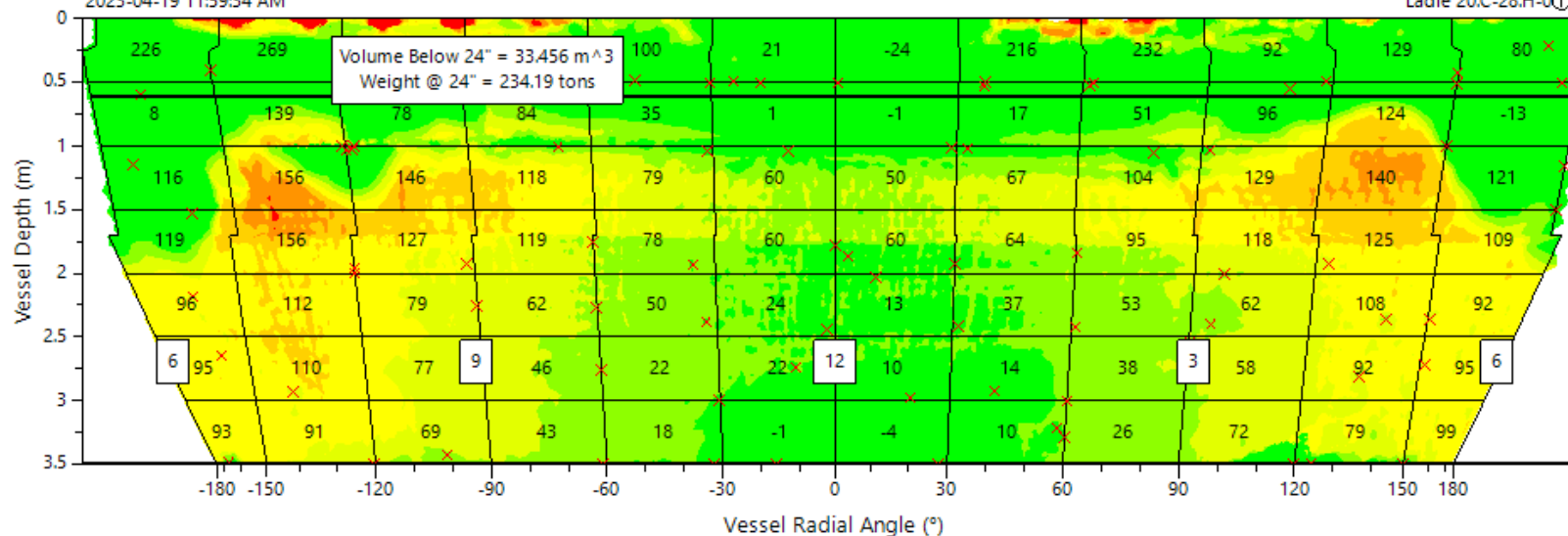


Wall Contour  
Ladle 20.C-28.H-56  
2023-04-19 11:59:34 AM

Ladle 20.C-28.H-0

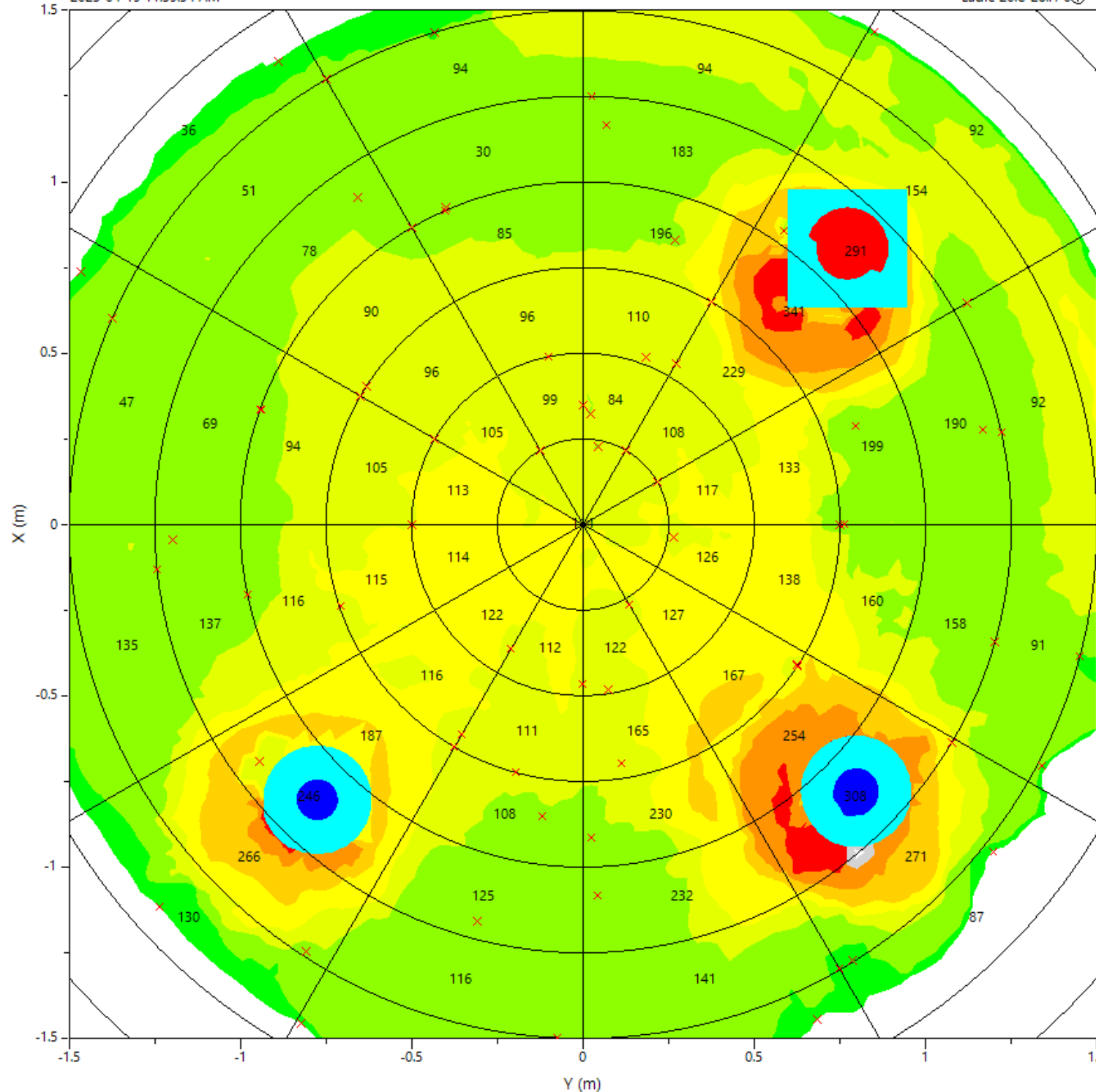


Wear (mm)	
<span style="color: green;">■</span>	< 0 mm
<span style="color: lightgreen;">■</span>	0 mm : 30 mm
<span style="color: yellow;">■</span>	30 mm : 60 mm
<span style="color: orange;">■</span>	60 mm : 90 mm
<span style="color: darkorange;">■</span>	90 mm : 120 mm
<span style="color: red;">■</span>	120 mm : 150 mm
<span style="color: darkred;">■</span>	> 150 mm
<span style="color: gray;">■</span>	Invalid

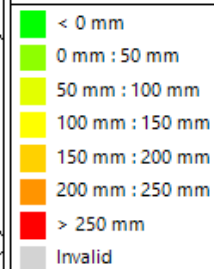
Maximum Wear			
Thickness (mm)	R (m)	θ (°)	Z (m)
269	2.186	-146.5	0
232	2.235	71.7	0
226	2.131	-152.2	0
221	2.158	-91.1	0.037
216	2.225	58.9	0
193	2.11	-90	0.057
156	1.972	-139.8	1.546
156	1.972	-139.9	1.5
146	1.943	-107.1	1.379
140	1.953	131.8	1.123
139	1.968	-133.3	1
129	1.931	119.5	1.357
129	2.204	129.9	0
127	1.92	-107.8	1.5
125	1.917	139	1.549
124	1.946	134.6	0.932
121	1.918	150.6	1.357
119	1.9	-82.4	1.633
119	1.929	-151.5	1.522
118	1.904	-82.4	1.421
118	1.91	119	1.549
116	1.927	-151.9	1.5
112	1.887	-143.1	2.467
110	1.883	-143.3	2.515
109	1.896	153.3	1.5
108	1.897	141	2.15
104	1.919	88	1.376
100	2.106	-40.5	0
99	1.849	176.1	3.18
96	1.873	-153.6	2.444
96	1.916	120	1
95	1.865	171.5	2.634
95	1.868	-152.5	2.5
95	1.894	90	1.695

