

Jefferson Lab Alignment Group

DATA TRANSMITTAL

TO: Jackie Smith

DATE: June 4, 2002

FROM: Chris Gould

Checked: # : L781

DETAILS:

Below are the results of the YR001 magnet inspection performed May 31, 2002. A coordinate system was established by using the beam right side of the magnet as the ZY plane and a line constructed between the two bottom corners to define the Z axis. The bottom upstream corner is the origin. Positive Y is up and positive Z is downstream. Values are in millimeters.

<u>Four Corners</u>	Z	Y
Upstream Top	-15.35	388.55
Upstream Bottom	0.00	0.00
Downstream Top	1934.10	390.46
Downstream Bottom	1949.24	0.00
 <u>Arc Centerline on Pole</u>	 959.35	 410.55
 <u>Points Along Arc</u>		
1	228.36	397.95
2	472.02	404.77
3	715.68	408.97
4	1203.08	409.36
5	1446.75	405.63
6	1690.41	399.29
 <u>Width at Arc Centerline</u>	 374.79	