
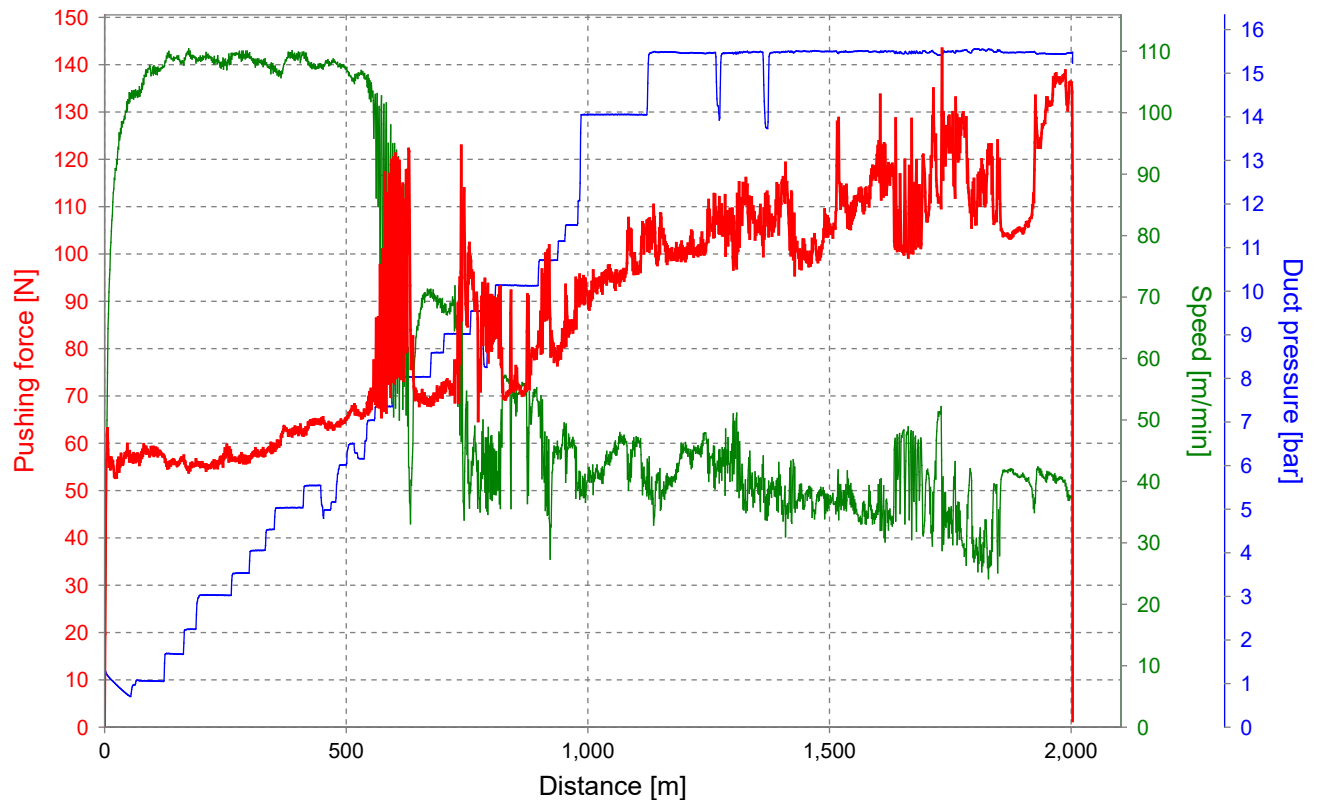


KCEP Kazcentrelectroprovod LLP 1 <A>, Makarenko st. KZ-M22D3A8 Saran, Karaganda region, Kasachstan		<h1>Jetting Report</h1>		
Project-#	Cable Blowing Test - KCEP	Date: 12/16/20		
Trace Section	V03			
Company name	Vetter	Operator: se		
Remarks	Blowing in successful!			
Duct specs		Cable specs		Devices
Manufacturer: Gabocom		Manufacturer: KCEP		Jetting machine: IntelliJet-P02 (SN#138594)
Duct type: 14x2,0 (14/10)		Designation: A-D(ZN)2Y 12x12-G.652.D-1077		+ Slipping clutch [] + Lubricator []
Duct assy: 2*14x2,0 + 2*10x1,0mm in 50x4.6m on 2000 m		Cable Ø: 7.9 mm Fiber amount: 144		Lubricant: CableJetting Lube
Color/marks: 2x Orange		Reel Nb.: N/A		Compressor: MK17
Inner design: Grooved		Metering: Start: 2505 m End: 499 m		+ Oil separator [X] + aftercooler []
Duct temperature: 4 °C		Cable temperature: 20 °C		Cable Tap type: [X]
Summary:		Max pushforce: 356 N (Measured by the crashtest)		
Trace distance: 2003.0 m	Weather: 21.8 °C, 33.6 % humidity.		Jetting temperature: 18.4 °C	
Jetting duration: 00:40:18	Operating mode: Recording only		GPS Location: 47.6319°; 8.5804°; 417 m	

Operation chart



List of highlights (Entire table on the following pages)

Length [m]	Pushing force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
0.0	0.0	0.0	0.0	00:00:00	Start (11:19)
2003.0	1.3	15.2	1.8	00:40:18	Stop (11:59)

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
0.0	0.0	0.0	0.0	00:00:00	Start (11:19)
1.0	19.7	1.3	5.2	00:00:09	
2.0	40.5	1.3	20.9	00:00:12	
3.0	55.2	1.2	27.3	00:00:14	
4.0	56.5	1.2	42.5	00:00:15	
5.0	61.7	1.2	50.0	00:00:16	
6.0	63.1	1.2	57.7	00:00:17	
7.0	58.6	1.2	64.9	00:00:18	
8.0	56.8	1.2	67.3	00:00:19	
9.0	55.1	1.1	70.8	00:00:20	
10.0	55.5	1.1	72.9	00:00:21	
11.0	57.0	1.1	74.5	00:00:21	
12.0	54.5	1.1	77.6	00:00:22	
13.0	54.8	1.1	78.9	00:00:23	
14.0	56.9	1.1	80.7	00:00:24	
15.0	55.3	1.1	82.5	00:00:24	
16.0	56.2	1.1	83.2	00:00:25	
17.0	56.2	1.1	85.5	00:00:26	
18.0	55.1	1.0	86.9	00:00:27	
19.0	54.5	1.0	87.6	00:00:27	
20.0	53.0	1.0	89.3	00:00:28	
21.0	53.6	1.0	89.1	00:00:29	
22.0	52.7	1.0	90.9	00:00:29	
23.0	53.1	1.0	90.8	00:00:30	
24.0	53.4	1.0	90.7	00:00:31	
25.0	52.8	1.0	92.3	00:00:31	
26.0	55.1	1.0	91.6	00:00:32	
27.0	56.4	0.9	93.6	00:00:33	
28.0	56.4	0.9	94.4	00:00:33	
29.0	56.9	0.9	94.1	00:00:34	
30.0	54.0	0.9	96.7	00:00:34	
31.0	55.5	0.9	95.6	00:00:35	
32.0	55.2	0.9	96.2	00:00:36	
33.0	55.7	0.9	97.4	00:00:36	
34.0	57.7	0.9	96.6	00:00:37	
35.0	55.5	0.9	98.5	00:00:38	
36.0	56.6	0.9	97.7	00:00:38	
37.0	55.6	0.8	98.5	00:00:39	
38.0	55.5	0.8	98.6	00:00:39	
39.0	56.2	0.8	98.3	00:00:40	
40.0	56.8	0.8	98.9	00:00:41	
41.0	57.3	0.8	99.4	00:00:41	
42.0	57.9	0.8	99.0	00:00:42	
43.0	57.0	0.8	100.2	00:00:42	
44.0	57.8	0.8	100.1	00:00:43	
45.0	58.1	0.8	100.1	00:00:44	
46.0	57.5	0.8	101.8	00:00:44	
47.0	59.8	0.8	100.3	00:00:45	
48.0	57.5	0.7	102.1	00:00:45	
49.0	58.0	0.7	101.8	00:00:46	
50.0	58.2	0.7	101.5	00:00:47	
51.0	56.2	0.7	103.3	00:00:47	
52.0	58.3	0.7	101.8	00:00:48	
53.0	57.3	0.7	102.5	00:00:48	
54.0	56.4	0.7	103.1	00:00:49	
55.0	57.5	0.8	102.4	00:00:49	
56.0	56.1	0.9	103.5	00:00:50	
57.0	57.3	0.9	102.4	00:00:51	
58.0	56.9	0.9	102.8	00:00:51	
59.0	55.9	1.0	103.5	00:00:52	
60.0	57.9	1.0	102.2	00:00:52	
61.0	56.2	1.0	103.6	00:00:53	
62.0	56.8	1.0	103.1	00:00:54	
63.0	57.6	1.0	102.5	00:00:54	
64.0	56.1	1.0	103.7	00:00:55	
65.0	57.3	1.1	102.8	00:00:55	
66.0	57.0	1.1	102.9	00:00:56	
67.0	56.5	1.1	103.5	00:00:56	
68.0	57.8	1.1	102.5	00:00:57	
69.0	56.3	1.1	103.6	00:00:58	
70.0	56.9	1.1	103.2	00:00:58	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
71.0	57.5	1.1	102.6	00:00:59	
72.0	55.4	1.1	104.2	00:00:59	
73.0	57.5	1.1	102.7	00:01:00	
74.0	56.2	1.1	103.7	00:01:01	
75.0	57.2	1.1	103.5	00:01:01	
76.0	58.0	1.1	103.3	00:01:02	
77.0	56.9	1.1	104.8	00:01:02	
78.0	58.6	1.1	103.9	00:01:03	
79.0	57.4	1.1	104.5	00:01:03	
80.0	58.5	1.1	105.5	00:01:04	
81.0	59.8	1.1	104.7	00:01:05	
82.0	58.7	1.1	106.1	00:01:05	
83.0	59.3	1.1	105.8	00:01:06	
84.0	59.0	1.1	106.0	00:01:06	
85.0	57.9	1.1	106.9	00:01:07	
86.0	59.2	1.1	105.9	00:01:07	
87.0	57.9	1.1	106.9	00:01:08	
88.0	58.2	1.1	106.9	00:01:08	
89.0	58.6	1.1	106.6	00:01:09	
90.0	57.9	1.1	107.2	00:01:10	
91.0	58.1	1.1	107.2	00:01:10	
92.0	57.9	1.1	107.1	00:01:11	
93.0	57.3	1.1	107.6	00:01:11	
94.0	57.5	1.1	107.6	00:01:12	
95.0	58.1	1.1	107.1	00:01:12	
96.0	59.2	1.1	106.0	00:01:13	
97.0	58.8	1.1	106.5	00:01:14	
98.0	59.0	1.1	106.4	00:01:14	
99.0	58.0	1.1	106.9	00:01:15	
100.0	57.6	1.1	107.4	00:01:15	
101.0	59.2	1.1	106.2	00:01:16	
102.0	57.4	1.1	107.6	00:01:16	
103.0	58.4	1.1	106.9	00:01:17	
104.0	58.9	1.1	106.4	00:01:18	
105.0	57.7	1.1	107.4	00:01:18	
106.0	59.0	1.1	106.3	00:01:19	
107.0	57.7	1.1	107.3	00:01:19	
108.0	58.1	1.1	107.0	00:01:20	
109.0	58.8	1.1	106.2	00:01:20	
110.0	57.3	1.1	107.4	00:01:21	
111.0	58.4	1.1	106.8	00:01:21	
112.0	57.7	1.1	107.2	00:01:22	
113.0	57.9	1.1	107.0	00:01:23	
114.0	58.4	1.1	106.8	00:01:23	
115.0	57.7	1.1	107.1	00:01:24	
116.0	58.1	1.1	107.0	00:01:24	
117.0	57.9	1.1	107.3	00:01:25	
118.0	57.8	1.1	107.3	00:01:25	
119.0	57.7	1.1	107.3	00:01:26	
120.0	57.2	1.1	107.6	00:01:27	
121.0	57.4	1.0	107.5	00:01:27	
122.0	57.5	1.1	107.4	00:01:28	
123.0	57.1	1.1	107.5	00:01:28	
124.0	57.1	1.5	107.7	00:01:29	
125.0	56.1	1.7	108.4	00:01:29	
126.0	56.5	1.7	108.2	00:01:30	
127.0	56.0	1.7	108.5	00:01:30	
128.0	55.3	1.7	109.2	00:01:31	
129.0	55.9	1.7	108.9	00:01:31	
130.0	54.7	1.7	109.7	00:01:32	
131.0	55.7	1.7	109.1	00:01:33	
132.0	55.5	1.7	109.4	00:01:33	
133.0	54.8	1.7	110.0	00:01:34	
134.0	56.0	1.7	109.0	00:01:34	
135.0	55.4	1.7	109.4	00:01:35	
136.0	56.0	1.7	109.0	00:01:35	
137.0	55.4	1.7	109.4	00:01:36	
138.0	56.2	1.7	108.8	00:01:36	
139.0	56.4	1.7	108.8	00:01:37	
140.0	56.1	1.7	108.8	00:01:38	
141.0	56.4	1.7	108.8	00:01:38	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
142.0	56.6	1.7	108.5	00:01:39	
143.0	55.7	1.7	109.1	00:01:39	
144.0	56.4	1.7	108.6	00:01:40	
145.0	56.1	1.7	108.9	00:01:40	
146.0	55.9	1.7	108.9	00:01:41	
147.0	55.9	1.7	108.9	00:01:41	
148.0	55.7	1.7	108.9	00:01:42	
149.0	55.5	1.7	109.0	00:01:42	
150.0	55.2	1.7	109.2	00:01:43	
151.0	56.0	1.7	108.7	00:01:44	
152.0	55.8	1.7	108.9	00:01:44	
153.0	55.5	1.7	109.2	00:01:45	
154.0	56.0	1.7	108.6	00:01:45	
155.0	55.8	1.7	108.6	00:01:46	
156.0	56.3	1.7	108.4	00:01:46	
157.0	56.7	1.7	108.1	00:01:47	
158.0	56.3	1.7	108.4	00:01:47	
159.0	57.0	1.7	108.0	00:01:48	
160.0	56.3	1.7	108.3	00:01:49	
161.0	56.3	1.7	108.5	00:01:49	
162.0	56.6	1.7	108.1	00:01:50	
163.0	56.4	1.7	108.4	00:01:50	
164.0	57.4	1.9	107.7	00:01:51	
165.0	55.8	2.2	108.9	00:01:51	
166.0	56.2	2.2	108.6	00:01:52	
167.0	56.0	2.2	108.8	00:01:52	
168.0	55.2	2.2	109.3	00:01:53	
169.0	54.9	2.2	109.6	00:01:54	
170.0	55.0	2.2	109.4	00:01:54	
171.0	54.5	2.2	109.8	00:01:55	
172.0	54.4	2.2	110.0	00:01:55	
173.0	54.8	2.2	109.6	00:01:56	
174.0	53.9	2.2	110.4	00:01:56	
175.0	54.9	2.2	109.5	00:01:57	
176.0	55.0	2.2	109.3	00:01:57	
177.0	54.3	2.2	110.0	00:01:58	
178.0	55.7	2.2	108.9	00:01:58	
179.0	55.7	2.2	109.0	00:01:59	
180.0	55.0	2.2	109.3	00:02:00	
181.0	55.9	2.2	108.7	00:02:00	
182.0	55.2	2.2	109.3	00:02:01	
183.0	55.3	2.2	109.3	00:02:01	
184.0	55.5	2.2	109.0	00:02:02	
185.0	55.2	2.2	109.2	00:02:02	
186.0	55.6	2.2	109.1	00:02:03	
187.0	55.6	2.2	108.9	00:02:03	
188.0	55.3	2.2	109.0	00:02:04	
189.0	56.6	2.3	108.1	00:02:04	
190.0	55.6	2.6	108.9	00:02:05	
191.0	56.0	2.8	108.4	00:02:06	
192.0	56.0	2.9	108.5	00:02:06	
193.0	55.8	3.0	108.7	00:02:07	
194.0	55.9	3.0	108.5	00:02:07	
195.0	55.3	3.0	109.0	00:02:08	
196.0	55.8	3.0	108.6	00:02:08	
197.0	55.6	3.0	108.5	00:02:09	
198.0	55.0	3.0	109.2	00:02:10	
199.0	55.9	3.0	108.4	00:02:10	
200.0	55.4	3.0	108.8	00:02:11	
201.0	55.3	3.0	109.0	00:02:11	
202.0	56.0	3.0	108.6	00:02:12	
203.0	55.1	3.0	109.3	00:02:12	
204.0	55.6	3.0	108.7	00:02:13	
205.0	55.2	3.0	109.0	00:02:13	
206.0	55.1	3.0	109.1	00:02:14	
207.0	55.0	3.0	109.1	00:02:14	
208.0	54.9	3.0	109.2	00:02:15	
209.0	55.5	3.0	108.7	00:02:16	
210.0	54.2	3.0	109.8	00:02:16	
211.0	55.4	3.0	108.9	00:02:17	
212.0	55.1	3.0	109.1	00:02:17	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
213.0	54.8	3.0	109.4	00:02:18	
214.0	54.7	3.0	109.5	00:02:18	