Bottom Contour  
Ladle 20.C-28.H-56  
2023-04-19 11:59:34 AM

Ladle 20.C-28.H-01

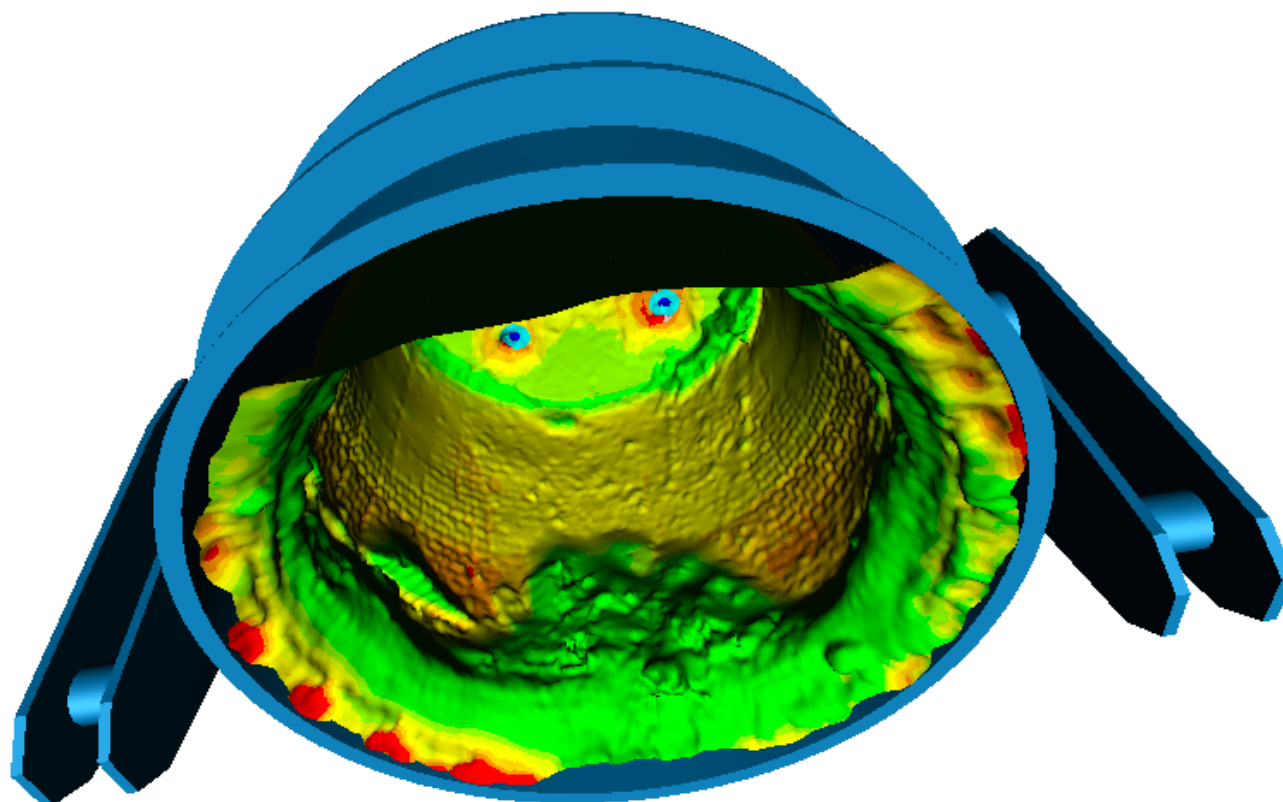


Wear (mm)



