

# ***Jefferson Lab Alignment Group***

## **DATA TRANSMITTAL**

**TO:** Craig Steffen

**DATE:** May 19, 2000

**FROM:** Jim Dahlberg

**Checked:**

**# :** B603

### **DETAILS:**

Below are the results of the Hall B Rad Phi survey performed on May 16, 2000. Repeatability tests on target positioning varied 0.21mm horizontally and 0.14mm vertically. The final location of the target is reported below. The Z values for the upstream face of the detector frame are relative distances to the upstream face of the target gear box. A negative X value is to the beam right and a negative Y value is low. The values are in millimeters.

	<b>X</b>	<b>Y</b>	<b>Z</b>
Beryllium target	-0.32	-0.09	
Shield wall center hole	2.73	-0.15	
Detector frame (beam left)			1455.11
Detector frame (beam right)			1453.81