215.0	55.3	3.0	108.9	00:02:19	
216.0	54.9	3.0	108.9	00:02:19	
217.0	54.9	3.0	109.2	00:02:20	
218.0	54.9	3.0	109.1	00:02:21	
219.0	55.0	3.0	109.0	00:02:21	
220.0	54.9	3.0	109.1	00:02:22	
221.0	55.6	3.0	108.6	00:02:22	
222.0	55.2	3.0	109.0	00:02:23	
223.0	55.9	3.0	108.2	00:02:23	
224.0	55.8	3.0	108.4	00:02:24	
225.0	55.3	3.0	108.7	00:02:24	
226.0	56.3	3.0	107.9	00:02:25	
227.0	54.8	3.0	109.2	00:02:25	
228.0	56.3	3.0	108.0	00:02:26	
229.0	55.9	3.0	108.3	00:02:27	
230.0	55.2	3.0	108.6	00:02:27	
231.0	55.7	3.0	108.4	00:02:28	
232.0	55.2	3.0	108.7	00:02:28	
233.0	56.2	3.0	108.0	00:02:29	
234.0	54.8	3.0	109.3	00:02:29	
235.0	55.7	3.0	108.3	00:02:30	
236.0	55.7	3.0	108.5	00:02:30	
237.0	56.0	3.0	108.2	00:02:31	
238.0	56.4	3.0	107.8	00:02:32	
239.0	57.0	3.0	107.4	00:02:32	
240.0	55.8	3.0	108.2	00:02:33	
241.0	57.1	3.0	107.3	00:02:33	
242.0	56.0	3.0	108.2	00:02:34	
243.0	56.6	3.0	107.5	00:02:34	
244.0	56.7	3.0	107.6	00:02:35	
245.0	55.1	3.0	108.9	00:02:35	
246.0	57.6	3.0	107.1	00:02:36	
247.0	56.7	3.0	108.6	00:02:37	
248.0	57.6	3.0	108.5	00:02:37	
249.0	58.9	3.0	107.7	00:02:38	
250.0	57.1	3.0	108.7	00:02:38	
251.0	58.1	3.0	108.1	00:02:39	
252.0	58.0	3.0	108.2	00:02:39	
253.0	59.6	3.0	107.0	00:02:40	
254.0	58.4	3.0	108.0	00:02:40	
255.0	57.5	3.0	108.5	00:02:41	
256.0	58.3	3.0	108.2	00:02:42	
257.0	56.2	3.0	109.5	00:02:42	
258.0	59.1	3.0	107.8	00:02:43	
259.0	57.7	3.0	108.6	00:02:43	
260.0	57.0	3.0	109.1	00:02:44	
261.0	58.5	3.0	107.9	00:02:44	
262.0	56.4	3.0	109.7	00:02:45	
263.0	57.4	3.4	108.7	00:02:45	
264.0	56.9	3.5	109.3	00:02:46	
265.0	56.4	3.5	109.6	00:02:47	
266.0	56.5	3.5	109.6	00:02:47	
267.0	56.5	3.5	109.6	00:02:48	
268.0	56.8	3.5	109.4	00:02:48	
269.0	56.5	3.5	109.6	00:02:49	
270.0	56.9	3.5	109.3	00:02:49	
271.0	56.3	3.5	109.7	00:02:50	
272.0	56.6	3.5	109.5	00:02:50	
273.0	56.4	3.5	109.7	00:02:51	
274.0	56.5	3.5	109.6	00:02:51	
275.0	56.6	3.5	109.6	00:02:52	
276.0	56.5	3.5	109.6	00:02:53	
277.0	56.3	3.5	109.7	00:02:53	
278.0	57.0	3.5	108.9	00:02:54	
279.0	55.9	3.5	110.0	00:02:54	
280.0	57.3	3.5	108.9	00:02:55	
281.0	56.9	3.5	109.2	00:02:55	
282.0	56.6	3.5	109.5	00:02:56	
283.0	57.9	3.5	108.4	00:02:56	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
284.0	56.1	3.5	110.0	00:02:57	
285.0	57.5	3.5	108.6	00:02:58	
286.0	57.1	3.5	109.0	00:02:58	
287.0	55.8	3.5	110.0	00:02:59	
288.0	57.3	3.5	109.0	00:02:59	
289.0	56.3	3.5	109.4	00:03:00	
290.0	56.8	3.5	109.5	00:03:00	
291.0	57.3	3.5	108.8	00:03:01	
292.0	55.8	3.5	110.0	00:03:01	
293.0	57.2	3.5	109.0	00:03:02	
294.0	56.7	3.5	109.2	00:03:03	
295.0	55.9	3.5	110.0	00:03:03	
296.0	57.0	3.5	109.0	00:03:04	
297.0	56.4	3.5	109.5	00:03:04	
298.0	56.7	3.5	109.3	00:03:05	
299.0	57.2	3.5	109.0	00:03:05	
300.0	56.0	3.8	109.8	00:03:06	
301.0	57.3	4.0	108.9	00:03:06	
302.0	56.8	4.0	109.0	00:03:07	
303.0	57.0	4.0	109.1	00:03:07	
304.0	57.6	4.0	108.6	00:03:08	
305.0	57.1	4.1	108.8	00:03:09	
306.0	57.8	4.1	108.5	00:03:09	
307.0	58.1	4.0	108.2	00:03:10	
308.0	57.5	4.1	108.8	00:03:10	
309.0	58.2	4.1	108.0	00:03:11	
310.0	58.1	4.1	108.0	00:03:11	
311.0	57.6	4.1	108.7	00:03:12	
312.0	58.9	4.1	107.4	00:03:12	
313.0	57.5	4.1	108.6	00:03:13	
314.0	58.3	4.1	108.0	00:03:14	
315.0	58.5	4.0	107.8	00:03:14	
316.0	57.3	4.1	108.8	00:03:15	
317.0	58.4	4.1	107.8	00:03:15	
318.0	57.8	4.1	108.3	00:03:16	
319.0	57.3	4.1	108.7	00:03:16	
320.0	58.1	4.1	108.2	00:03:17	
321.0	57.6	4.1	108.4	00:03:17	
322.0	57.9	4.1	108.3	00:03:18	
323.0	58.0	4.1	108.1	00:03:19	
324.0	57.8	4.1	108.5	00:03:19	
325.0	58.5	4.1	107.9	00:03:20	
326.0	57.4	4.1	108.4	00:03:20	
327.0	58.1	4.1	108.2	00:03:21	
328.0	58.9	4.1	107.5	00:03:21	
329.0	57.3	4.1	108.7	00:03:22	
330.0	58.4	4.1	107.8	00:03:22	
331.0	58.3	4.1	107.9	00:03:23	
332.0	57.4	4.1	108.8	00:03:23	
333.0	58.2	4.2	107.9	00:03:24	
334.0	58.4	4.5	107.8	00:03:25	
335.0	58.2	4.5	108.1	00:03:25	
336.0	58.3	4.5	107.8	00:03:26	
337.0	58.7	4.5	107.4	00:03:26	
338.0	58.6	4.5	107.6	00:03:27	
339.0	59.0	4.5	107.4	00:03:27	
340.0	58.8	4.5	107.5	00:03:28	
341.0	59.1	4.5	107.2	00:03:29	
342.0	59.0	4.5	107.3	00:03:29	
343.0	58.3	4.5	107.9	00:03:30	
344.0	60.1	4.5	106.4	00:03:30	
345.0	58.0	4.5	108.1	00:03:31	
346.0	59.0	4.5	107.3	00:03:31	
347.0	59.3	4.5	107.1	00:03:32	
348.0	58.1	4.5	108.0	00:03:32	
349.0	59.9	4.5	106.5	00:03:33	
350.0	58.6	4.5	107.6	00:03:34	
351.0	58.5	4.5	107.5	00:03:34	
352.0	59.7	4.8	106.7	00:03:35	
353.0	58.5	5.0	107.6	00:03:35	
354.0	59.5	5.0	106.8	00:03:36	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
355.0	59.8	5.0	106.6	00:03:36	
356.0	59.0	5.0	107.1	00:03:37	
357.0	60.5	5.0	106.2	00:03:37	
358.0	59.7	5.0	106.6	00:03:38	
359.0	59.7	5.0	106.7	00:03:39	
360.0	60.4	5.0	105.9	00:03:39	
361.0	59.3	5.0	106.9	00:03:40	
362.0	60.4	5.0	106.1	00:03:40	
363.0	60.1	5.0	106.2	00:03:41	
364.0	59.7	5.0	106.7	00:03:41	
365.0	61.5	5.0	105.7	00:03:42	
366.0	61.9	5.0	106.2	00:03:43	
367.0	61.4	5.0	106.8	00:03:43	
368.0	62.3	5.0	106.4	00:03:44	
369.0	62.3	5.0	107.1	00:03:44	
370.0	62.9	5.0	107.5	00:03:45	
371.0	63.6	5.0	107.9	00:03:45	
372.0	63.5	5.0	107.9	00:03:46	
373.0	63.2	5.0	108.1	00:03:46	
374.0	62.8	5.0	108.6	00:03:47	
375.0	63.1	5.0	108.5	00:03:48	
376.0	63.1	5.0	108.5	00:03:48	
377.0	62.7	5.0	108.9	00:03:49	
378.0	62.7	5.0	108.9	00:03:49	
379.0	62.6	5.0	109.0	00:03:50	
380.0	61.6	5.0	109.8	00:03:50	
381.0	62.6	5.0	109.1	00:03:51	
382.0	61.6	5.0	109.7	00:03:51	
383.0	61.9	5.0	109.8	00:03:52	
384.0	62.8	5.0	108.9	00:03:53	
385.0	61.8	5.0	109.7	00:03:53	
386.0	62.2	5.0	109.5	00:03:54	
387.0	62.7	5.0	109.0	00:03:54	
388.0	61.5	5.0	110.1	00:03:55	
389.0	63.0	5.0	108.9	00:03:55	
390.0	62.0	5.0	109.5	00:03:56	
391.0	62.5	5.0	109.3	00:03:56	
392.0	63.2	5.0	108.6	00:03:57	
393.0	62.0	5.0	109.7	00:03:58	
394.0	63.5	5.0	108.5	00:03:58	
395.0	62.4	5.0	109.2	00:03:59	
396.0	62.4	5.0	109.4	00:03:59	
397.0	63.2	5.0	108.8	00:04:00	
398.0	62.2	5.0	109.6	00:04:00	
399.0	62.5	5.0	109.4	00:04:01	
400.0	63.3	5.0	108.6	00:04:01	
401.0	61.8	5.0	109.9	00:04:02	
402.0	63.0	5.0	109.0	00:04:02	
403.0	62.4	5.0	109.2	00:04:03	
404.0	62.2	5.0	109.7	00:04:04	
405.0	63.9	5.0	108.2	00:04:04	
406.0	63.3	5.0	108.7	00:04:05	
407.0	62.8	5.0	109.1	00:04:05	
408.0	62.1	5.0	109.3	00:04:06	
409.0	61.7	5.0	109.8	00:04:06	
410.0	62.3	5.0	109.4	00:04:07	
411.0	62.0	5.1	109.5	00:04:07	
412.0	61.7	5.4	109.9	00:04:08	
413.0	62.9	5.5	108.9	00:04:08	
414.0	62.3	5.5	109.2	00:04:09	
415.0	62.2	5.5	109.7	00:04:10	
416.0	63.3	5.5	108.6	00:04:10	
417.0	61.9	5.5	109.7	00:04:11	
418.0	63.3	5.5	108.4	00:04:11	
419.0	62.9	5.5	109.0	00:04:12	
420.0	63.1	5.5	108.7	00:04:12	
421.0	64.3	5.5	107.8	00:04:13	
422.0	63.4	5.5	108.3	00:04:13	
423.0	64.5	5.5	107.8	00:04:14	
424.0	64.5	5.5	107.7	00:04:15	
425.0	64.0	5.5	108.1	00:04:15	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
426.0	64.8	5.5	107.4	00:04:16	
427.0	64.8	5.5	107.4	00:04:16	
428.0	63.9	5.5	108.1	00:04:17	
429.0	64.9	5.5	107.2	00:04:17	
430.0	64.6	5.5	107.5	00:04:18	
431.0	64.0	5.5	107.8	00:04:18	
432.0	64.9	5.5	107.3	00:04:19	
433.0	64.0	5.5	107.9	00:04:20	
434.0	64.5	5.5	107.5	00:04:20	
435.0	65.1	5.5	107.2	00:04:21	
436.0	64.2	5.5	107.8	00:04:21	
437.0	65.0	5.5	107.1	00:04:22	
438.0	64.7	5.5	107.4	00:04:22	
439.0	64.8	5.5	107.2	00:04:23	
440.0	64.8	5.5	107.5	00:04:23	
441.0	64.9	5.5	107.3	00:04:24	
442.0	64.2	5.5	107.9	00:04:25	
443.0	65.0	5.5	107.3	00:04:25	
444.0	64.5	5.5	107.6	00:04:26	
445.0	64.2	5.5	107.9	00:04:26	
446.0	64.7	5.5	107.4	00:04:27	
447.0	64.1	5.5	108.0	00:04:27	
448.0	64.4	5.3	107.7	00:04:28	
449.0	65.3	5.1	107.2	00:04:28	
450.0	64.5	5.1	107.7	00:04:29	
451.0	64.9	5.0	107.5	00:04:30	
452.0	65.5	4.9	107.1	00:04:30	
453.0	64.3	4.8	107.8	00:04:31	
454.0	64.6	5.0	107.6	00:04:31	
455.0	64.2	5.0	107.6	00:04:32	
456.0	64.2	5.0	107.9	00:04:32	
457.0	63.5	5.0	108.3	00:04:33	
458.0	63.3	5.0	108.5	00:04:33	
459.0	64.0	5.0	108.1	00:04:34	
460.0	63.5	5.0	108.3	00:04:35	
461.0	63.8	5.0	108.1	00:04:35	
462.0	62.9	5.0	108.6	00:04:36	
463.0	63.6	5.0	108.2	00:04:36	
464.0	64.5	5.0	107.7	00:04:37	
465.0	63.4	5.0	108.3	00:04:37	
466.0	64.2	5.0	107.8	00:04:38	
467.0	63.8	5.0	108.1	00:04:38	
468.0	64.1	5.0	108.0	00:04:39	
469.0	64.2	5.1	107.9	00:04:40	
470.0	63.3	5.2	108.5	00:04:40	
471.0	63.7	5.2	108.2	00:04:41	