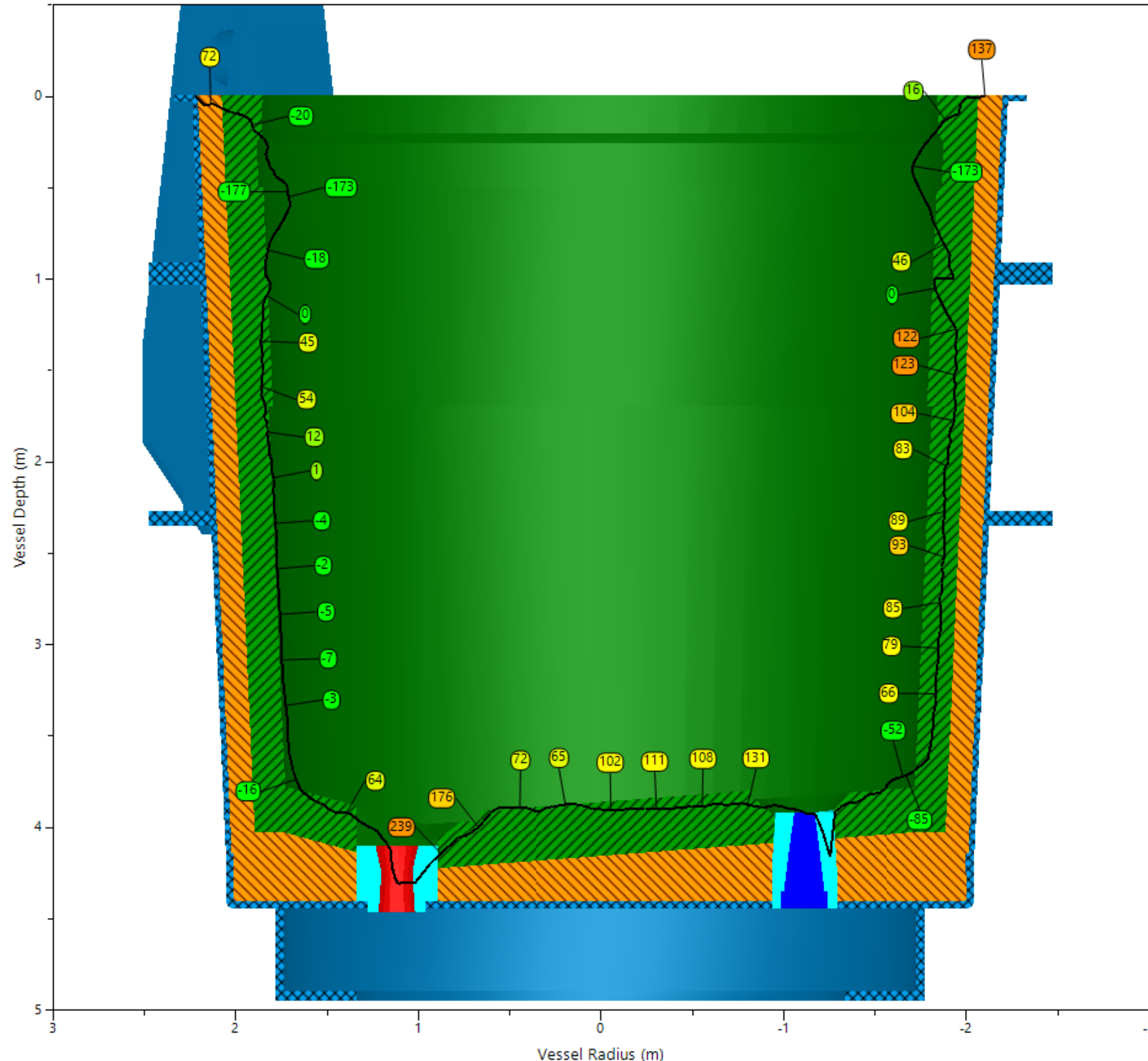
Maximum Wear

Thickness (mm)	R (m)	$\theta$ (°)	Z (m)
341	0.92	38	4.169
308	1.179	142.5	4.014
291	1	53.5	4.126
271	1.25	143.4	3.993
266	1.273	-134	3.938
254	1	144.2	3.97
246	1.246	-131.7	3.921
232	1.011	150	3.969
230	1	150	3.968
229	0.75	45.5	4.047
199	0.918	60	4.041
196	0.904	30	4.021
190	1.01	60	4.047
187	0.993	-127.7	3.887
183	1	30	4.024
167	0.693	143.7	3.949
165	0.716	150	3.946
160	0.971	120	3.955
158	1.008	120	3.955
154	1.256	48.9	4.015
141	1.25	150	3.941
138	0.75	116.6	3.943
137	1.22	-120	3.864
135	1.252	-120	3.866
133	0.75	60.5	3.964
130	1.5	-133	3.826
127	0.43	120.9	3.933
126	0.38	120	3.932
125	1.199	-150	3.879
123	1.573	81.2	3.913
122	0.415	150	3.915
122	0.376	-134.1	3.9
117	0.5	85.3	3.938
116	1.25	-150	3.874

