

Jefferson Lab Alignment Group

DATA TRANSMITTAL

TO: Tim Whitlatch, Brian Carpenter

DATE: 08/10/01

FROM: Chris Gould

Checked:

: DT_Z691

DETAILS:

Attached are the results from the SNS Cryo Rail inspections carried out on August 7th, 8th and 9th 2001. For the 29' 4" rails in the Test Lab, a horizontal plane was established by taking out the pitch and roll at stations 3' and 19' using rails 1 and 4. A vertical plane was established on a parallel offset to rail 1 at stations 2' and 25'.

For the 20' stainless rails in the Physics Storage Building, a horizontal plane was established by taking out the pitch and roll at stations 4' and 16' using rails 1 and 2. A vertical plane was established on a parallel offset to rail 1 at stations 4' and 16'.

For the 20' non-stainless rails in the Physics Storage Building, a horizontal plane was established by taking out the pitch and roll at stations 4' and 17' using rails 1 and 4. A vertical plane was established on a parallel offset to rail 1 at stations 1' and 19'.

Each rail set has been labeled 1 through 4 with station 0' being upstream. Positive X values are to the beam left side looking downstream and positive Y values are high. Values are in mm.

