

Jefferson Lab Alignment Group

DATA TRANSMITTAL

TO: Tim Whitlatch, Brian Carpenter

DATE: Apr 5, 2002

FROM: Jim Dahlberg

Checked: # : L754

DETAILS:

Below are the results from the 12Gev Vacuum Vessel # 002 inside rail inspection performed on April 4, 2002. The Z axis of the coordinate system is centered on the upstream and downstream 35" Ø flanges located near the supports. Roll was fixed by aligning the corresponding 20"Ø side flanges on the beam right side to an average vertical plane. A positive X is to the beam left and a negative Y is below center. All measurements are in millimeters.

LOCATION	X	Y
0'	141.98	-362.92
1'	140.98	-361.62
2'	141.12	-362.62
3'	141.30	-362.24
4'	141.56	-362.10
5'	141.98	-362.46
6'	140.98	-361.34
7'	141.34	-362.26
8'	141.98	-362.26
9'	141.78	-362.02
10'	141.98	-361.68
11'	142.12	-360.40
12'	141.86	-361.84
13'	142.34	-362.36
14'	143.02	-362.48
15'	142.40	-362.10
16'	141.36	-361.40
17'	142.00	-361.64
18'	142.44	-362.50
19'	142.40	-363.04
20'	142.06	-363.28
21'	141.54	-362.92