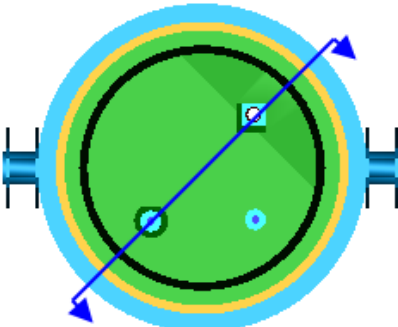


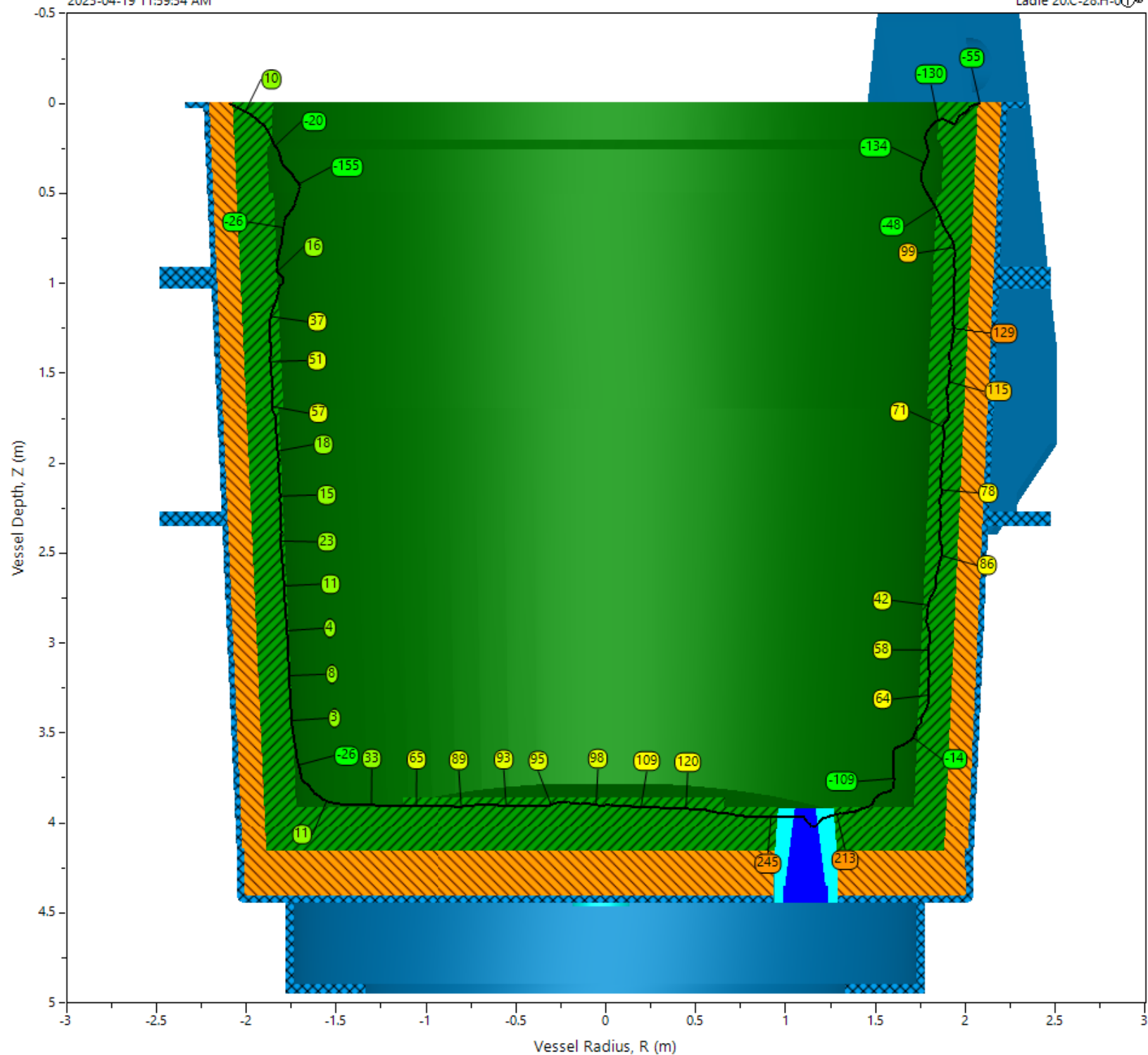
Wear (mm)	
Wall	Bottom
< 0 mm	< 0 mm
0 mm : 30 mm	0 mm : 50 mm
30 mm : 60 mm	50 mm : 100 mm
60 mm : 90 mm	100 mm : 150 mm
90 mm : 120 mm	150 mm : 200 mm
120 mm : 150 mm	200 mm : 250 mm
> 150 mm	> 250 mm
Invalid	

Average Wear			
Thickness (mm)	X (m)	Y (m)	Z (m)
-133	-1.629	0.45	0.828
-121	-1.628	-0.473	0.883
-54	1.698	-0.466	0.902
-46	1.712	0.466	0.908
-12	1.29	1.308	0.815
-3	1.283	-1.29	0.854
4	1.514	-0.407	3.106
9	1.501	0.402	3.105
11	-0.479	1.798	0.85
12	0.479	1.801	0.824
14	-0.478	-1.757	0.863
16	1.113	-1.113	3.107
20	-1.319	1.319	0.848
27	0.475	-1.772	0.833
29	-1.306	-1.313	0.872
30	1.097	1.1	3.111
31	-0.412	1.514	3.137
31	0.404	1.504	3.135
32	0.41	-1.534	3.1
48	-0.415	-1.548	3.106
55	-1.127	1.134	3.109
56	-1.565	-0.416	3.087
61	-1.552	0.413	3.117
77	-1.154	-1.154	3.097

