



Jefferson Lab Alignment Group

Data Transmittal

TO: M. Mnych

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Checked: LEB

: C2067

DETAILS:

M:\align\DATA\Step2B\HALLC\SOLID DETECTOR\230323A\Process

Below are the results of the recent Hall C Solid detector as-found survey. Positions are relative to the ideal Hall C target. A positive Z is downstream, a positive X is beam left and a positive Y is above. Values are in meters and degrees.

The Gem and Paddle positions are constructed by the intersection of the component face with a line defined by the "US_Solid" and "DS_Solid" flanges. Pitch and Yaw angles are defined by the US_Solid and DS_Solid cylinder.

	X	Y	Z	Pitch (RX)	Yaw (RY)
Gem	-6.2604	-0.0277	19.0352		
US_Solid	-6.3206	-0.0254	19.2124	89.256	-18.776
DS_Solid	-6.7656	-0.0085	20.5213		
DS Paddle	-6.8734	-0.0044	20.8385		