472.0	63.6	5.2	108.2	00:04:41	
473.0	62.9	5.2	108.7	00:04:42	
474.0	63.5	5.2	108.3	00:04:42	
475.0	63.0	5.2	108.6	00:04:43	
476.0	63.6	5.2	108.2	00:04:44	
477.0	63.7	5.2	108.3	00:04:44	
478.0	63.7	5.2	108.1	00:04:45	
479.0	63.9	5.3	108.1	00:04:45	
480.0	63.9	5.6	108.0	00:04:46	
481.0	64.2	5.6	107.9	00:04:46	
482.0	63.6	5.8	108.2	00:04:47	
483.0	64.4	5.8	107.5	00:04:47	
484.0	64.4	5.9	107.5	00:04:48	
485.0	64.1	5.9	107.8	00:04:49	
486.0	64.4	6.0	107.5	00:04:49	
487.0	63.6	6.0	108.0	00:04:50	
488.0	64.4	6.0	107.6	00:04:50	
489.0	65.0	6.0	107.3	00:04:51	
490.0	64.5	6.0	107.5	00:04:51	
491.0	64.1	6.0	107.8	00:04:52	
492.0	64.5	6.0	107.5	00:04:52	
493.0	64.3	6.0	107.6	00:04:53	
494.0	64.4	6.0	107.8	00:04:54	
495.0	64.5	6.0	107.5	00:04:54	
496.0	64.7	6.0	107.4	00:04:55	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
497.0	64.4	6.0	107.6	00:04:55	
498.0	65.2	6.0	107.1	00:04:56	
499.0	65.0	6.0	107.3	00:04:56	
500.0	65.3	6.0	107.1	00:04:57	
501.0	65.1	6.1	107.4	00:04:57	
502.0	65.6	6.3	106.7	00:04:58	
503.0	65.5	6.4	106.7	00:04:59	
504.0	65.5	6.4	106.7	00:04:59	
505.0	66.4	6.5	106.1	00:05:00	
506.0	66.0	6.5	106.5	00:05:00	
507.0	66.4	6.5	106.1	00:05:01	
508.0	66.7	6.5	106.0	00:05:01	
509.0	66.6	6.5	106.0	00:05:02	
510.0	67.0	6.5	105.8	00:05:03	
511.0	67.0	6.5	105.7	00:05:03	
512.0	67.8	6.5	105.2	00:05:04	
513.0	67.1	6.5	105.6	00:05:04	
514.0	67.4	6.5	105.3	00:05:05	
515.0	67.8	6.5	105.1	00:05:05	
516.0	67.1	6.5	105.6	00:05:06	
517.0	68.2	6.4	104.8	00:05:07	
518.0	66.1	6.3	106.2	00:05:07	
519.0	67.7	6.3	105.3	00:05:08	
520.0	67.0	6.3	105.7	00:05:08	
521.0	66.1	6.3	106.3	00:05:09	
522.0	66.6	6.3	106.0	00:05:09	
523.0	66.2	6.3	106.3	00:05:10	
524.0	66.9	6.2	105.6	00:05:10	
525.0	66.0	6.2	106.5	00:05:11	
526.0	66.3	6.2	106.2	00:05:12	
527.0	66.4	6.2	106.1	00:05:12	
528.0	66.0	6.2	106.4	00:05:13	
529.0	66.0	6.2	106.5	00:05:13	
530.0	66.2	6.2	106.3	00:05:14	
531.0	65.3	6.2	106.9	00:05:14	
532.0	66.0	6.2	106.3	00:05:15	
533.0	65.7	6.2	106.5	00:05:16	
534.0	65.4	6.2	106.7	00:05:16	
535.0	66.2	6.2	106.2	00:05:17	
536.0	65.9	6.2	106.4	00:05:17	
537.0	67.1	6.2	105.7	00:05:18	
538.0	65.8	6.3	106.4	00:05:18	
539.0	67.0	6.6	105.5	00:05:19	
540.0	66.9	6.6	105.5	00:05:20	
541.0	66.6	6.6	105.7	00:05:20	
542.0	66.4	6.6	106.0	00:05:21	
543.0	68.4	7.0	104.3	00:05:21	
544.0	68.6	7.0	104.2	00:05:22	
545.0	66.1	7.0	106.2	00:05:22	
546.0	69.8	7.0	103.3	00:05:23	
547.0	66.6	7.0	105.5	00:05:24	
548.0	70.8	7.0	102.3	00:05:24	
549.0	66.9	7.0	105.2	00:05:25	
550.0	68.2	7.0	104.4	00:05:25	
551.0	71.5	7.0	101.8	00:05:26	
552.0	67.3	7.0	104.8	00:05:26	
553.0	69.5	7.0	103.4	00:05:27	
554.0	70.3	7.0	102.6	00:05:28	
555.0	69.0	7.0	103.5	00:05:28	
556.0	71.2	7.0	101.9	00:05:29	
557.0	77.5	7.0	95.9	00:05:29	
558.0	71.5	7.0	99.8	00:05:30	
559.0	70.2	7.1	101.4	00:05:31	
560.0	68.4	7.3	103.0	00:05:31	
561.0	73.7	7.4	98.9	00:05:32	
562.0	86.3	7.4	86.1	00:05:33	
563.0	70.4	7.4	100.4	00:05:33	
564.0	67.8	7.4	103.1	00:05:34	
565.0	77.7	7.4	95.5	00:05:34	
566.0	86.6	7.4	84.7	00:05:35	
567.0	69.8	7.4	98.0	00:05:36	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
568.0	67.6	7.4	101.0	00:05:36	
569.0	76.8	7.4	93.4	00:05:37	
570.0	97.6	7.4	72.8	00:05:38	
571.0	84.7	7.4	84.4	00:05:38	
572.0	67.5	7.4	100.5	00:05:39	
573.0	65.5	7.4	102.7	00:05:40	
574.0	80.2	7.4	89.8	00:05:40	
575.0	100.9	7.4	70.4	00:05:41	
576.0	90.3	7.4	78.9	00:05:42	
577.0	69.9	7.4	98.1	00:05:43	
578.0	66.9	7.4	101.4	00:05:43	
579.0	84.6	7.4	85.6	00:05:44	
580.0	117.2	7.4	53.0	00:05:45	
581.0	84.5	7.4	83.1	00:05:46	
582.0	70.8	7.4	97.0	00:05:46	
583.0	66.5	7.4	101.6	00:05:47	
584.0	86.1	7.4	82.8	00:05:48	
585.0	112.8	7.4	57.9	00:05:49	
586.0	92.5	7.4	76.1	00:05:50	
587.0	72.6	7.4	95.0	00:05:50	
588.0	79.8	7.4	89.1	00:05:51	
589.0	116.9	7.4	57.1	00:05:52	
590.0	100.4	7.4	68.0	00:05:53	
591.0	76.0	7.4	91.6	00:05:54	
592.0	69.8	7.4	98.0	00:05:54	
593.0	89.2	7.4	79.8	00:05:55	
594.0	119.8	7.4	52.6	00:05:56	
595.0	90.8	7.4	77.2	00:05:57	
596.0	73.0	7.4	94.9	00:05:58	
597.0	93.3	7.4	76.7	00:05:58	
598.0	120.3	7.7	50.5	00:06:00	
599.0	85.1	8.0	82.2	00:06:00	
600.0	72.7	8.0	95.0	00:06:01	
601.0	89.6	8.0	79.5	00:06:02	
602.0	121.2	8.0	52.0	00:06:03	
603.0	92.9	8.0	74.9	00:06:04	
604.0	73.8	8.0	93.9	00:06:04	
605.0	86.2	8.0	83.0	00:06:05	
606.0	120.1	8.0	54.4	00:06:07	
607.0	94.0	8.0	73.8	00:06:07	
608.0	74.2	8.0	92.8	00:06:08	
609.0	88.8	8.0	77.7	00:06:09	
610.0	119.7	8.0	50.0	00:06:10	
611.0	90.4	8.0	73.7	00:06:11	
612.0	73.6	8.0	90.7	00:06:12	
613.0	114.0	8.0	56.6	00:06:13	
614.0	105.1	8.0	58.2	00:06:14	
615.0	80.2	8.0	81.1	00:06:14	
616.0	80.0	8.0	82.2	00:06:15	
617.0	114.8	8.0	51.7	00:06:17	
618.0	96.0	8.0	66.0	00:06:17	
619.0	73.2	8.0	88.3	00:06:18	
620.0	111.4	8.0	55.5	00:06:19	
621.0	104.9	8.0	58.8	00:06:20	
622.0	79.2	8.0	82.1	00:06:21	
623.0	88.0	8.0	74.8	00:06:22	
624.0	117.7	8.0	50.8	00:06:23	
625.0	88.1	8.0	73.1	00:06:24	
626.0	79.5	8.0	82.3	00:06:25	
627.0	117.7	8.0	49.1	00:06:26	
628.0	100.2	8.0	61.8	00:06:27	
629.0	122.2	8.0	42.4	00:06:29	
630.0	121.7	8.0	42.2	00:06:30	
631.0	109.0	8.0	36.7	00:06:32	
632.0	93.3	8.0	36.4	00:06:34	
633.0	84.0	8.0	33.1	00:06:35	
634.0	75.7	8.0	40.2	00:06:37	
635.0	78.9	8.0	39.4	00:06:38	
636.0	80.5	8.0	42.1	00:06:40	
637.0	80.7	8.0	43.9	00:06:41	
638.0	82.6	8.0	46.1	00:06:42	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
639.0	73.5	8.0	55.6	00:06:43	
640.0	71.9	8.0	57.5	00:06:44	
641.0	70.1	8.0	59.3	00:06:45	
642.0	69.2	8.0	60.4	00:06:46	
643.0	71.5	8.0	61.0	00:06:47	
644.0	71.0	8.0	63.4	00:06:48	
645.0	71.1	8.0	63.6	00:06:49	
646.0	69.3	8.0	65.0	00:06:50	
647.0	69.3	8.0	65.3	00:06:51	
648.0	70.2	8.0	64.7	00:06:52	
649.0	69.0	8.0	66.2	00:06:53	
650.0	70.2	8.0	65.4	00:06:54	
651.0	67.9	8.0	67.3	00:06:55	
652.0	69.0	8.0	66.6	00:06:56	
653.0	70.1	8.0	67.3	00:06:57	
654.0	70.3	8.0	68.2	00:06:57	
655.0	70.3	8.0	68.0	00:06:58	
656.0	69.0	8.0	69.8	00:06:59	
657.0	71.2	8.0	68.4	00:07:00	
658.0	68.7	8.0	70.3	00:07:01	
659.0	69.8	8.0	69.7	00:07:02	
660.0	69.6	8.0	69.8	00:07:03	
661.0	68.5	8.0	70.6	00:07:03	
662.0	70.5	8.0	69.1	00:07:04	
663.0	68.4	8.0	70.7	00:07:05	
664.0	69.4	8.0	70.1	00:07:06	
665.0	68.8	8.0	70.4	00:07:07	
666.0	69.6	8.0	70.3	00:07:08	
667.0	69.3	8.0	70.3	00:07:09	
668.0	68.1	8.0	71.3	00:07:09	
669.0	69.2	8.0	70.3	00:07:10	
670.0	68.1	8.0	71.1	00:07:11	
671.0	68.6	8.0	70.8	00:07:12	
672.0	68.8	8.0	70.6	00:07:13	
673.0	68.2	8.0	71.2	00:07:14	
674.0	69.7	8.0	70.0	00:07:15	
675.0	67.9	8.3	71.3	00:07:15	
676.0	69.5	8.6	70.1	00:07:16	
677.0	68.7	8.6	70.7	00:07:17	
678.0	69.4	8.6	70.2	00:07:18	
679.0	69.8	8.6	69.8	00:07:19	
680.0	68.2	8.6	71.2	00:07:20	
681.0	70.4	8.6	69.4	00:07:21	
682.0	68.9	8.6	70.4	00:07:21	
683.0	70.1	8.6	69.7	00:07:22	
684.0	69.8	8.6	69.8	00:07:23	
685.0	69.5	8.6	70.1	00:07:24	
686.0	70.4	8.6	69.3	00:07:25	
687.0	69.7	8.6	69.9	00:07:26	
688.0	72.0	8.6	68.3	00:07:27	
689.0	69.0	8.6	70.2	00:07:27	
690.0	71.4	8.6	68.8	00:07:28	
691.0	70.0	8.6	69.6	00:07:29	
692.0	70.3	8.6	69.4	00:07:30	
693.0	70.6	8.6	69.2	00:07:31	
694.0	69.8	8.6	69.8	00:07:32	
695.0	71.8	8.6	68.3	00:07:33	
696.0	69.9	8.6	69.6	00:07:34	
697.0	70.7	8.6	69.0	00:07:34	
698.0	72.6	8.6	67.5	00:07:35	
699.0	69.7	8.6	69.8	00:07:36	
700.0	72.5	8.6	67.6	00:07:37	
701.0	71.2	8.6	68.6	00:07:38	
702.0	72.8	8.9	67.5	00:07:39	
703.0	71.7	9.0	68.3	00:07:40	
704.0	70.8	9.0	68.9	00:07:41	
705.0	72.4	9.0	67.6	00:07:41	
706.0	71.1	9.0	68.8	00:07:42	
707.0	73.2	9.0	67.2	00:07:43	
708.0	72.6	9.0	67.4	00:07:44	
709.0	73.5	9.0	67.1	00:07:45	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
710.0	72.3	9.0	67.6	00:07:46	
711.0	72.6	9.0	67.6	00:07:47	
712.0	72.4	9.0	67.7	00:07:48	
713.0	71.7	9.0	68.1	00:07:48	
714.0	73.0	9.0	67.3	00:07:49	
715.0	70.4	9.0	69.0	00:07:50	
716.0	72.4	9.0	67.7	00:07:51	
717.0	71.0	9.0	69.0	00:07:52	
718.0	72.2	9.0	68.7	00:07:53	
719.0	72.3	9.0	68.6	00:07:54	
720.0	70.4	9.0	70.0	00:07:55	
721.0	72.3	9.0	68.7	00:07:55	
722.0	71.2	9.0	69.5	00:07:56	
723.0	71.9	9.0	68.9	00:07:57	
724.0	77.4	9.0	64.5	00:07:58	
725.0	68.7	9.0	71.8	00:07:59	
726.0	75.6	9.0	66.3	00:08:00	
727.0	76.5	9.0	65.0	00:08:01	
728.0	74.9	9.0	67.0	00:08:02	
729.0	77.4	9.0	64.8	00:08:03	
730.0	75.0	9.0	66.6	00:08:04	
731.0	89.5	9.0	52.2	00:08:05	
