O: Tim Whitlatch and Bria	n Carpenter	DATE: Sep 23,	02
ROM: Richard Schwar	tz	Checked:	# : Z814r
<u>ETAILS:</u>			
week of Sept. 16 th , 20 central axis running thr	02. A right hand c ough the upstream plane using the thro Positive Z runs dow ng. Values are in i	oordinate system w and downstream ee top hat flanges. vnstream with Z = 0 nches. Attached is	
Vacuum vessel overa (CRM9003000-0000,	•	X	Y
Reinforcing Ring – Up:	stream	0.00	0.00
Reinforcing Ring – 2 nd			0.00
Reinforcing Ring – 3 rd		-0.03 0.00	-0.01
Reinforcing Ring – 4 th Reinforcing Ring – Dov	Reinforcing Ring – 4 th		0.01 0.00
Rail Position: (CRM9003000-0000,4/		0.00	
Station	z	X	Y
Upstream	11.00	-10.44	-15.63
	107.25	-10.34	-15.70
Downstream			
Downstream Port Position	Z	x	Y

DATA TRANSMITTAL (cont.)				
Z814	DATE: Sept. 23, 2002		PAGE : 2 of 2	
Top Hat Flange: (CRM9003000-0000, 4/5	Z	x	Y	
Upstream Middle Downstream	31.78 47.55 93.11	-0.02 -0.03 -0.04	-20.69 -20.68 -20.68	
Weld Disk: (CRM9003000-0002)				
Upstream BL Upstream Upstream BR 2 nd BL 2 nd BR 3 rd BL 3 rd	3.87 3.87 25.36 25.37 25.34 54.28 54.28	17.32 -0.06 -17.27 17.31 -0.08 -17.28 17.29 -0.08	-9.93 19.98 -10.05 -9.94 19.96 -10.04 -9.91 19.94	
3 rd BR 4 th BL 4 th 4 th BR 5 th BL 5 th 5 th BR Downstream BL	54.27 74.46 74.47 74.49 99.44 99.45 99.47 120.94	-17.32 17.23 0.01 -17.34 17.24 0.03 -17.32 17.25	-10.05 -10.02 19.97 -9.97 -10.02 19.97 -9.98 -10.01	
Downstream Downstream BR	120.97 120.97	0.05 -17.31	20.22 -9.99	