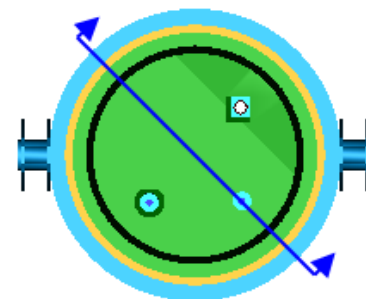


Cross Section Overlays			
— Ladle 20.C-28.H-56			
Wear Thickness @ $\Theta = 45^\circ$			
Thickness (mm)	R (m)	$\theta$ (°)	Z (m)
-177	1.717	45	0.524
-173	1.708	-135	0.379
-173	1.711	45	0.548
-85	1.669	-135	3.716
-52	1.653	-135	3.722
-20	1.911	45	0.157
-18	1.825	45	0.839
-16	1.671	45	3.735
-7	1.747	45	3.083
-5	1.759	45	2.833
-4	1.782	45	2.334
-3	1.728	45	3.332
-2	1.774	45	2.584
0	1.829	-135	1.049
0	1.831	45	1.088
1	1.794	45	2.084
12	1.827	45	1.835
16	1.888	-135	0.13
45	1.863	45	1.338
46	1.878	-135	0.806
54	1.859	45.2	1.587
64	1.393	45	3.918
65	0.196	45.2	3.875
66	1.834	-135	3.267
72	2.138	45	0.042
72	0.445	45	3.892
79	1.848	-135	3.017
83	1.89	-135	2.021
85	1.853	-135	2.768
89	1.879	-135	2.27

