



Jefferson Lab Alignment Group

Data Transmittal

TO: Ed Daly, Brian Carpenter

DATE : Jun 16, 2003

FROM: Chris Gould

Checked:

Z872

Details:

Below are the results of the SNS cryomodule return end can 05 re-inspection survey performed on June 10, 2003. A coordinate system was established with the central axis running through the aperture of the end plate. A line was constructed through the shield bayonet to control roll. The end plate sealing surface was used to define $Z = 0$. Values are in inches.

Drawing Number : CRM9008020 -1115

| Description | X | Y | Z |
|-------------------------|-------|-------|-------|
| Primary Bayonet Pos. | 20.16 | 14.03 | 7.87 |
| Shield Return Bayonet | 20.21 | 13.75 | 19.87 |
| Relief Stack Position | 14.86 | 31.81 | 15.86 |
| Cool Down JT Position | 19.89 | 36.30 | 30.03 |
| Cool Down Outlet Flange | 19.97 | 27.72 | 4.62 |

Drawing Number : CRM9008020 - 0000

Bayonet Box Offset 10.68

Drawing Number : CRM9008020 - 1028

Warm-to-Cold 0.006
Beampipe Sealing
Surface Flatness