732.0	78.5	9.0	62.0	00:08:06	
733.0	68.7	9.0	71.8	00:08:07	
734.0	83.6	9.0	59.4	00:08:08	
735.0	95.0	9.0	47.6	00:08:09	
736.0	76.9	9.0	63.4	00:08:10	
737.0	96.1	9.0	59.1	00:08:11	
738.0	122.9	9.0	46.5	00:08:12	
739.0	86.0	9.0	72.5	00:08:13	
740.0	95.0	9.0	62.8	00:08:14	
741.0	106.1	9.0	44.6	00:08:16	
742.0	110.5	9.0	36.8	00:08:18	
743.0	111.1	9.0	36.1	00:08:19	
744.0	113.8	9.0	33.7	00:08:21	
745.0	102.9	9.0	41.6	00:08:22	
746.0	95.5	9.0	45.4	00:08:24	
747.0	89.4	9.0	51.6	00:08:25	
748.0	88.3	9.0	52.4	00:08:26	
749.0	85.2	9.0	54.7	00:08:27	
750.0	94.0	9.0	44.4	00:08:29	
751.0	84.8	9.0	52.9	00:08:30	
752.0	100.0	9.0	39.7	00:08:31	
753.0	93.8	9.0	43.5	00:08:33	
754.0	101.4	9.0	38.1	00:08:34	
755.0	102.3	9.0	35.7	00:08:36	
756.0	98.8	9.0	39.8	00:08:38	
757.0	99.4	9.2	38.2	00:08:39	
758.0	98.6	9.5	39.6	00:08:41	
759.0	95.0	9.5	43.2	00:08:42	
760.0	96.5	9.5	41.0	00:08:44	
761.0	93.8	9.5	43.4	00:08:45	
762.0	92.7	9.5	45.5	00:08:46	
763.0	96.0	9.5	42.7	00:08:48	
764.0	90.4	9.5	46.9	00:08:49	
765.0	89.9	9.5	47.3	00:08:50	
766.0	88.1	9.5	49.0	00:08:51	
767.0	91.4	9.5	44.8	00:08:53	
768.0	88.2	9.5	46.2	00:08:54	
769.0	90.2	9.5	44.4	00:08:55	
770.0	91.8	9.5	41.7	00:08:57	
771.0	89.1	9.5	43.1	00:08:58	
772.0	86.3	9.5	35.6	00:09:00	
773.0	64.7	9.5	43.3	00:09:01	
774.0	74.2	9.5	38.1	00:09:03	
775.0	74.9	9.5	37.1	00:09:05	
776.0	75.4	9.5	37.3	00:09:06	
777.0	77.6	9.5	35.0	00:09:08	
778.0	71.0	9.5	41.3	00:09:10	
779.0	83.8	9.5	38.8	00:09:11	
780.0	90.9	9.5	40.9	00:09:13	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
781.0	83.4	9.5	48.1	00:09:14	
782.0	93.8	9.4	40.5	00:09:15	
783.0	80.8	8.9	50.0	00:09:17	
784.0	93.7	8.6	41.2	00:09:18	
785.0	87.4	8.3	43.3	00:09:20	
786.0	88.8	8.3	44.4	00:09:21	
787.0	94.7	8.3	38.3	00:09:23	
788.0	85.0	8.3	47.1	00:09:24	
789.0	92.4	8.3	35.7	00:09:26	
790.0	79.6	8.3	47.0	00:09:27	
791.0	92.9	8.3	35.2	00:09:29	
792.0	79.3	8.7	47.1	00:09:30	
793.0	93.6	9.2	34.6	00:09:32	
794.0	77.1	9.5	48.8	00:09:33	
795.0	91.2	9.5	38.3	00:09:35	
796.0	83.1	9.5	43.0	00:09:36	
797.0	81.5	9.5	45.9	00:09:37	
798.0	90.2	9.5	37.2	00:09:39	
799.0	79.8	9.5	47.3	00:09:40	
800.0	91.3	9.5	37.1	00:09:42	
801.0	79.6	9.6	47.5	00:09:43	
802.0	91.2	9.6	36.9	00:09:45	
803.0	81.2	9.5	45.9	00:09:46	
804.0	90.2	9.5	38.0	00:09:48	
805.0	81.7	9.5	45.3	00:09:49	
806.0	90.8	9.5	37.9	00:09:51	
807.0	82.2	9.5	45.1	00:09:52	
808.0	89.9	9.8	37.9	00:09:54	
809.0	82.6	10.1	44.8	00:09:55	
810.0	90.5	10.1	37.8	00:09:57	
811.0	82.4	10.1	44.8	00:09:58	
812.0	89.4	10.1	38.5	00:10:00	
813.0	88.1	10.1	41.5	00:10:01	
814.0	83.9	10.1	41.5	00:10:03	
815.0	91.2	10.1	38.6	00:10:05	
816.0	78.1	10.1	48.0	00:10:06	
817.0	92.9	10.1	36.3	00:10:07	
818.0	79.0	10.1	47.6	00:10:09	
819.0	93.1	10.1	35.6	00:10:11	
820.0	76.7	10.1	49.4	00:10:12	
821.0	76.2	10.1	51.7	00:10:13	
822.0	80.0	10.1	45.6	00:10:14	
823.0	70.9	10.1	55.2	00:10:15	
824.0	72.4	10.1	54.6	00:10:16	
825.0	69.8	10.1	56.6	00:10:17	
826.0	69.4	10.1	57.1	00:10:18	
827.0	69.8	10.1	56.9	00:10:20	
828.0	69.3	10.1	57.2	00:10:21	
829.0	69.8	10.1	56.9	00:10:22	
830.0	69.3	10.1	57.2	00:10:23	
831.0	69.7	10.1	57.0	00:10:24	
832.0	70.7	10.1	56.4	00:10:25	
833.0	70.3	10.1	56.5	00:10:26	
834.0	70.1	10.1	56.7	00:10:27	
835.0	70.9	10.1	56.2	00:10:28	
836.0	70.4	10.1	56.6	00:10:29	
837.0	71.1	10.1	56.0	00:10:30	
838.0	70.7	10.1	56.3	00:10:31	
839.0	70.7	10.1	56.3	00:10:32	
840.0	87.4	10.1	41.3	00:10:34	
841.0	92.2	10.1	35.6	00:10:35	
842.0	73.0	10.1	53.1	00:10:36	
843.0	71.8	10.1	54.6	00:10:38	
844.0	71.2	10.1	55.1	00:10:39	
845.0	72.7	10.1	54.1	00:10:40	
846.0	73.1	10.1	53.5	00:10:41	
847.0	71.0	10.1	55.2	00:10:42	
848.0	72.4	10.1	54.3	00:10:43	
849.0	74.2	10.1	52.8	00:10:44	
850.0	72.1	10.1	54.3	00:10:45	
851.0	76.3	10.1	50.7	00:10:47	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
852.0	71.4	10.1	54.7	00:10:48	
853.0	75.8	10.1	51.4	00:10:49	
854.0	72.6	10.1	53.9	00:10:50	
855.0	72.0	10.1	54.3	00:10:51	
856.0	72.3	10.1	54.2	00:10:52	
857.0	72.0	10.1	54.4	00:10:53	
858.0	72.0	10.1	54.4	00:10:54	
859.0	71.4	10.1	54.9	00:10:55	
860.0	70.6	10.1	55.6	00:10:57	
861.0	70.9	10.1	55.4	00:10:58	
862.0	71.1	10.1	55.1	00:10:59	
863.0	71.0	10.1	55.4	00:11:00	
864.0	70.1	10.1	56.1	00:11:01	
865.0	70.5	10.1	55.7	00:11:02	
866.0	70.5	10.1	55.7	00:11:03	
867.0	70.2	10.1	55.9	00:11:04	
868.0	70.8	10.1	55.6	00:11:05	
869.0	70.4	10.1	55.9	00:11:06	
870.0	71.6	10.1	55.0	00:11:07	
871.0	71.8	10.1	54.9	00:11:08	
872.0	72.5	10.1	54.4	00:11:10	
873.0	71.1	10.1	55.4	00:11:11	
874.0	83.6	10.1	44.0	00:11:12	
875.0	91.4	10.1	36.4	00:11:14	
876.0	77.5	10.1	48.8	00:11:15	
877.0	91.0	10.1	37.7	00:11:17	
878.0	77.8	10.1	47.9	00:11:18	
879.0	71.4	10.1	54.6	00:11:19	
880.0	75.6	10.1	51.6	00:11:20	
881.0	78.5	10.1	49.4	00:11:21	
882.0	74.7	10.1	52.1	00:11:22	
883.0	78.7	10.1	49.4	00:11:24	
884.0	79.7	10.1	51.3	00:11:25	
885.0	80.0	10.1	52.6	00:11:26	
886.0	79.3	10.1	53.2	00:11:27	
887.0	78.4	10.1	54.5	00:11:28	
888.0	79.7	10.1	53.7	00:11:29	
889.0	77.8	10.1	55.0	00:11:30	
890.0	79.6	10.1	53.9	00:11:31	
891.0	78.0	10.1	54.9	00:11:33	
892.0	78.4	10.1	54.8	00:11:34	
893.0	78.9	10.1	54.4	00:11:35	
894.0	77.9	10.1	55.2	00:11:36	
895.0	80.4	10.1	53.3	00:11:37	
896.0	80.3	10.1	53.1	00:11:38	
897.0	80.8	10.1	53.0	00:11:39	
898.0	83.5	10.5	50.6	00:11:40	
899.0	80.7	10.7	52.9	00:11:42	
900.0	83.3	10.7	50.8	00:11:43	
901.0	81.6	10.7	52.3	00:11:44	
902.0	87.7	10.7	47.1	00:11:45	
903.0	79.0	10.7	53.9	00:11:46	
904.0	85.7	10.7	49.1	00:11:48	
905.0	96.7	10.7	40.4	00:11:49	
906.0	79.3	10.7	53.2	00:11:50	
907.0	89.6	10.7	45.6	00:11:52	
908.0	90.9	10.7	43.4	00:11:53	
909.0	95.7	10.7	41.1	00:11:55	
910.0	92.5	10.7	39.9	00:11:56	
911.0	86.0	10.7	48.0	00:11:57	
912.0	100.1	10.7	35.3	00:11:59	
913.0	92.3	10.7	42.4	00:12:01	
914.0	100.0	10.7	36.0	00:12:02	
915.0	86.2	10.7	47.3	00:12:04	
916.0	100.6	10.7	34.5	00:12:05	
917.0	89.6	10.7	44.8	00:12:07	
918.0	100.9	10.7	34.6	00:12:09	
919.0	86.5	10.7	46.8	00:12:10	
920.0	101.8	10.7	34.0	00:12:12	
921.0	89.5	10.7	33.0	00:12:13	
922.0	86.3	10.7	27.3	00:12:16	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
923.0	78.4	10.7	32.9	00:12:17	
924.0	81.6	10.7	32.6	00:12:19	
925.0	83.6	10.7	37.9	00:12:21	
926.0	81.8	10.7	41.4	00:12:22	
927.0	81.3	10.7	41.9	00:12:24	
928.0	78.6	10.7	44.7	00:12:25	
929.0	81.0	10.7	42.9	00:12:26	
930.0	77.2	10.7	45.7	00:12:28	
931.0	80.0	10.7	43.9	00:12:29	
932.0	77.6	10.7	45.5	00:12:30	
933.0	78.8	10.7	44.9	00:12:32	
934.0	78.7	10.7	44.8	00:12:33	
935.0	77.7	10.7	45.6	00:12:34	
936.0	79.4	10.7	44.4	00:12:36	
937.0	76.5	10.7	46.5	00:12:37	
938.0	80.5	10.9	43.7	00:12:38	
939.0	77.7	11.1	45.6	00:12:40	
940.0	79.0	11.1	44.8	00:12:41	
941.0	78.6	11.1	45.0	00:12:42	
942.0	78.5	11.1	45.0	00:12:44	
943.0	80.5	11.1	43.7	00:12:45	
944.0	77.9	11.1	45.4	00:12:47	
945.0	81.1	11.1	43.8	00:12:48	
946.0	79.6	11.1	46.0	00:12:49	
947.0	84.1	11.1	45.8	00:12:50	
948.0	82.0	11.1	47.5	00:12:52	
949.0	81.9	11.1	48.4	00:12:53	
950.0	83.2	11.2	47.5	00:12:54	
951.0	80.4	11.1	49.5	00:12:55	
952.0	85.6	11.1	45.3	00:12:57	
953.0	81.8	11.3	48.9	00:12:58	
954.0	93.5	11.5	39.9	00:13:00	
955.0	80.6	11.5	49.3	00:13:01	
956.0	91.0	11.5	41.3	00:13:02	
957.0	86.8	11.5	44.1	00:13:04	
958.0	86.0	11.5	45.5	00:13:05	
959.0	85.7	11.5	45.3	00:13:06	
960.0	82.6	11.5	47.7	00:13:08	
961.0	85.3	11.5	45.9	00:13:09	
962.0	83.3	11.5	47.1	00:13:10	
963.0	85.9	11.5	45.5	00:13:11	
964.0	84.6	11.5	46.2	00:13:13	
965.0	84.6	11.5	46.2	00:13:14	
966.0	85.4	11.5	45.8	00:13:15	
967.0	84.0	11.5	46.7	00:13:17	
968.0	85.9	11.5	45.5	00:13:18	
969.0	83.4	11.5	47.2	00:13:19	
970.0	85.2	11.5	46.0	00:13:21	
971.0	84.2	11.5	46.7	00:13:22	
972.0	85.7	11.5	45.7	00:13:23	
973.0	87.9	11.5	43.9	00:13:24	
974.0	85.2	11.5	45.7	00:13:26	
975.0	94.9	11.5	37.3	00:13:27	
976.0	84.3	11.5	45.6	00:13:29	
977.0	92.4	11.5	39.7	00:13:30	
978.0	92.7	11.5	38.7	00:13:32	
979.0	94.4	11.6	38.5	00:13:33	
980.0	91.4	12.1	39.8	00:13:35	
981.0	93.7	12.1	38.9	00:13:37	
982.0	89.0	12.1	41.6	00:13:38	
983.0	95.6	12.1	37.1	00:13:40	
984.0	89.5	12.5	41.5	00:13:41	
985.0	94.1	13.6	37.7	00:13:43	
986.0	93.8	14.0	38.6	00:13:44	
987.0	92.5	14.0	37.8	00:13:46	
988.0	94.6	14.1	37.7	00:13:48	
989.0	89.8	14.0	40.8	00:13:49	
990.0	91.6	14.1	39.7	00:13:51	
