



Jefferson Lab Alignment Group

Data Transmittal

TO: T. Whitlatch

DATE: 01/02/2018

FROM: J. Dahlberg

Checked: JMW

: D1843

DETAILS:

Data: Step2b\HallD\HighGranDet\170802a

Below are the results from the Hall D high granularity detector survey carried out in August 2017. The values (in machine coordinates) are based on the inner most upstream corner centered vertically on the upstream and downstream arrays. A + roll angle (in degrees), is clockwise looking from upstream, a + pitch angle is cw looking from the beam right, and a + yaw angle is ccw looking from above. No adjustment was necessary on the right detector.

LOCATION	X	Y	Z	PITCH	YAW	ROLL
Left Found	80.8388	104.7003	389.6963	0.047	4.893	-0.024
Left Set	80.8383	104.7002	389.6955	-0.025	4.672	0.018
Right Found	80.3615	104.7002	389.6956	0.006	-4.685	0.019