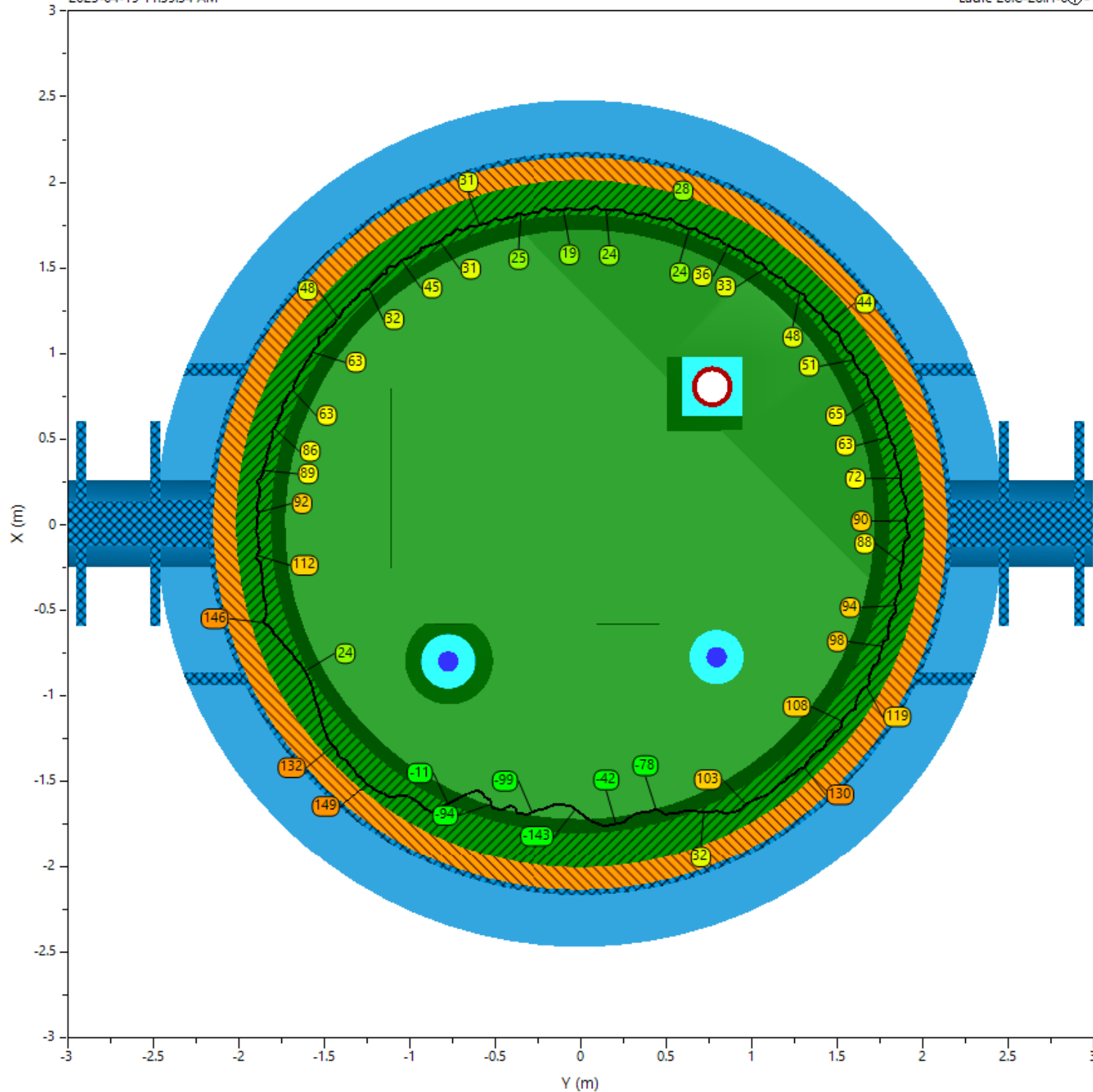


Wear Thickness @  $\Theta = 135^\circ$ 

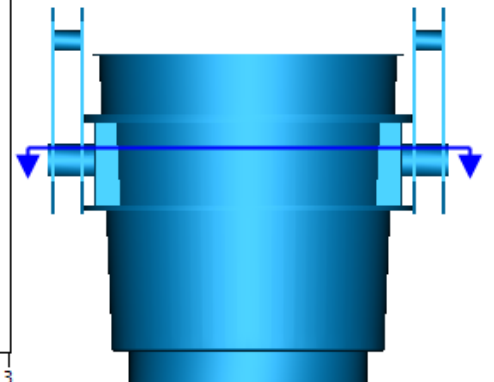
Thickness (mm)	R (m)	$\Theta$ (°)	Z (m)
245	0.918	135	3.968
213	1.285	135	3.952
129	1.937	135	1.25
120	0.445	135	3.921
115	1.911	135	1.547
109	0.195	135	3.912
99	1.936	135	0.799
98	0.055	-45	3.901
95	0.305	-45	3.899
93	0.555	-45	3.905
89	0.804	-45	3.909
86	1.867	135	2.513
78	1.868	135	2.148
71	1.873	135	1.796
65	1.054	-45	3.906
64	1.796	135	3.288
58	1.796	135	3.038
57	1.854	-45	1.683
51	1.866	-45	1.434
42	1.794	135	2.788
37	1.862	-45	1.184
33	1.304	-45	3.901
23	1.809	-45	2.432
18	1.826	-45	1.932
16	1.828	-45	0.935
15	1.811	-45	2.182
11	1.79	-45	2.681
11	1.554	-45	3.879
10	2.006	-45	0.045
8	1.762	-45	3.18
4	1.773	-45	2.93
3	1.748	-45	3.43
-14	1.709	135	3.524
-20	1.842	-45	0.236

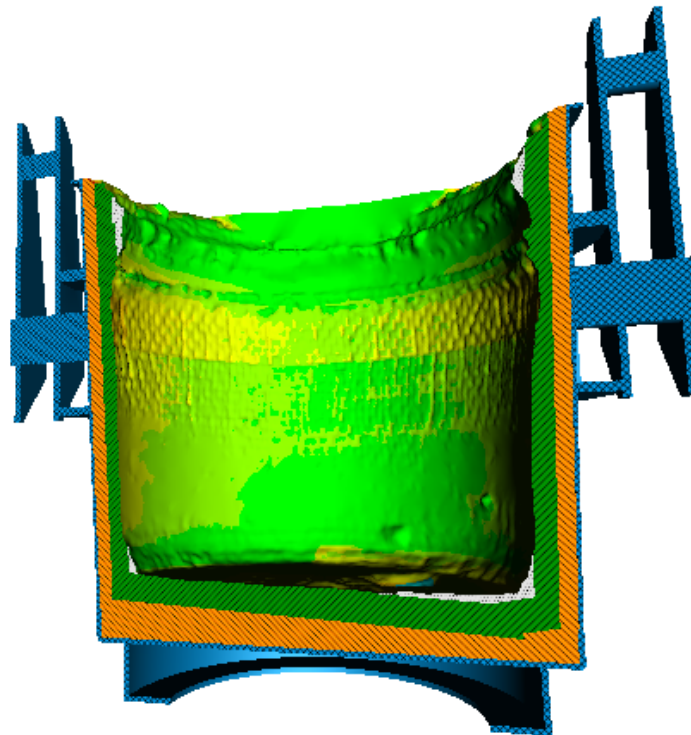






Wear Thickness @ Z = 1.379 m		
Thickness (mm)	X (m)	Y (m)
149	-1.52	-1.25
146	-0.572	-1.856
132	-1.294	-1.449
130	-1.421	1.308
119	-0.947	1.67
112	-0.179	-1.892
108	-1.149	1.529
103	-1.636	0.966
98	-0.71	1.762
94	-0.472	1.838
92	0.072	-1.886
90	0.024	1.903
89	0.318	-1.856
88	-0.231	1.883
86	0.563	-1.793
72	0.271	1.869
65	0.749	1.72
63	1.008	-1.569
63	0.786	-1.684
63	0.514	1.805
51	0.963	1.595
48	1.354	1.28
48	1.207	-1.417
45	1.545	-1.049
44	1.166	1.445
36	1.631	0.863
33	1.499	1.079
32	-1.679	0.718
32	1.38	-1.237
31	1.655	-0.824