991.0	95.3	14.1	37.4	00:13:52	
992.0	89.4	14.0	40.5	00:13:54	
993.0	94.8	14.1	37.4	00:13:55	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
994.0	89.7	14.1	41.1	00:13:57	
995.0	94.7	14.1	36.6	00:13:58	
996.0	93.6	14.1	37.8	00:14:00	
997.0	92.3	14.0	39.4	00:14:01	
998.0	91.6	14.1	39.8	00:14:03	
999.0	91.4	14.1	40.2	00:14:04	
1000.0	91.2	14.0	40.2	00:14:06	
1001.0	88.6	14.1	42.1	00:14:07	
1002.0	91.8	14.1	40.0	00:14:09	
1003.0	88.3	14.1	42.3	00:14:10	
1004.0	92.1	14.1	39.9	00:14:12	
1005.0	89.1	14.1	41.7	00:14:13	
1006.0	90.8	14.1	40.7	00:14:15	
1007.0	90.3	14.1	40.9	00:14:16	
1008.0	94.1	14.1	39.9	00:14:18	
1009.0	93.3	14.1	40.6	00:14:19	
1010.0	90.7	14.1	42.7	00:14:21	
1011.0	96.5	14.1	37.9	00:14:22	
1012.0	93.0	14.1	41.4	00:14:24	
1013.0	94.7	14.1	40.0	00:14:25	
1014.0	92.9	14.0	41.0	00:14:27	
1015.0	94.7	14.1	40.5	00:14:28	
1016.0	92.2	14.1	41.8	00:14:30	
1017.0	92.1	14.1	42.1	00:14:31	
1018.0	92.9	14.1	41.6	00:14:32	
1019.0	91.8	14.1	42.7	00:14:34	
1020.0	94.7	14.1	40.6	00:14:35	
1021.0	92.9	14.1	41.7	00:14:37	
1022.0	94.8	14.1	40.5	00:14:38	
1023.0	93.3	14.1	41.3	00:14:40	
1024.0	95.0	14.1	40.4	00:14:41	
1025.0	93.9	14.1	40.9	00:14:43	
1026.0	93.5	14.1	41.3	00:14:44	
1027.0	94.8	14.1	40.3	00:14:46	
1028.0	92.3	14.1	42.1	00:14:47	
1029.0	95.8	14.1	39.7	00:14:48	
1030.0	91.7	14.1	42.3	00:14:50	
1031.0	95.9	14.1	39.7	00:14:51	
1032.0	93.9	14.1	41.9	00:14:53	
1033.0	96.0	14.1	41.0	00:14:54	
1034.0	96.0	14.1	42.3	00:14:56	
1035.0	95.8	14.1	43.2	00:14:57	
1036.0	96.3	14.1	42.7	00:14:58	
1037.0	94.3	14.1	44.3	00:15:00	
1038.0	96.5	14.1	42.9	00:15:01	
1039.0	93.6	14.1	44.9	00:15:03	
1040.0	96.2	14.1	43.3	00:15:04	
1041.0	95.3	14.1	43.9	00:15:05	
1042.0	97.5	14.1	42.8	00:15:07	
1043.0	94.9	14.1	44.3	00:15:08	
1044.0	96.3	14.1	43.4	00:15:10	
1045.0	97.6	14.1	42.7	00:15:11	
1046.0	94.3	14.1	44.8	00:15:12	
1047.0	96.7	14.1	43.2	00:15:14	
1048.0	94.6	14.1	44.6	00:15:15	
1049.0	96.0	14.1	43.7	00:15:16	
1050.0	94.3	14.1	44.7	00:15:18	
1051.0	94.7	14.1	44.7	00:15:19	
1052.0	94.5	14.1	44.9	00:15:20	
1053.0	94.4	14.1	45.3	00:15:22	
1054.0	95.4	14.1	44.8	00:15:23	
1055.0	93.0	14.1	46.3	00:15:24	
1056.0	95.9	14.1	44.5	00:15:26	
1057.0	92.5	14.1	46.6	00:15:27	
1058.0	96.5	14.1	44.2	00:15:28	
1059.0	93.9	14.1	45.8	00:15:30	
1060.0	96.4	14.1	44.3	00:15:31	
1061.0	94.2	14.1	45.5	00:15:32	
1062.0	94.5	14.1	45.5	00:15:34	
1063.0	95.2	14.1	45.3	00:15:35	
1064.0	94.3	14.1	47.3	00:15:36	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1065.0	95.7	14.1	46.3	00:15:38	
1066.0	93.4	14.1	48.0	00:15:39	
1067.0	96.2	14.1	46.4	00:15:40	
1068.0	94.3	14.1	47.6	00:15:41	
1069.0	96.4	14.1	46.4	00:15:43	
1070.0	95.0	14.1	47.2	00:15:44	
1071.0	95.7	14.1	46.7	00:15:45	
1072.0	96.4	14.1	46.2	00:15:46	
1073.0	94.8	14.1	47.3	00:15:48	
1074.0	96.8	14.1	46.0	00:15:49	
1075.0	94.4	14.1	47.5	00:15:50	
1076.0	96.6	14.1	46.1	00:15:52	
1077.0	95.2	14.1	46.9	00:15:53	
1078.0	96.2	14.1	46.4	00:15:54	
1079.0	96.0	14.1	46.3	00:15:55	
1080.0	96.7	14.1	46.5	00:15:57	
1081.0	98.1	14.1	45.8	00:15:58	
1082.0	104.8	14.1	40.4	00:16:00	
1083.0	100.9	14.1	44.4	00:16:01	
1084.0	107.6	14.1	38.6	00:16:03	
1085.0	104.2	14.1	41.4	00:16:04	
1086.0	104.7	14.1	40.2	00:16:06	
1087.0	102.4	14.1	42.9	00:16:07	
1088.0	105.3	14.1	40.0	00:16:08	
1089.0	99.8	14.0	45.1	00:16:10	
1090.0	105.0	14.1	40.7	00:16:11	
1091.0	99.5	14.1	44.9	00:16:13	
1092.0	100.1	14.1	44.0	00:16:14	
1093.0	96.6	14.1	46.5	00:16:15	
1094.0	98.9	14.1	45.2	00:16:17	
1095.0	95.8	14.1	47.1	00:16:18	
1096.0	97.9	14.1	45.9	00:16:19	
1097.0	100.1	14.1	44.1	00:16:20	
1098.0	97.4	14.1	46.3	00:16:22	
1099.0	97.7	14.1	45.7	00:16:23	
1100.0	95.8	14.0	47.3	00:16:24	
1101.0	98.1	14.1	45.7	00:16:26	
1102.0	95.9	14.0	47.1	00:16:27	
1103.0	97.4	14.0	46.3	00:16:28	
1104.0	95.9	14.1	47.0	00:16:30	
1105.0	97.3	14.1	46.4	00:16:31	
1106.0	97.0	14.1	46.4	00:16:32	
1107.0	97.0	14.1	46.5	00:16:33	
1108.0	98.3	14.1	45.6	00:16:35	
1109.0	96.2	14.1	46.9	00:16:36	
1110.0	100.2	14.1	44.3	00:16:37	
1111.0	103.6	14.1	40.6	00:16:39	
1112.0	101.5	14.0	43.0	00:16:40	
1113.0	106.7	14.1	37.8	00:16:42	
1114.0	102.2	14.0	42.0	00:16:43	
1115.0	106.2	14.1	39.2	00:16:45	
1116.0	100.2	14.0	42.3	00:16:46	
1117.0	105.4	14.1	39.7	00:16:48	
1118.0	104.3	14.0	40.0	00:16:49	
1119.0	104.8	14.0	39.9	00:16:51	
1120.0	105.2	14.0	38.7	00:16:52	
1121.0	104.7	14.0	40.7	00:16:54	
1122.0	107.0	14.1	37.7	00:16:55	
1123.0	100.7	14.2	43.6	00:16:57	
1124.0	107.1	14.8	38.2	00:16:59	
1125.0	101.5	15.2	43.1	00:17:00	
1126.0	107.3	15.4	37.2	00:17:02	
1127.0	100.5	15.4	44.0	00:17:03	
1128.0	107.5	15.5	37.9	00:17:05	
1129.0	105.8	15.5	38.4	00:17:06	
1130.0	106.3	15.5	38.5	00:17:08	
1131.0	106.8	15.5	37.1	00:17:09	
1132.0	101.2	15.5	40.7	00:17:11	
1133.0	104.0	15.5	36.3	00:17:12	
1134.0	102.6	15.5	38.4	00:17:14	
1135.0	104.1	15.5	37.2	00:17:16	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1136.0	110.3	15.5	32.9	00:17:17	
1137.0	107.6	15.5	34.1	00:17:19	
1138.0	107.8	15.5	34.4	00:17:21	
1139.0	104.5	15.5	36.1	00:17:23	
1140.0	99.6	15.5	39.9	00:17:24	
1141.0	101.7	15.5	38.6	00:17:26	
1142.0	98.1	15.5	41.0	00:17:27	
1143.0	100.2	15.5	39.8	00:17:29	
1144.0	97.7	15.5	41.2	00:17:30	
1145.0	99.6	15.5	40.2	00:17:32	
1146.0	98.9	15.5	41.4	00:17:33	
1147.0	99.9	15.5	41.0	00:17:34	
1148.0	105.4	15.5	37.3	00:17:36	
1149.0	100.2	15.5	42.1	00:17:38	
1150.0	108.6	15.5	35.3	00:17:39	
1151.0	108.5	15.5	35.5	00:17:41	
1152.0	107.6	15.5	35.9	00:17:43	
1153.0	103.6	15.5	38.5	00:17:44	
1154.0	104.6	15.5	38.1	00:17:46	
1155.0	103.6	15.5	38.7	00:17:47	
1156.0	105.2	15.5	37.6	00:17:49	
1157.0	102.1	15.5	39.9	00:17:50	
1158.0	103.4	15.5	37.2	00:17:52	
1159.0	103.8	15.5	37.1	00:17:54	
1160.0	100.7	15.5	39.3	00:17:55	
1161.0	102.5	15.5	38.1	00:17:57	
1162.0	98.5	15.5	40.8	00:17:58	
1163.0	102.0	15.5	38.6	00:18:00	
1164.0	97.9	15.5	41.3	00:18:01	
1165.0	101.6	15.5	38.8	00:18:03	
1166.0	98.7	15.5	40.7	00:18:04	
1167.0	100.9	15.5	39.4	00:18:06	
1168.0	99.4	15.5	40.1	00:18:07	
1169.0	99.3	15.5	40.5	00:18:09	
1170.0	100.5	15.5	39.5	00:18:10	
1171.0	99.4	15.5	40.5	00:18:12	
1172.0	101.0	15.5	39.3	00:18:13	
1173.0	98.8	15.5	40.8	00:18:15	
1174.0	101.2	15.5	39.2	00:18:16	
1175.0	98.8	15.5	40.6	00:18:18	
1176.0	100.0	15.5	40.0	00:18:19	
1177.0	98.9	15.5	40.7	00:18:21	
1178.0	99.1	15.5	40.7	00:18:22	
1179.0	99.3	15.5	40.2	00:18:24	
1180.0	98.9	15.5	41.0	00:18:25	
1181.0	101.0	15.5	39.9	00:18:27	
1182.0	99.7	15.5	41.9	00:18:28	
1183.0	102.3	15.5	40.4	00:18:30	
1184.0	98.7	15.5	42.8	00:18:31	
1185.0	101.0	15.5	41.5	00:18:32	
1186.0	98.7	15.5	42.9	00:18:34	
1187.0	101.2	15.5	41.6	00:18:35	
1188.0	99.3	15.5	42.6	00:18:37	
1189.0	101.1	15.5	43.0	00:18:38	
1190.0	101.1	15.5	43.7	00:18:39	
1191.0	101.0	15.5	44.4	00:18:41	
1192.0	101.9	15.5	43.7	00:18:42	
1193.0	98.6	15.5	46.2	00:18:44	
1194.0	102.6	15.5	43.8	00:18:45	
1195.0	99.5	15.5	45.8	00:18:46	
1196.0	101.6	15.5	44.5	00:18:48	
1197.0	98.9	15.5	46.0	00:18:49	
1198.0	101.1	15.5	44.8	00:18:50	
1199.0	99.7	15.5	45.4	00:18:52	
1200.0	100.4	15.5	45.1	00:18:53	
1201.0	99.9	15.5	45.4	00:18:54	
1202.0	98.5	15.5	46.3	00:18:55	
1203.0	101.1	15.5	44.8	00:18:57	
1204.0	99.2	15.5	45.8	00:18:58	
1205.0	101.3	15.5	44.6	00:18:59	
1206.0	100.4	15.5	45.2	00:19:01	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1207.0	102.2	15.5	44.1	00:19:02	
1208.0	100.1	15.5	45.2	00:19:03	
1209.0	100.3	15.5	45.2	00:19:05	
1210.0	101.7	15.5	44.4	00:19:06	
1211.0	101.6	15.5	43.8	00:19:07	
1212.0	103.6	15.5	42.8	00:19:09	
1213.0	100.1	15.5	45.1	00:19:10	
1214.0	104.9	15.5	42.1	00:19:12	
1215.0	100.1	15.5	44.7	00:19:13	
1216.0	104.6	15.5	42.3	00:19:14	
1217.0	100.3	15.5	45.1	00:19:16	
1218.0	102.9	15.5	43.6	00:19:17	
1219.0	99.4	15.5	45.7	00:19:18	
1220.0	100.8	15.5	45.0	00:19:20	
1221.0	100.0	15.5	45.4	00:19:21	
1222.0	100.1	15.5	45.5	00:19:22	
1223.0	101.1	15.5	44.6	00:19:24	
1224.0	100.6	15.5	45.2	00:19:25	
1225.0	101.0	15.5	44.8	00:19:26	
1226.0	99.9	15.5	45.5	00:19:28	
1227.0	101.5	15.5	44.6	00:19:29	
1228.0	99.6	15.5	45.8	00:19:30	
1229.0	101.7	15.5	44.5	00:19:32	
1230.0	100.2	15.5	45.3	00:19:33	
1231.0	101.0	15.5	44.9	00:19:34	
1232.0	101.9	15.5	44.4	00:19:36	
1233.0	99.9	15.5	45.6	00:19:37	
1234.0	103.3	15.5	44.0	00:19:38	
