



Jefferson Lab Alignment Group Data Transmittal

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DATE: 11 Apr 2016

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Checked: JD

: A1710

DETAILS:

Attached are the results from the DVCS detector inspection/fiducial survey carried out in April, 2016. The values are based on a right handed coordinate system (in millimeters), with XY centered on upstream end of cells 119, 120, 135 and 136. The Z origin is based on an average plane measured on the cells where values are shown below. The upstream plane set the pitch and yaw, and an average of all crystals set the roll. A +X is to the left as you look downstream, a +Y is up, and a +Z is downstream. The circles are labeled as shown on drawing #A0000-01-14-0900. Also listed is the previous and updated fiducial data used for surveying positions in the beam line. Note that there was a 0.7mm rms fit between the previous and current fiducial data indicating deformation in the housing.

<..\..\DATA\Fiduc\HallA\DVCS\160406A\DVCS Fiducal Data.xlsx>