



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

: D1474

DETAILS:

DATA: Geonet\SNET\Srv32

The following list of points was generated for the installation of the cryo-pipes from the cryo-building to Hall D. The center of the east and west pipe was generated by three locations and level data. The average center was determined on the piers with a tape measure and then surveyed. The location of the Dewar was determined using a circle fit from four measured points. Coordinates are in meters with respect to the center of the accelerator, with an estimated accuracy of 5 mm for all of the points except for the East and West Pipe where 10 mm would be a better estimation due to the orientation of the pipe.

Description	Z (m)	X (m)	Y (m)
East_Pipe	391.951	88.344	109.606
West_Pipe	391.034	88.349	109.618
Center_North_Pier	383.416	104.058	106.513
Center_Middle_Pier	386.311	98.727	108.066
Center_South_Pier	389.244	93.326	108.559
N.E._Cryo_Bldg_Corner	380.162	111.118	
N.W._Cryo_Bldg_Corner	367.407	111.112	
S.E._Cryo_Bldg_Corner	380.123	104.441	105.906
Dewar	382.183	109.105	