1235.0	102.0	15.5	46.1	00:19:40	
1236.0	104.5	15.5	44.5	00:19:41	
1237.0	101.6	15.5	46.6	00:19:42	
1238.0	102.9	15.5	45.8	00:19:44	
1239.0	100.0	15.5	47.7	00:19:45	
1240.0	102.1	15.5	46.7	00:19:46	
1241.0	100.0	15.5	47.9	00:19:47	
1242.0	100.6	15.5	47.8	00:19:49	
1243.0	100.4	15.5	47.9	00:19:50	
1244.0	100.7	15.5	47.9	00:19:51	
1245.0	102.1	15.5	46.9	00:19:52	
1246.0	102.3	15.5	46.2	00:19:54	
1247.0	103.0	15.5	46.7	00:19:55	
1248.0	109.3	15.5	41.4	00:19:57	
1249.0	102.6	15.5	46.8	00:19:58	
1250.0	111.4	15.5	40.0	00:19:59	
1251.0	103.9	15.5	44.6	00:20:01	
1252.0	109.3	15.5	41.4	00:20:02	
1253.0	105.9	15.5	43.7	00:20:03	
1254.0	105.7	15.5	44.0	00:20:05	
1255.0	105.5	15.5	44.1	00:20:06	
1256.0	106.1	15.5	43.8	00:20:08	
1257.0	105.0	15.5	44.1	00:20:09	
1258.0	105.4	15.5	44.5	00:20:10	
1259.0	107.7	15.5	42.6	00:20:12	
1260.0	103.6	15.5	45.8	00:20:13	
1261.0	112.6	15.5	39.0	00:20:15	
1262.0	103.7	15.5	45.7	00:20:16	
1263.0	112.5	15.5	38.8	00:20:17	
1264.0	106.7	15.5	42.8	00:20:19	
1265.0	109.6	15.4	40.7	00:20:20	
1266.0	108.4	14.8	41.8	00:20:22	
1267.0	107.8	14.4	42.2	00:20:23	
1268.0	106.4	14.3	43.3	00:20:25	
1269.0	108.8	14.3	41.9	00:20:26	
1270.0	108.3	14.2	41.7	00:20:27	
1271.0	104.5	14.1	45.1	00:20:29	
1272.0	112.0	13.9	39.8	00:20:30	
1273.0	104.3	14.0	45.1	00:20:32	
1274.0	109.4	14.7	41.5	00:20:33	
1275.0	105.6	15.2	43.8	00:20:34	
1276.0	106.4	15.4	43.7	00:20:36	
1277.0	110.4	15.4	40.2	00:20:37	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1278.0	104.0	15.4	45.5	00:20:39	
1279.0	107.8	15.4	42.6	00:20:40	
1280.0	106.4	15.5	42.8	00:20:42	
1281.0	103.9	15.5	45.1	00:20:43	
1282.0	107.0	15.5	42.5	00:20:44	
1283.0	104.0	15.5	45.4	00:20:46	
1284.0	112.4	15.5	37.8	00:20:47	
1285.0	99.7	15.5	48.5	00:20:48	
1286.0	108.0	15.5	42.7	00:20:50	
1287.0	105.9	15.5	43.4	00:20:51	
1288.0	105.0	15.5	45.1	00:20:52	
1289.0	109.0	15.5	41.4	00:20:54	
1290.0	101.9	15.5	47.1	00:20:55	
1291.0	106.7	15.5	43.2	00:20:57	
1292.0	106.8	15.5	42.8	00:20:58	
1293.0	107.8	15.5	42.8	00:20:59	
1294.0	109.5	15.5	40.0	00:21:01	
1295.0	104.4	15.5	44.8	00:21:02	
1296.0	106.9	15.5	43.0	00:21:04	
1297.0	105.1	15.5	44.0	00:21:05	
1298.0	102.9	15.5	46.1	00:21:06	
1299.0	109.5	15.5	40.1	00:21:08	
1300.0	99.3	15.5	48.8	00:21:09	
1301.0	96.8	15.4	51.0	00:21:10	
1302.0	107.9	15.5	41.3	00:21:12	
1303.0	106.6	15.5	43.2	00:21:13	
1304.0	97.8	15.5	49.8	00:21:14	
1305.0	103.4	15.4	46.2	00:21:16	
1306.0	104.7	15.5	43.8	00:21:17	
1307.0	97.6	15.5	50.2	00:21:18	
1308.0	97.0	15.4	51.1	00:21:19	
1309.0	112.7	15.5	38.4	00:21:21	
1310.0	100.6	15.5	47.9	00:21:22	
1311.0	100.7	15.5	48.0	00:21:24	
1312.0	108.4	15.5	41.4	00:21:25	
1313.0	115.1	15.5	37.4	00:21:27	
1314.0	101.6	15.5	46.4	00:21:28	
1315.0	108.7	15.5	42.1	00:21:30	
1316.0	111.6	15.5	38.6	00:21:31	
1317.0	111.8	15.5	38.9	00:21:33	
1318.0	111.2	15.5	39.4	00:21:34	
1319.0	106.2	15.5	42.8	00:21:36	
1320.0	109.9	15.5	40.8	00:21:37	
1321.0	115.0	15.5	35.5	00:21:39	
1322.0	110.8	15.5	39.5	00:21:40	
1323.0	114.9	15.5	35.4	00:21:42	
1324.0	113.2	15.5	37.0	00:21:44	
1325.0	113.7	15.5	36.5	00:21:45	
1326.0	110.6	15.5	40.2	00:21:47	
1327.0	116.0	15.5	34.9	00:21:49	
1328.0	113.6	15.5	36.1	00:21:50	
1329.0	114.0	15.5	36.7	00:21:52	
1330.0	114.6	15.5	35.3	00:21:54	
1331.0	108.8	15.5	40.2	00:21:55	
1332.0	106.9	15.5	41.8	00:21:57	
1333.0	104.6	15.5	43.8	00:21:58	
1334.0	112.1	15.5	38.1	00:22:00	
1335.0	103.3	15.5	44.9	00:22:01	
1336.0	109.1	15.5	41.3	00:22:02	
1337.0	111.4	15.5	38.8	00:22:04	
1338.0	109.0	15.5	40.8	00:22:05	
1339.0	112.0	15.5	37.7	00:22:07	
1340.0	107.6	15.5	41.3	00:22:09	
1341.0	107.4	15.5	38.3	00:22:10	
1342.0	110.0	15.5	35.9	00:22:12	
1343.0	106.7	15.5	38.3	00:22:13	
1344.0	106.9	15.5	38.7	00:22:15	
1345.0	108.8	15.5	36.6	00:22:17	
1346.0	103.1	15.5	41.5	00:22:18	
1347.0	106.8	15.5	38.9	00:22:20	
1348.0	104.1	15.5	40.6	00:22:21	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1349.0	107.0	15.5	39.2	00:22:23	
1350.0	106.1	15.5	39.2	00:22:24	
1351.0	106.0	15.5	39.6	00:22:26	
1352.0	106.8	15.5	38.1	00:22:27	
1353.0	104.7	15.5	40.8	00:22:29	
1354.0	107.8	15.5	37.9	00:22:30	
1355.0	105.2	15.5	40.5	00:22:32	
1356.0	108.2	15.5	36.9	00:22:33	
1357.0	110.3	15.5	35.1	00:22:35	
1358.0	104.3	15.5	40.6	00:22:37	
1359.0	105.0	15.5	39.8	00:22:38	
1360.0	105.8	15.5	38.7	00:22:40	
1361.0	102.0	15.5	42.7	00:22:41	
1362.0	104.6	15.5	40.7	00:22:43	
1363.0	99.6	15.3	44.1	00:22:44	
1364.0	109.6	14.7	36.6	00:22:46	
1365.0	103.3	14.4	40.1	00:22:47	
1366.0	104.1	14.1	40.4	00:22:49	
1367.0	112.6	13.9	33.8	00:22:50	
1368.0	107.5	13.8	37.4	00:22:52	
1369.0	112.7	13.8	33.8	00:22:54	
1370.0	107.0	13.7	37.8	00:22:55	
1371.0	113.1	13.7	33.7	00:22:57	
1372.0	106.1	13.7	38.7	00:22:59	
1373.0	112.1	13.9	34.4	00:23:00	
1374.0	103.8	14.9	40.0	00:23:02	
1375.0	110.1	15.4	36.2	00:23:04	
1376.0	106.3	15.4	38.3	00:23:05	
1377.0	105.9	15.5	39.2	00:23:07	
1378.0	107.2	15.5	38.1	00:23:08	
1379.0	105.1	15.5	39.7	00:23:10	
1380.0	108.3	15.5	37.4	00:23:11	
1381.0	103.9	15.5	40.6	00:23:13	
1382.0	106.9	15.5	38.7	00:23:14	
1383.0	106.4	15.5	38.7	00:23:16	
1384.0	104.8	15.5	39.9	00:23:17	
1385.0	105.5	15.5	38.9	00:23:19	
1386.0	107.7	15.5	37.6	00:23:21	
1387.0	105.9	15.5	38.7	00:23:22	
1388.0	107.3	15.5	39.1	00:23:24	
1389.0	111.3	15.5	37.5	00:23:25	
1390.0	108.9	15.5	40.1	00:23:27	
1391.0	114.9	15.5	35.3	00:23:29	
1392.0	108.6	15.5	40.5	00:23:30	
1393.0	109.6	15.5	39.0	00:23:32	
1394.0	114.5	15.5	35.1	00:23:33	
1395.0	104.2	15.5	43.1	00:23:35	
1396.0	110.8	15.5	39.3	00:23:36	
1397.0	111.7	15.5	37.8	00:23:38	
1398.0	108.0	15.5	41.0	00:23:39	
1399.0	111.7	15.5	37.8	00:23:41	
1400.0	110.6	15.5	39.1	00:23:43	
1401.0	115.0	15.5	34.7	00:23:44	
1402.0	115.6	15.5	34.7	00:23:46	
1403.0	112.8	15.5	36.9	00:23:48	
1404.0	116.2	15.5	33.6	00:23:50	
1405.0	114.6	15.5	34.8	00:23:51	
1406.0	113.5	15.5	36.1	00:23:53	
1407.0	111.2	15.5	37.7	00:23:54	
1408.0	110.9	15.5	39.2	00:23:56	
1409.0	119.2	15.5	31.0	00:23:58	
1410.0	112.9	15.5	36.0	00:24:00	
1411.0	114.9	15.5	34.7	00:24:01	
1412.0	115.1	15.5	34.9	00:24:03	
1413.0	112.6	15.5	36.3	00:24:05	
1414.0	111.2	15.5	34.0	00:24:07	
1415.0	108.6	15.5	35.1	00:24:08	
1416.0	106.5	15.5	36.5	00:24:10	
1417.0	104.5	15.5	38.5	00:24:11	
1418.0	101.0	15.5	42.2	00:24:13	
1419.0	111.2	15.5	35.0	00:24:15	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1420.0	99.8	15.5	43.3	00:24:16	
1421.0	113.2	15.5	33.6	00:24:18	
1422.0	112.7	15.5	33.2	00:24:20	
1423.0	105.0	15.5	38.9	00:24:21	
1424.0	102.4	15.5	40.8	00:24:23	
1425.0	98.9	15.5	43.5	00:24:24	
1426.0	100.1	15.5	42.8	00:24:25	
1427.0	108.5	15.5	35.7	00:24:27	
1428.0	95.5	15.5	42.3	00:24:29	
1429.0	103.5	15.5	35.0	00:24:30	
1430.0	101.0	15.5	36.7	00:24:32	
1431.0	100.9	15.5	36.7	00:24:34	
1432.0	101.6	15.5	36.2	00:24:35	
1433.0	102.5	15.5	35.7	00:24:37	
1434.0	100.6	15.5	37.0	00:24:39	
1435.0	100.5	15.5	36.9	00:24:40	
1436.0	99.3	15.5	38.0	00:24:42	
1437.0	100.6	15.5	37.0	00:24:43	
1438.0	97.0	15.5	39.4	00:24:45	
1439.0	100.9	15.5	36.8	00:24:47	
1440.0	97.1	15.5	39.5	00:24:48	
1441.0	100.3	15.5	37.2	00:24:50	
1442.0	96.8	15.5	39.5	00:24:51	
1443.0	99.9	15.5	37.6	00:24:53	
1444.0	99.5	15.5	37.8	00:24:54	
1445.0	103.0	15.5	35.5	00:24:56	
1446.0	99.1	15.5	37.7	00:24:58	
1447.0	103.0	15.5	35.5	00:24:59	
1448.0	101.9	15.5	35.9	00:25:01	
1449.0	101.8	15.5	36.0	00:25:03	
1450.0	98.9	15.5	38.0	00:25:04	
1451.0	99.2	15.5	38.0	00:25:06	
1452.0	98.4	15.5	38.3	00:25:07	
1453.0	98.3	15.5	38.5	00:25:09	
1454.0	100.4	15.5	36.9	00:25:11	
1455.0	98.2	15.5	38.6	00:25:12	
1456.0	99.7	15.5	37.6	00:25:14	
1457.0	97.4	15.5	39.2	00:25:15	
1458.0	99.0	15.5	38.1	00:25:17	
1459.0	97.6	15.5	39.2	00:25:18	
1460.0	100.4	15.5	37.3	00:25:20	
1461.0	97.6	15.5	39.0	00:25:22	
1462.0	100.0	15.5	37.5	00:25:23	
1463.0	98.2	15.5	38.8	00:25:25	
1464.0	103.2	15.5	34.1	00:25:26	
1465.0	100.5	15.5	36.6	00:25:28	
1466.0	102.4	15.5	35.4	00:25:30	
1467.0	102.5	15.5	35.2	00:25:31	
1468.0	102.5	15.5	35.3	00:25:33	
1469.0	104.2	15.5	33.9	00:25:35	
1470.0	102.4	15.5	35.3	00:25:37	
1471.0	102.8	15.5	34.8	00:25:38	
1472.0	101.0	15.5	36.4	00:25:40	
1473.0	99.9	15.5	37.0	00:25:42	
1474.0	98.8	15.5	37.8	00:25:43	
1475.0	99.1	15.5	37.5	00:25:45	
1476.0	98.3	15.5	38.1	00:25:46	
