



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** Al Gavalya

**DATE:** 26 Jan 2009

**FROM:** Kelly Tremblay

**Checked:**

**# :** A1214

**DETAILS:**

The coordinates below are for the existing cartridges near the proposed Moller target in Line A. The +Z coordinate is the upstream distance from the Hall A target. The +X coordinate is transverse to the Z coordinate and to the beam left when looking upstream. The Y coordinate is the center of the cartridge ball. The -Y values are the amount below the beamline. Units are millimeters.

Cartridge Name	Z	X	Y
P1C50C0	18617.41	-0.01	-388.17
P1C50L1	17761.44	-190.58	-388.22
P1C50R1	17761.39	190.43	-388.20
P1C50C2	17146.98	-0.06	-388.23
P1C50L3	16651.11	-190.61	-388.26
P1C50R3	16651.14	190.46	-388.25
P1C50C4	16246.41	-0.10	-388.27
P1C50L5	15751.63	-190.44	-388.30
P1C50R5	15751.06	190.42	-388.29
P1C50C6	15347.06	-0.09	-388.31
P1C50L7	14851.76	-190.57	-388.34
P1C50R7	14851.71	190.43	-388.33