



Jefferson Lab Alignment Group

Data Transmittal

TO: J.P. Chen, J. LeRose

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Checked:

#: A911

DETAILS:

Below are the results of the survey performed on the Hall A waterfall target and sieve slit box prior to the Dec. 2003 run. The values are in millimeters and are relative to the ideal target centerline 800 millimeters upstream from the Hall A pivot. A positive X is to the beam left, a positive Y is above, and a positive Z is downstream.

COMPONENT	Z	X	Y
WF tgt.	3.22	1.19	-8.26
WF tgt upst flange.	-120.87	0.14	0.72
Solid tgt 3.	-0.84	1.15	0.60
Solid tgt 3 repeat.	-0.73	1.06	0.64
Solid tgt 4.	-0.96	0.62	0.44
Solid tgt 4 repeat.	-0.85	0.53	0.38
Hadron (right) septum slit.	798.02	-82.02	0.02
Hadron large aperture.	830.67	-83.59	0.29
Electron (left) septum slit.	798.00	84.52	-0.22
Electron large aperture.	831.09	84.67	-0.08