



Jefferson Lab Alignment Group

Data Transmittal

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FROM: James Dahlberg

Checked:

: A1042

DETAILS:

Data: m:\algin\data\step2b\halla\target\060223a & 060224a

Below are the results of the Big Bite target ladder, He3 tube, and collimator support survey carried out on February 17th, and 18th, 2006. The target ladder offsets are derived from an average of the seven fiducial points measured while each was positioned at the beam centerline vertically. The coordinates are in millimeters, with a +z being downstream along the main beamline, +x being transverse beam left, and +y being up.

	Z	X	Y
TARGET LADDER			
He3	-0.18	-0.19	-0.33
Reference	-0.37	-0.87	-0.54
Optics	-0.05	-1.09	-0.64
Empty	-0.24	-0.56	-0.57
UPST He3 PIPE			
Upst end	-459.30	0.93	1.18
Dnst end	-258.67	3.49	1.60
DNST He3 PIPE			
Upst end	262.95	-1.14	-0.07
COLLIMATOR SUPPORT			
Upst	-----	0.11	-0.10
Middle	-0.89	1.67	-0.60
Dnst	0.10	1.95	-0.68