1477.0	100.4	15.5	36.8	00:25:48	
1478.0	99.0	15.5	38.4	00:25:50	
1479.0	101.4	15.5	36.9	00:25:51	
1480.0	98.9	15.5	38.6	00:25:53	
1481.0	100.9	15.5	37.7	00:25:54	
1482.0	99.5	15.5	39.0	00:25:56	
1483.0	100.7	15.5	38.4	00:25:57	
1484.0	101.7	15.5	37.7	00:25:59	
1485.0	101.3	15.5	38.3	00:26:01	
1486.0	102.6	15.5	38.0	00:26:02	
1487.0	102.6	15.5	39.0	00:26:04	
1488.0	105.2	15.5	37.3	00:26:05	
1489.0	103.7	15.5	38.4	00:26:07	
1490.0	109.4	15.5	33.9	00:26:09	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1491.0	104.1	15.5	37.9	00:26:10	
1492.0	108.2	15.5	34.9	00:26:12	
1493.0	104.2	15.5	37.7	00:26:14	
1494.0	107.7	15.5	35.4	00:26:15	
1495.0	103.7	15.5	37.9	00:26:17	
1496.0	107.9	15.5	35.2	00:26:19	
1497.0	103.8	15.5	37.8	00:26:20	
1498.0	107.4	15.5	35.7	00:26:22	
1499.0	105.0	15.5	37.0	00:26:23	
1500.0	105.9	15.5	36.8	00:26:25	
1501.0	106.2	15.5	36.3	00:26:27	
1502.0	104.3	15.5	37.7	00:26:28	
1503.0	105.2	15.5	37.3	00:26:30	
1504.0	105.6	15.5	36.6	00:26:32	
1505.0	105.4	15.5	36.9	00:26:33	
1506.0	105.2	15.5	37.2	00:26:35	
1507.0	103.5	15.5	38.0	00:26:36	
1508.0	105.6	15.5	36.4	00:26:38	
1509.0	106.3	15.5	36.3	00:26:40	
1510.0	106.1	15.5	36.3	00:26:41	
1511.0	105.9	15.5	36.4	00:26:43	
1512.0	105.4	15.5	36.7	00:26:45	
1513.0	108.8	15.5	34.7	00:26:46	
1514.0	109.4	15.5	36.0	00:26:48	
1515.0	118.7	15.5	37.3	00:26:50	
1516.0	127.9	15.5	35.2	00:26:51	
1517.0	121.7	15.5	40.5	00:26:53	
1518.0	119.8	15.5	41.9	00:26:54	
1519.0	128.7	15.5	33.8	00:26:56	
1520.0	115.1	15.5	39.5	00:26:58	
1521.0	115.0	15.5	36.0	00:26:59	
1522.0	113.2	15.5	36.5	00:27:01	
1523.0	109.6	15.5	39.4	00:27:03	
1524.0	114.7	15.5	35.4	00:27:04	
1525.0	110.5	15.5	38.2	00:27:06	
1526.0	112.1	15.5	37.0	00:27:07	
1527.0	113.7	15.5	36.3	00:27:09	
1528.0	112.7	15.5	36.1	00:27:11	
1529.0	110.6	15.5	38.5	00:27:12	
1530.0	114.2	15.5	35.4	00:27:14	
1531.0	110.3	15.5	38.5	00:27:16	
1532.0	114.1	15.5	36.5	00:27:17	
1533.0	113.0	15.5	35.7	00:27:19	
1534.0	108.9	15.5	39.5	00:27:21	
1535.0	114.6	15.5	35.2	00:27:22	
1536.0	111.9	15.5	36.9	00:27:24	
1537.0	105.7	15.5	41.7	00:27:25	
1538.0	110.2	15.5	37.9	00:27:27	
1539.0	105.6	15.5	40.3	00:27:28	
1540.0	108.8	15.5	37.4	00:27:30	
1541.0	105.3	15.5	39.3	00:27:32	
1542.0	106.2	15.5	39.1	00:27:33	
1543.0	109.9	15.5	36.3	00:27:35	
1544.0	105.3	15.5	39.6	00:27:36	
1545.0	110.7	15.5	35.9	00:27:38	
1546.0	106.5	15.5	38.5	00:27:40	
1547.0	110.4	15.5	35.9	00:27:41	
1548.0	107.2	15.5	38.0	00:27:43	
1549.0	111.1	15.5	35.4	00:27:44	
1550.0	107.8	15.5	37.6	00:27:46	
1551.0	112.0	15.5	34.8	00:27:48	
1552.0	108.3	15.5	37.0	00:27:49	
1553.0	112.2	15.5	34.8	00:27:51	
1554.0	109.1	15.5	36.4	00:27:53	
1555.0	111.4	15.5	35.2	00:27:55	
1556.0	110.4	15.5	35.4	00:27:56	
1557.0	112.2	15.5	34.6	00:27:58	
1558.0	111.4	15.5	34.6	00:28:00	
1559.0	112.2	15.5	34.5	00:28:01	
1560.0	112.6	15.5	33.6	00:28:03	
1561.0	113.8	15.5	33.5	00:28:05	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1562.0	111.6	15.5	34.0	00:28:07	
1563.0	113.3	15.5	33.5	00:28:09	
1564.0	111.2	15.5	34.3	00:28:10	
1565.0	114.0	15.5	33.1	00:28:12	
1566.0	111.7	15.5	33.9	00:28:14	
1567.0	113.6	15.5	33.1	00:28:16	
1568.0	110.3	15.5	35.0	00:28:17	
1569.0	109.1	15.5	36.5	00:28:19	
1570.0	110.5	15.5	35.3	00:28:21	
1571.0	108.7	15.5	36.7	00:28:22	
1572.0	112.1	15.5	34.4	00:28:24	
1573.0	109.3	15.5	36.3	00:28:26	
1574.0	113.7	15.5	33.1	00:28:28	
1575.0	111.1	15.5	35.1	00:28:29	
1576.0	114.0	15.5	33.1	00:28:31	
1577.0	110.9	15.5	35.1	00:28:33	
1578.0	112.5	15.5	34.0	00:28:35	
1579.0	111.2	15.5	34.7	00:28:36	
1580.0	112.6	15.5	34.1	00:28:38	
1581.0	112.3	15.5	37.3	00:28:40	
1582.0	110.1	15.5	39.3	00:28:41	
1583.0	114.2	15.5	36.0	00:28:43	
1584.0	111.9	15.5	38.4	00:28:44	
1585.0	116.4	15.5	35.4	00:28:46	
1586.0	114.6	15.5	36.1	00:28:48	
1587.0	117.8	15.5	34.0	00:28:50	
1588.0	115.7	15.5	35.3	00:28:51	
1589.0	118.6	15.5	33.1	00:28:53	
1590.0	116.2	15.5	34.7	00:28:55	
1591.0	117.6	15.5	33.9	00:28:57	
1592.0	116.1	15.5	34.8	00:28:58	
1593.0	118.5	15.5	33.2	00:29:00	
1594.0	116.3	15.5	34.6	00:29:02	
1595.0	117.7	15.5	33.8	00:29:04	
1596.0	115.7	15.5	35.2	00:29:05	
1597.0	118.5	15.5	34.2	00:29:07	
1598.0	120.9	15.5	35.9	00:29:09	
1599.0	120.9	15.5	36.3	00:29:10	
1600.0	122.8	15.5	34.7	00:29:12	
1601.0	116.6	15.5	39.5	00:29:14	
1602.0	123.8	15.5	35.1	00:29:16	
1603.0	119.5	15.5	36.9	00:29:17	
1604.0	115.2	15.5	40.3	00:29:19	
1605.0	133.6	15.5	32.0	00:29:21	
1606.0	115.6	15.5	36.3	00:29:22	
1607.0	111.6	15.5	40.4	00:29:24	
1608.0	122.9	15.5	32.1	00:29:26	
1609.0	118.9	15.5	34.2	00:29:27	
1610.0	118.9	15.5	34.8	00:29:29	
1611.0	116.9	15.5	36.0	00:29:31	
1612.0	112.2	15.5	39.3	00:29:32	
1613.0	123.4	15.5	30.9	00:29:34	
1614.0	118.0	15.5	35.2	00:29:36	
1615.0	123.0	15.5	30.2	00:29:38	
1616.0	118.4	15.5	32.8	00:29:40	
1617.0	112.6	15.5	36.8	00:29:42	
1618.0	112.6	15.5	37.1	00:29:43	
1619.0	114.6	15.5	36.4	00:29:45	
1620.0	118.2	15.5	33.4	00:29:47	
1621.0	115.8	15.5	35.1	00:29:48	
1622.0	119.2	15.5	32.1	00:29:50	
1623.0	115.2	15.5	35.2	00:29:52	
1624.0	117.5	15.5	34.0	00:29:54	
1625.0	114.7	15.5	35.5	00:29:55	
1626.0	117.6	15.5	33.8	00:29:57	
1627.0	116.7	15.5	34.3	00:29:59	
1628.0	118.8	15.5	33.0	00:30:01	
1629.0	117.0	15.5	34.1	00:30:03	
1630.0	119.0	15.5	32.8	00:30:04	
1631.0	116.6	15.5	34.3	00:30:06	
1632.0	118.3	15.5	33.2	00:30:08	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1633.0	114.0	15.5	35.8	00:30:10	
1634.0	102.6	15.5	45.1	00:30:11	
1635.0	101.7	15.5	46.4	00:30:12	
1636.0	101.1	15.5	47.0	00:30:13	
1637.0	128.6	15.5	33.5	00:30:16	
1638.0	109.9	15.5	38.7	00:30:17	
1639.0	102.8	15.5	45.4	00:30:18	
1640.0	100.7	15.5	47.6	00:30:20	
1641.0	109.1	15.5	40.4	00:30:21	
1642.0	109.2	15.5	41.0	00:30:23	
1643.0	107.9	15.5	41.7	00:30:24	
1644.0	101.3	15.5	47.0	00:30:25	
1645.0	100.8	15.5	47.8	00:30:27	
1646.0	116.8	15.5	34.8	00:30:29	
1647.0	108.9	15.5	39.8	00:30:30	
1648.0	101.7	15.5	46.5	00:30:31	
1649.0	101.0	15.5	47.4	00:30:33	
1650.0	101.7	15.5	47.2	00:30:34	
1651.0	100.5	15.5	47.8	00:30:35	
1652.0	100.4	15.5	48.0	00:30:36	
1653.0	100.2	15.4	48.3	00:30:38	
1654.0	99.9	15.4	48.4	00:30:39	
1655.0	109.1	15.5	40.7	00:30:40	
1656.0	119.9	15.5	33.1	00:30:42	
1657.0	111.0	15.5	38.7	00:30:44	
1658.0	105.2	15.5	43.3	00:30:45	
1659.0	100.6	15.5	47.5	00:30:46	
1660.0	100.6	15.5	48.0	00:30:48	
1661.0	101.0	15.5	47.7	00:30:49	
1662.0	100.6	15.4	48.0	00:30:50	
1663.0	99.3	15.4	48.9	00:30:51	
1664.0	108.5	15.5	42.7	00:30:53	
1665.0	118.6	15.5	33.8	00:30:55	
1666.0	110.4	15.5	38.6	00:30:56	
1667.0	103.8	15.5	44.8	00:30:57	
1668.0	100.5	15.5	47.7	00:30:59	
1669.0	100.3	15.5	48.2	00:31:00	
1670.0	128.5	15.5	30.5	00:31:02	
1671.0	110.1	15.5	38.7	00:31:04	
1672.0	102.5	15.5	45.4	00:31:05	
1673.0	100.2	15.5	48.1	00:31:06	
1674.0	114.9	15.5	36.8	00:31:08	
1675.0	113.3	15.5	36.8	00:31:10	
1676.0	104.3	15.5	44.1	00:31:11	
1677.0	101.4	15.5	47.1	00:31:12	
1678.0	101.2	15.5	47.3	00:31:14	
1679.0	114.9	15.5	36.4	00:31:15	
1680.0	119.8	15.5	31.9	00:31:17	
1681.0	108.0	15.5	41.1	00:31:19	
1682.0	103.2	15.5	45.0	00:31:20	
1683.0	102.7	15.5	45.9	00:31:21	
1684.0	101.7	15.5	46.7	00:31:23	
1685.0	108.3	15.5	41.5	00:31:24	
1686.0	114.5	15.5	37.0	00:31:26	
1687.0	110.2	15.5	39.4	00:31:27	
1688.0	103.2	15.5	45.5	00:31:28	
1689.0	101.3	15.5	47.1	00:31:30	
1690.0	102.1	15.5	46.5	00:31:31	
1691.0	108.0	15.5	42.6	00:31:32	
1692.0	112.2	15.5	39.4	00:31:34	
1693.0	120.7	15.5	31.4	00:31:36	
1694.0	120.9	15.5	31.1	00:31:38	
1695.0	119.8	15.5	31.8	00:31:40	
1696.0	118.0	15.5	32.8	00:31:42	
1697.0	117.1	15.5	33.7	00:31:44	
1698.0	113.0	15.5	36.1	00:31:45	
1699.0	109.0	15.5	39.8	00:31:47	
1700.0	108.7	15.5	40.3	00:31:48	
1701.0	107.0	15.5	41.7	00:31:50	
1702.0	108.1	15.5	41.2	00:31:51	
1703.0	107.0	15.5	42.0	00:31:53	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1704.0	108.1	15.5	41.3	00:31:54	
1705.0	108.2	15.5	41.2	00:31:55	
1706.0	109.6	15.5	40.5	00:31:57	
1707.0	112.3	15.5	38.7	00:31:59	
1708.0	116.6	15.5	34.7	00:32:00	
1709.0	111.0	15.5	39.0	00:32:02	
1710.0	120.5	15.5	31.6	00:32:04	
1711.0	118.4	15.5	32.8	00:32:06	
1712.0	120.6	15.5	31.0	00:32:08	
1713.0	129.1	15.5	29.5	00:32:10	
1714.0	125.5	15.5	38.2	00:32:11	
1715.0	135.0	15.5	32.0	00:32:13	
1716.0	126.6	15.5	38.2	00:32:15	
