

DATE: 10/29/01

DO NOT MEASURE FROM THESE GLOBAL COORDINATES

SNS lattice file for pseudo periods in the DTL Tank 1

Element centre Element centre Element centre
Global Coord. [m] Global Coord. [m] Global Coord. [m]

	Element	length [m]	S [m]	beta_x	beta_y	z	x	y	Diagnostic
DTL_Mag:QH100	Quad	0.017500	0.017500	0.818302	0.248987	19549.963344	100000.000000	200004.600000	
DTL_Mag:QV102	Quad	0.017500	0.126427	0.250965	0.833298	19550.072271	100000.000000	200004.600000	
DTL_Mag:QV103	Quad	0.017500	0.181321	0.255135	0.838301	19550.127165	100000.000000	200004.600000	
DTL_Mag:QH105	Quad	0.017500	0.292042	0.869919	0.256495	19550.237886	100000.000000	200004.600000	
DTL_Mag:QH106	Quad	0.017500	0.347863	0.878162	0.260305	19550.293707	100000.000000	200004.600000	
DTL_Mag:QV108	Quad	0.017500	0.460471	0.270178	0.887277	19550.406315	100000.000000	200004.600000	
DTL_Mag:QV109	Quad	0.017500	0.517277	0.273679	0.896622	19550.463121	100000.000000	200004.600000	
DTL_Mag:QH111	Quad	0.017500	0.631942	0.926802	0.278309	19550.577786	100000.000000	200004.600000	
DTL_Mag:QH112	Quad	0.017500	0.689822	0.935285	0.284722	19550.635666	100000.000000	200004.600000	
DTL_Mag:QV114	Quad	0.017500	0.806729	0.289232	0.975176	19550.752573	100000.000000	200004.600000	
DTL_Mag:QV115	Quad	0.017500	0.865777	0.294957	0.987749	19550.811621	100000.000000	200004.600000	
DTL_Mag:QH117	Quad	0.017500	0.985121	1.008835	0.309499	19550.930965	100000.000000	200004.600000	
DTL_Mag:QH118	Quad	0.017500	1.045440	1.022362	0.317411	19550.991284	100000.000000	200004.600000	
DTL_Mag:QV120	Quad	0.017500	1.167431	0.320251	1.082362	19551.113275	100000.000000	200004.600000	
DTL_Mag:QV121	Quad	0.017500	1.229128	0.327646	1.092880	19551.174972	100000.000000	200004.600000	
DTL_Mag:QH123	Quad	0.017500	1.353989	1.112369	0.333242	19551.299833	100000.000000	200004.600000	
DTL_Mag:QH124	Quad	0.017500	1.417181	1.120707	0.331327	19551.363025	100000.000000	200004.600000	
DTL_Mag:QV126	Quad	0.017500	1.545152	0.338048	1.096716	19551.490996	100000.000000	200004.600000	
DTL_Mag:QV127	Quad	0.017500	1.609960	0.334213	1.100849	19551.555804	100000.000000	200004.600000	
DTL_Mag:DCH128	Quad	0.017500	1.675337	0.632742	0.631969	19551.621181	100000.000000	200004.600000	
DTL_Mag:QH129	Quad	0.017500	1.741295	1.109361	0.332097	19551.687139	100000.000000	200004.600000	
DTL_Mag:QH130	Quad	0.017500	1.807852	1.117277	0.333295	19551.753696	100000.000000	200004.600000	
DTL_Mag:DCV131	Quad	0.017500	1.875021	0.645112	0.642172	19551.820865	100000.000000	200004.600000	
DTL_Mag:QV132	Quad	0.017500	1.942820	0.343937	1.139817	19551.888664	100000.000000	200004.600000	
DTL_Mag:QV133	Quad	0.017500	2.011265	0.352690	1.159274	19551.957109	100000.000000	200004.600000	
DTL_Mag:DCH134	Quad	0.017500	2.080371	0.688845	0.677953	19552.026215	100000.000000	200004.600000	
DTL_Mag:QH135	Quad	0.017500	2.150156	1.229949	0.369787	19552.096000	100000.000000	200004.600000	
DTL_Mag:QH136	Quad	0.017500	2.220636	1.253179	0.388445	19552.166480	100000.000000	200004.600000	
DTL_Mag:DCV137	Quad	0.017500	2.291830	0.731243	0.765476	19552.237674	100000.000000	200004.600000	
DTL_Mag:QV138	Quad	0.017500	2.363755	0.394762	1.367649	19552.309599	100000.000000	200004.600000	
DTL_Mag:QV139	Quad	0.017500	2.436429	0.405878	1.388059	19552.382273	100000.000000	200004.600000	
DTL_Mag:QH141	Quad	0.017500	2.584101	1.390707	0.420756	19552.529945	100000.000000	200004.600000	
DTL_Mag:QH142	Quad	0.017500	2.659136	1.399890	0.414387	19552.604980	100000.000000	200004.600000	
DTL_Mag:QV144	Quad	0.017500	2.811706	0.411624	1.361726	19552.757550	100000.000000	200004.600000	
DTL_Mag:QV145	Quad	0.017500	2.889281	0.399169	1.360113	19552.835125	100000.000000	200004.600000	

DTL_Mag:QH147	Quad	0.017500	3.047117	1.317790	0.395237	19552.992961	1000000.000000	200004.600000	
DTL_Mag:QH148	Quad	0.017500	3.127422	1.325489	0.387534	19553.073266	1000000.000000	200004.600000	
DTL_Mag:DCH149	Quad	0.017500	3.208680	0.759780	0.742738	19553.154524	1000000.000000	200004.600000	
DTL_Mag:QV150	Quad	0.017500	3.290915	0.402739	1.324812	19553.236759	1000000.000000	200004.600000	
DTL_Mag:QV151	Quad	0.017500	3.374148	0.414940	1.349065	19553.319992	1000000.000000	200004.600000	
DTL_Mag:DCV152	Quad	0.017500	3.458403	0.820975	0.785723	19553.404247	1000000.000000	200004.600000	
DTL_Mag:QH153	Quad	0.017500	3.543704	1.483261	0.428605	19553.489548	1000000.000000	200004.600000	
DTL_Mag:QH154	Quad	0.017500	3.630073	1.516489	0.455902	19553.575917	1000000.000000	200004.600000	
DTL_Mag:DCH155	Quad	0.017500	3.717535	0.880594	0.913946	19553.663379	1000000.000000	200004.600000	
DTL_Mag:QV156	Quad	0.017500	3.806114	0.472137	1.654051	19553.751958	1000000.000000	200004.600000	
DTL_Mag:QV157	Quad	0.017500	3.895835	0.484069	1.684369	19553.841679	1000000.000000	200004.600000	
DTL_Mag:DCV158	Quad	0.017500	3.986025	0.937624	0.972192	19553.931869	1000000.000000	200004.600000	
DTL_Mag:QH159	Quad	0.017500	4.077358	1.668443	0.513152	19554.023202	1000000.000000	200004.600000	
DTL_Mag:QH160	Quad	0.017500	4.169825	1.693563	0.511403	19554.115669	1000000.000000	200004.600000	DTL_Diag:BLM160
DTL_Mag:QH160	Quad	0.017500	4.187325	1.567079	0.564903	19554.133169	1000000.000000	200004.600000	DTL_Diag:ED160
DTL_Diag:WS160	Drft	0.058176	4.245501	1.068640	0.843114	19554.191345	1000000.000000	200004.600000	DTL_Diag:FC160

DTL tank 1

