



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** R. Yasky, T. Frye, T. Witherspoon, S. Chandra, T. Whitlatch

**DATE:** 13 Oct 2009

**FROM:** Chris Curtis

**Checked:**

**# :** D1245

**DETAILS:**

DATA: \Geonet\SNET\Srv13 & 15

Below are the results of recent checks carried out on baseline control points 602 and 603, and the concrete slab at the Hall D site. The contractor survey points 602 and 603 were surveyed directly from Jlab control points on the accelerator site. There may be a rotational difference, with the northing difference on the far point (603) being larger than that on the near point.

The concrete slab was measured at five points - each corner and the center. With an assumed ideal elevation of 15ft 5in (i.e. 2 feet below finished floor), this puts the slab high by an average of 0.232ft or 2.78 inches

	<b>Point</b>	<b>E (ft)</b>	<b>N (ft)</b>	<b>EI. (ft)</b>
Contractor	602	5926.862	3071.382	31.740
	603	6353.348	3065.968	31.960
J.Lab	602	5926.855	3071.354	31.721
	603	6353.325	3065.927	31.951
Difference	602	-0.007	-0.028	-0.019
	603	-0.022	-0.042	-0.009

<b>Concrete Slab:</b>	<b>Point</b>	<b>EI. (ft)</b>
	NWCONC	15.632
	NECONC	15.658
	CPCONC	15.663
	SECONC	15.612
	SWCONC	15.679