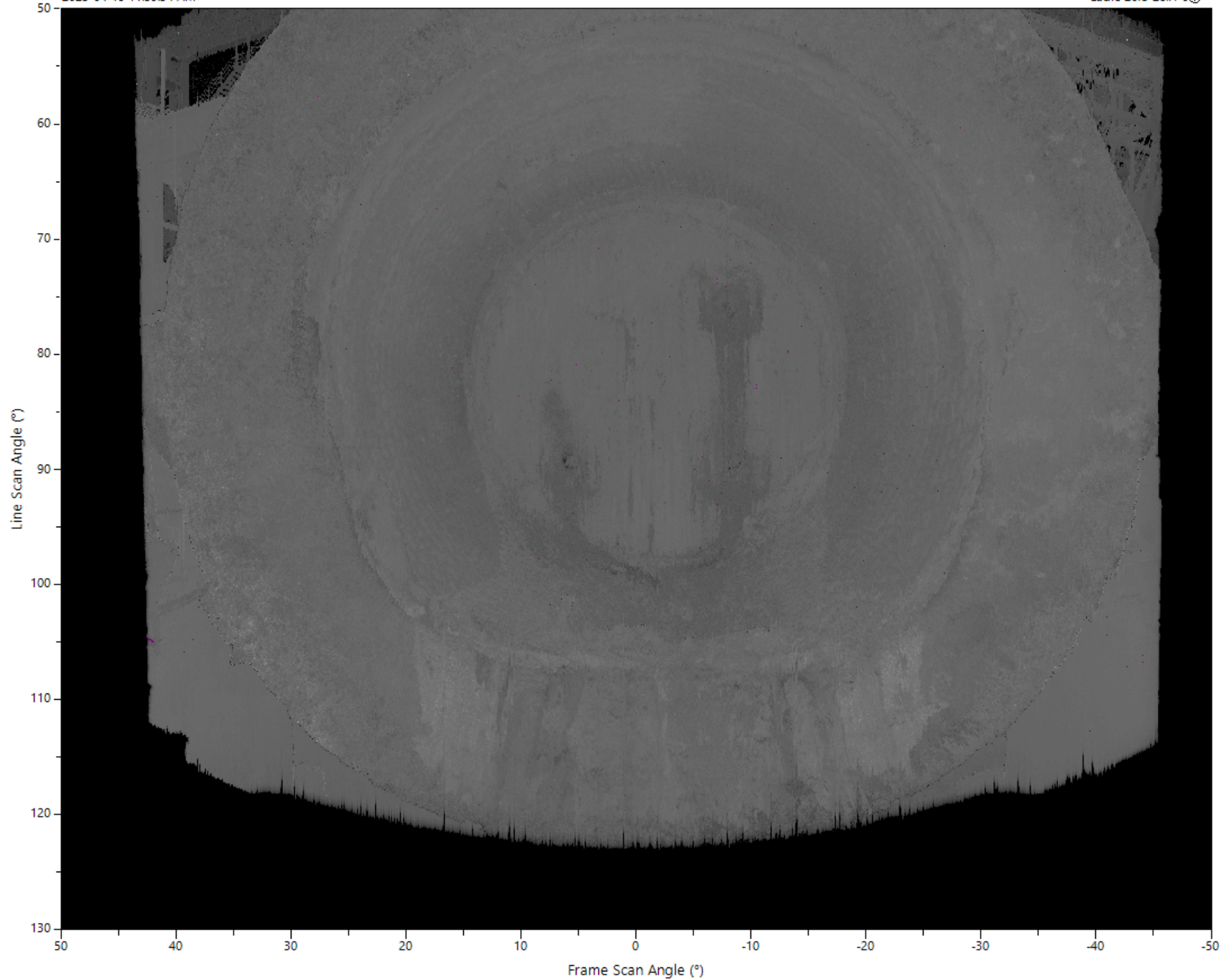


Wear (mm)	
Wall	Bottom
< 0 mm	< 0 mm
0 mm : 30 mm	0 mm : 50 mm
30 mm : 60 mm	50 mm : 100 mm
60 mm : 90 mm	100 mm : 150 mm
90 mm : 120 mm	150 mm : 200 mm
120 mm : 150 mm	200 mm : 250 mm
> 150 mm	> 250 mm
Invalid	

Minimum Wear			
Thickness (mm)	X (m)	Y (m)	Z (m)
-242	1.478	-0.666	0.489
-240	1.328	0.97	0.528
-216	1.629	0.02	0.504
-182	0.811	1.507	0.527
-175	1.123	-1.256	0.484
-165	0.719	-1.52	0.463
-127	1.575	-0.272	3.852
-117	1.351	-0.89	3.83
-114	-0.047	1.766	0.55
-95	1.516	0.568	3.637
-89	0.737	-1.466	3.77
-63	0.895	1.416	3.216
-53	0.319	1.624	3.781
1	0	1.697	3.702

Intensity  
Ladle 20.C-28.H-56  
2023-04-19 11:59:34 AM

Ladle 20.C-28.H-00





Reference Surface Legend	
<div></div>	Ref Fill/Outlier
<div></div>	Ref Mis-Bricked
<div></div>	Ref CAD Mismatch

