



Jefferson Lab Alignment Group

Data Transmittal

TO: Kelly Dickson

DATE: Feb 13 2004

FROM: Chris Gould

Checked:

#: F917

DETAILS:

Below are the positions of the cryo line bayonets and the predicted locations of their respective end can supply and return bayonets when aligned in beam line. All positions are to the top of the bayonets with the exception of the cryo line supply side, which is to the top of the collar (see diagram). Positive Z is upstream, positive X is beam right and positive Y is up. Values are in meters.

Supply End	Z	X	Y	dZ	dX	dY
Shield Bay	59.2652	20.3940	5.6838	0.2701	0.7175	-0.0228
Cryo Line	59.5353	21.1115	5.6610			
Primary Bay	59.5705	20.3926	5.6796	0.1167	0.7239	-0.0174
Cryo Line	59.6872	21.1165	5.6622			
Return End						
Shield Bay	68.5783	20.4133	5.6762	-0.1972	0.3124	0.0118
Cryo Line	68.3811	20.7257	5.6880			
Primary Bay	68.2731	20.4068	5.6801	-0.1940	0.3312	0.0101
Cryo Line	68.0791	20.7380	5.6902			

Cryo Line Bayonet

