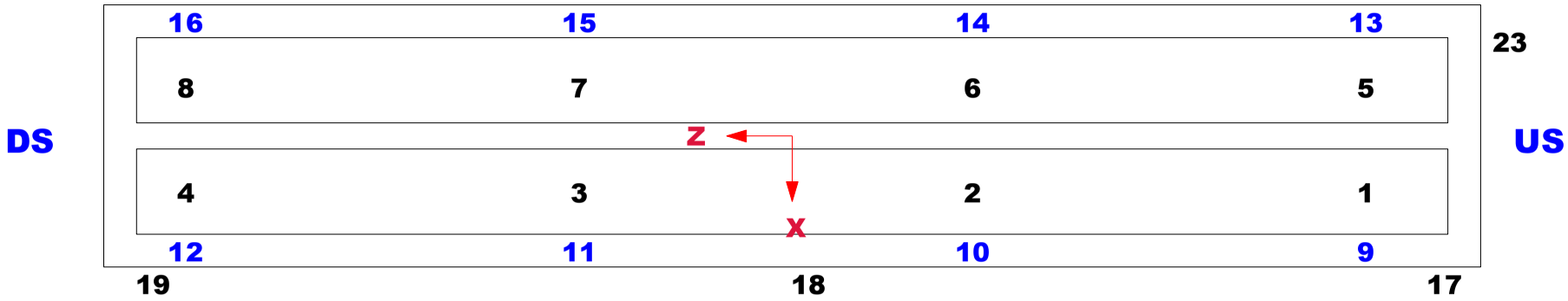
.5in Tooling Ball Center Coordinates

Name	X Corr.	Y Corr.	Z Corr.
TB 9	430.121	-0.746	-1489.438
TB 10	430.261	-0.398	-523.927
TB 11	430.292	-0.330	524.141
TB 12	430.282	-0.209	1489.531
TB 13	-430.071	-0.266	-1489.660
TB 14	-430.118	-0.735	-524.285
TB 15	-430.037	-0.663	524.007
TB 16	-429.914	-0.527	1489.511

1.5in Tooling Ball Center Coordinates

Name	X Corr.	Y Corr.	Z Corr.
TB 1	98.711	136.113	-1666.030
TB 2	98.529	135.330	-556.088
TB 3	98.794	135.470	556.006
TB 4	98.377	135.647	1665.923
TB 5	-98.392	136.177	-1665.934
TB 6	-98.196	135.400	-555.958
TB 7	-98.234	135.310	556.006
TB 8	-98.346	135.097	1665.760
TB 17	471.918	-229.000	-1582.703
TB 18	471.256	-229.131	84.127
TB 19	469.223	-229.037	1579.251
TB 23	-405.114	-230.466	-1709.015



Grider centerline in reference to Beam Pipe Locating Pins

Dimensions in MM, Angles in Milliradians

SLAC NATIONAL ACCELERATOR LABORATORY METROLOGY

HGVPU - Pre-Tune Fiducials at 9mm Gap, Tooling Balls

		US Full :	9.000	DS Full :	8.9999
Nominal Gap :	9.000	US Wall Half :	4.5001	DS Wall Half :	4.5000
Nom. Taper :	0.000	US Aisle Half :	4.4999	DS Aisle Half :	4.4998

S/N	: HXU_017
Date	: 09-SEP-2020
Data Set	: 0001
Run	: 001
Cam Pos.	: B