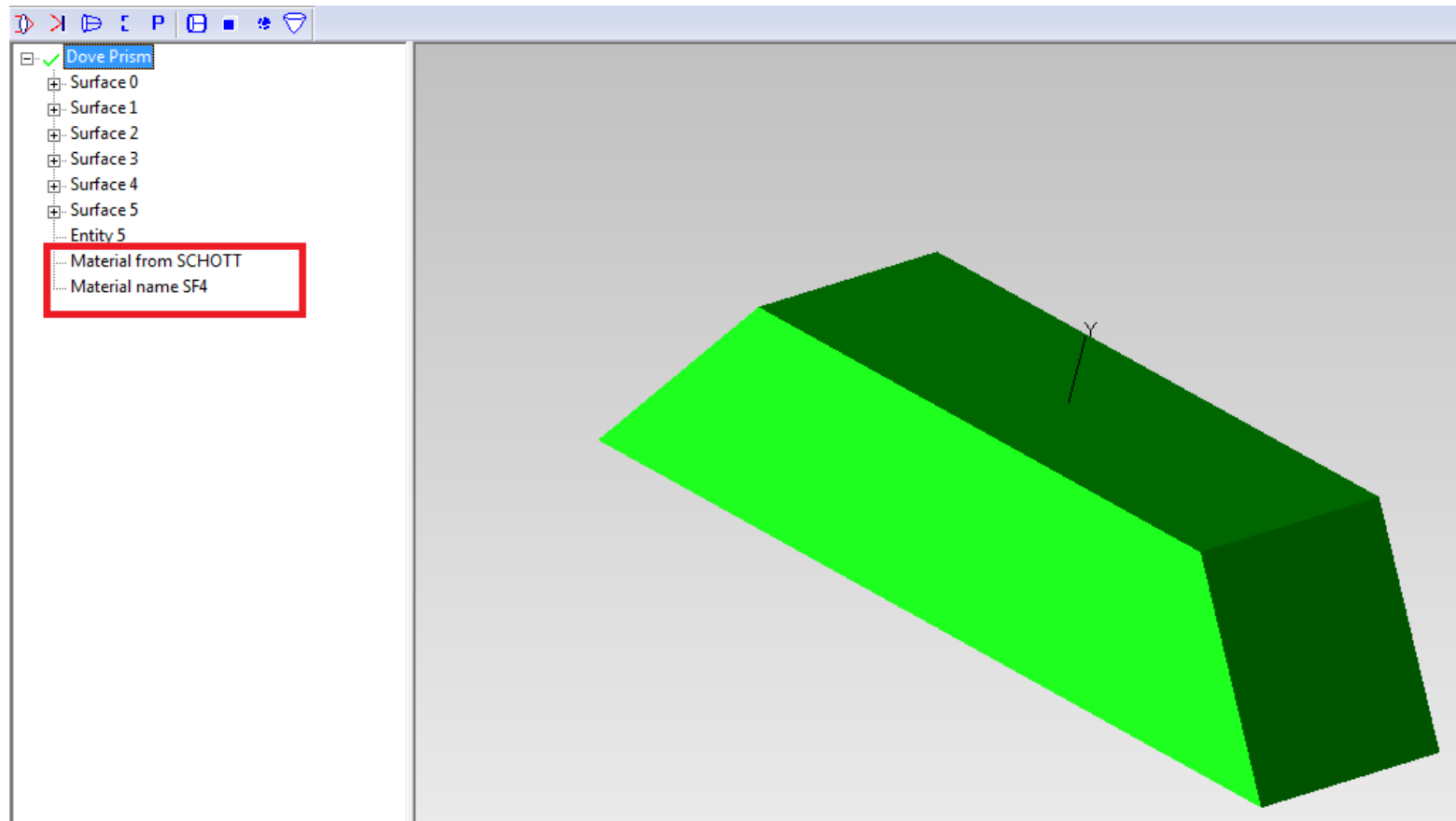
EXPORT



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