



Jefferson Lab Alignment Group

Data Transmittal

TO: S. Benson

DATE: 17 Nov 2016

FROM: Chris Gould

Checked: KJT

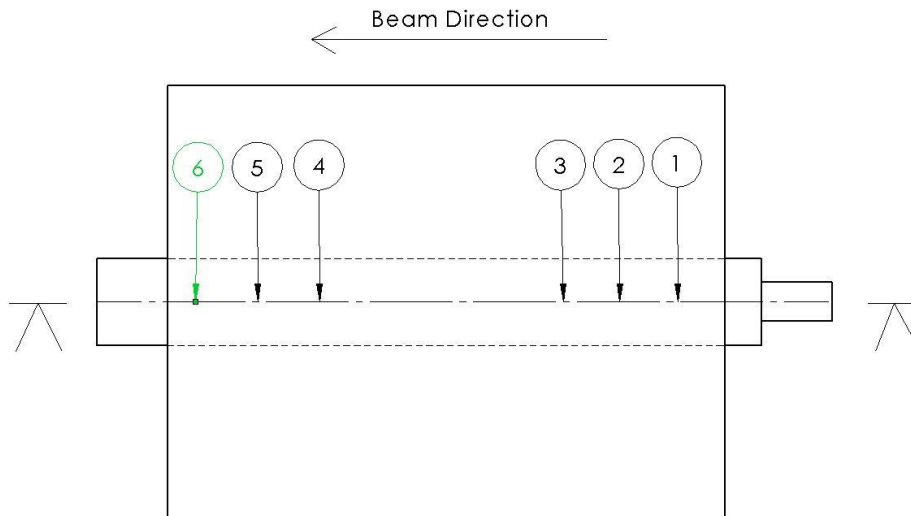
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DETAILS:

M:\align\DATA\Inspection\FEL\DARKLIGHT_TGT\161109A

Below are the post-run survey results of the Dark Light Kapton target carried out November 9th 2016. A bore scope was positioned on the solenoid centerline at both the upstream and downstream ends. The upstream and downstream target flanges were also positioned on the center of the magnet bore. The aperture offsets were sighted and measured using an optical micrometer. It was not possible to define the position of apertures two and three. This may be attributed to aperture one's large offset.

A positive X is to the beam left and a positive Y is up. Values are in millimeters.



	X	Y
US Flange	0.0	0.0
Ds Flange	0.0	0.0
TGT1	-6.5	-1.0
TGT4	-2.2	-1.0
TGT5	0.1	-0.8
TGT6	0.0	0.0