1717.0	123.9	15.5	40.1	00:32:16	
1718.0	124.1	15.5	40.7	00:32:18	
1719.0	119.9	15.5	43.3	00:32:19	
1720.0	125.2	15.5	40.4	00:32:20	
1721.0	115.6	15.4	46.7	00:32:22	
1722.0	114.3	15.4	48.2	00:32:23	
1723.0	112.4	15.4	49.6	00:32:24	
1724.0	112.5	15.4	50.1	00:32:25	
1725.0	110.9	15.4	51.3	00:32:26	
1726.0	111.9	15.4	50.6	00:32:28	
1727.0	111.0	15.4	51.1	00:32:29	
1728.0	111.1	15.4	51.3	00:32:30	
1729.0	111.0	15.4	51.3	00:32:31	
1730.0	111.8	15.4	51.0	00:32:32	
1731.0	109.7	15.4	52.2	00:32:33	
1732.0	129.4	15.4	43.4	00:32:35	
1733.0	143.4	15.5	28.7	00:32:37	
1734.0	119.8	15.5	39.6	00:32:39	
1735.0	115.7	15.5	40.7	00:32:40	
1736.0	129.9	15.5	29.8	00:32:42	
1737.0	125.5	15.5	32.2	00:32:44	
1738.0	118.8	15.5	38.1	00:32:45	
1739.0	125.7	15.5	32.8	00:32:47	
1740.0	118.8	15.5	38.2	00:32:49	
1741.0	127.0	15.5	32.5	00:32:51	
1742.0	122.7	15.5	34.9	00:32:53	
1743.0	126.2	15.5	33.4	00:32:54	
1744.0	124.3	15.5	33.5	00:32:56	
1745.0	123.4	15.5	35.1	00:32:58	
1746.0	128.9	15.5	30.8	00:33:00	
1747.0	121.5	15.5	35.7	00:33:01	
1748.0	129.2	15.5	30.9	00:33:03	
1749.0	122.1	15.5	35.5	00:33:05	
1750.0	126.2	15.5	33.1	00:33:07	
1751.0	122.9	15.5	34.5	00:33:09	
1752.0	121.5	15.5	35.9	00:33:10	
1753.0	126.6	15.5	31.6	00:33:12	
1754.0	124.2	15.5	33.7	00:33:14	
1755.0	129.9	15.5	29.7	00:33:16	
1756.0	120.9	15.5	35.3	00:33:18	
1757.0	114.6	15.5	40.7	00:33:19	
1758.0	118.4	15.5	38.7	00:33:21	
1759.0	114.3	15.5	41.1	00:33:22	
1760.0	111.9	15.5	43.2	00:33:24	
1761.0	133.0	15.5	34.7	00:33:26	
1762.0	127.4	15.5	31.8	00:33:27	
1763.0	120.2	15.5	36.0	00:33:29	
1764.0	129.4	15.5	29.7	00:33:31	
1765.0	126.2	15.5	31.2	00:33:33	
1766.0	119.6	15.5	36.6	00:33:35	
1767.0	125.9	15.5	32.0	00:33:37	
1768.0	120.1	15.5	36.5	00:33:38	
1769.0	128.6	15.5	30.6	00:33:40	
1770.0	121.6	15.5	35.2	00:33:42	
1771.0	127.0	15.5	31.8	00:33:44	
1772.0	125.2	15.5	32.3	00:33:46	
1773.0	128.2	15.5	30.6	00:33:48	
1774.0	127.8	15.5	30.3	00:33:50	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1775.0	129.4	15.5	29.6	00:33:52	
1776.0	129.1	15.5	29.5	00:33:54	
1777.0	129.9	15.5	29.2	00:33:56	
1778.0	126.5	15.5	29.8	00:33:58	
1779.0	127.4	15.5	27.8	00:34:00	
1780.0	124.9	15.5	29.0	00:34:02	
1781.0	126.4	15.5	28.7	00:34:04	
1782.0	125.2	15.5	29.0	00:34:06	
1783.0	128.9	15.5	26.4	00:34:08	
1784.0	121.5	15.5	31.1	00:34:10	
1785.0	115.2	15.5	36.2	00:34:12	
1786.0	119.9	15.5	34.0	00:34:14	
1787.0	113.9	15.5	37.6	00:34:15	
1788.0	113.1	15.5	38.5	00:34:17	
1789.0	111.8	15.5	39.4	00:34:18	
1790.0	110.4	15.5	41.0	00:34:20	
1791.0	108.9	15.5	42.1	00:34:21	
1792.0	109.8	15.5	41.5	00:34:23	
1793.0	109.0	15.5	41.3	00:34:24	
1794.0	105.6	15.5	40.1	00:34:26	
1795.0	113.4	15.5	29.9	00:34:28	
1796.0	108.1	15.5	32.7	00:34:30	
1797.0	115.0	15.5	27.6	00:34:32	
1798.0	110.3	15.5	30.4	00:34:34	
1799.0	115.8	15.5	26.9	00:34:36	
1800.0	108.9	15.6	28.7	00:34:38	
1801.0	109.2	15.6	27.5	00:34:40	
1802.0	106.3	15.6	29.6	00:34:42	
1803.0	107.2	15.6	29.4	00:34:44	
1804.0	106.3	15.6	30.7	00:34:46	
1805.0	110.9	15.5	28.1	00:34:49	
1806.0	110.1	15.6	29.2	00:34:51	
1807.0	116.6	15.6	25.3	00:34:53	
1808.0	113.9	15.6	28.5	00:34:55	
1809.0	117.1	15.6	26.7	00:34:57	
1810.0	111.9	15.5	30.8	00:34:59	
1811.0	111.7	15.5	31.2	00:35:01	
1812.0	110.2	15.5	32.4	00:35:03	
1813.0	117.8	15.5	27.2	00:35:05	
1814.0	113.6	15.5	29.6	00:35:07	
1815.0	120.0	15.5	25.3	00:35:10	
1816.0	115.9	15.5	28.0	00:35:12	
1817.0	118.7	15.6	26.3	00:35:14	
1818.0	113.1	15.5	30.0	00:35:16	
1819.0	117.6	15.5	26.8	00:35:18	
1820.0	110.6	15.5	32.0	00:35:20	
1821.0	116.6	15.5	29.3	00:35:22	
1822.0	110.1	15.5	33.7	00:35:24	
1823.0	112.9	15.5	32.3	00:35:26	
1824.0	110.9	15.5	33.7	00:35:28	
1825.0	115.4	15.5	31.1	00:35:30	
1826.0	117.0	15.5	29.2	00:35:32	
1827.0	121.8	15.5	26.0	00:35:34	
1828.0	119.9	15.5	26.5	00:35:36	
1829.0	123.1	15.6	24.2	00:35:39	
1830.0	119.0	15.6	27.8	00:35:41	
1831.0	122.4	15.5	26.1	00:35:43	
1832.0	119.4	15.5	28.7	00:35:45	
1833.0	123.1	15.5	26.3	00:35:48	
1834.0	120.7	15.5	28.5	00:35:50	
1835.0	123.1	15.5	26.4	00:35:52	
1836.0	112.8	15.5	33.8	00:35:54	
1837.0	120.3	15.5	28.7	00:35:56	
1838.0	111.5	15.5	35.0	00:35:58	
1839.0	107.6	15.5	38.1	00:35:59	
1840.0	106.4	15.5	39.5	00:36:01	
1841.0	106.6	15.5	39.6	00:36:02	
1842.0	106.9	15.5	39.5	00:36:04	
1843.0	108.0	15.5	38.7	00:36:05	
1844.0	107.1	15.5	39.3	00:36:07	
1845.0	109.0	15.5	38.1	00:36:08	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1846.0	107.0	15.5	39.5	00:36:10	
1847.0	118.4	15.5	30.3	00:36:12	
1848.0	124.0	15.5	25.1	00:36:14	
1849.0	116.0	15.5	31.3	00:36:16	
1850.0	111.8	15.5	35.4	00:36:18	
1851.0	114.8	15.5	33.7	00:36:20	
1852.0	120.1	15.5	27.9	00:36:22	
1853.0	110.5	15.5	35.7	00:36:24	
1854.0	106.7	15.5	38.9	00:36:25	
1855.0	105.2	15.5	40.3	00:36:27	
1856.0	105.2	15.5	40.7	00:36:28	
1857.0	104.8	15.5	41.0	00:36:29	
1858.0	104.6	15.5	41.2	00:36:31	
1859.0	103.8	15.5	41.8	00:36:32	
1860.0	104.1	15.5	41.7	00:36:34	
1861.0	104.3	15.5	41.6	00:36:35	
1862.0	104.0	15.5	41.8	00:36:37	
1863.0	104.1	15.5	41.7	00:36:38	
1864.0	104.1	15.5	41.7	00:36:40	
1865.0	104.1	15.5	41.6	00:36:41	
1866.0	104.1	15.5	41.6	00:36:42	
1867.0	104.2	15.5	41.7	00:36:44	
1868.0	103.8	15.5	41.7	00:36:45	
1869.0	104.2	15.5	41.4	00:36:47	
1870.0	103.6	15.5	41.9	00:36:48	
1871.0	103.8	15.5	41.9	00:36:50	
1872.0	103.3	15.5	42.0	00:36:51	
1873.0	103.7	15.5	41.9	00:36:52	
1874.0	103.9	15.5	41.7	00:36:54	
1875.0	103.3	15.5	42.0	00:36:55	
1876.0	103.9	15.5	41.8	00:36:57	
1877.0	103.5	15.5	42.0	00:36:58	
1878.0	103.7	15.5	41.9	00:37:00	
1879.0	104.5	15.5	41.4	00:37:01	
1880.0	103.8	15.5	41.9	00:37:02	
1881.0	104.7	15.5	41.2	00:37:04	
1882.0	104.8	15.5	41.1	00:37:05	
1883.0	104.6	15.5	41.3	00:37:07	
1884.0	104.5	15.5	41.3	00:37:08	
1885.0	104.6	15.5	41.2	00:37:10	
1886.0	105.1	15.5	41.1	00:37:11	
1887.0	104.9	15.5	41.2	00:37:13	
1888.0	104.9	15.5	40.9	00:37:14	
1889.0	104.8	15.5	41.1	00:37:16	
1890.0	105.4	15.5	40.7	00:37:17	
1891.0	105.2	15.5	40.7	00:37:19	
1892.0	105.1	15.5	40.8	00:37:20	
1893.0	105.5	15.5	40.6	00:37:22	
1894.0	105.4	15.5	40.7	00:37:23	
1895.0	105.3	15.5	40.7	00:37:25	
1896.0	105.2	15.5	40.7	00:37:26	
1897.0	104.9	15.5	41.0	00:37:27	
1898.0	104.9	15.5	40.9	00:37:29	
1899.0	105.0	15.5	40.9	00:37:30	
1900.0	104.4	15.5	41.3	00:37:32	
1901.0	105.3	15.5	40.7	00:37:33	
1902.0	104.6	15.5	41.1	00:37:35	
1903.0	105.2	15.5	40.7	00:37:36	
1904.0	105.3	15.5	40.7	00:37:38	
1905.0	106.0	15.5	40.3	00:37:39	
1906.0	106.1	15.5	40.4	00:37:41	
1907.0	106.7	15.5	40.1	00:37:42	
1908.0	106.0	15.5	40.5	00:37:44	
1909.0	106.7	15.5	40.1	00:37:45	
1910.0	106.1	15.5	40.4	00:37:47	
1911.0	105.8	15.5	40.4	00:37:48	
1912.0	105.9	15.5	40.6	00:37:50	
1913.0	106.9	15.5	39.8	00:37:51	
1914.0	107.0	15.5	39.7	00:37:53	
1915.0	107.5	15.5	39.5	00:37:54	
1916.0	107.6	15.5	39.3	00:37:56	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1917.0	107.7	15.5	39.2	00:37:57	
1918.0	107.7	15.5	39.1	00:37:59	
1919.0	108.3	15.5	38.7	00:38:00	
1920.0	110.3	15.5	37.5	00:38:02	
1921.0	109.9	15.5	37.8	00:38:03	
1922.0	112.7	15.5	35.6	00:38:05	
1923.0	111.0	15.5	36.8	00:38:07	
1924.0	117.8	15.5	34.9	00:38:09	
1925.0	123.5	15.5	37.3	00:38:10	
1926.0	133.4	15.5	36.5	00:38:12	
1927.0	129.0	15.5	39.6	00:38:13	
1928.0	128.7	15.5	40.1	00:38:15	
1929.0	126.0	15.4	42.0	00:38:16	
1930.0	124.9	15.4	41.9	00:38:18	
1931.0	122.5	15.4	42.4	00:38:19	
1932.0	122.8	15.4	42.0	00:38:21	
1933.0	122.6	15.4	42.2	00:38:22	
1934.0	124.0	15.5	41.5	00:38:23	
1935.0	122.6	15.5	42.0	00:38:25	
1936.0	124.4	15.5	41.1	00:38:26	
1937.0	122.5	15.5	42.0	00:38:28	
1938.0	124.5	15.5	41.1	00:38:29	
1939.0	125.5	15.5	41.6	00:38:31	
1940.0	127.3	15.5	40.8	00:38:32	
1941.0	126.8	15.5	41.1	00:38:34	
1942.0	127.2	15.5	40.7	00:38:35	
1943.0	127.4	15.5	40.8	00:38:36	
1944.0	127.6	15.5	40.5	00:38:38	
1945.0	128.0	15.5	40.5	00:38:39	
1946.0	127.7	15.5	40.5	00:38:41	
1947.0	130.1	15.5	40.1	00:38:42	
1948.0	130.7	15.4	41.0	00:38:44	
1949.0	133.1	15.4	39.9	00:38:45	
1950.0	130.5	15.4	41.6	00:38:47	
1951.0	133.0	15.4	40.4	00:38:48	
1952.0	131.4	15.4	41.4	00:38:50	
1953.0	132.1	15.4	41.1	00:38:51	
1954.0	131.4	15.4	41.5	00:38:53	
1955.0	132.1	15.4	41.1	00:38:54	
1956.0	131.4	15.4	41.3	00:38:56	
1957.0	131.8	15.4	41.2	00:38:57	
1958.0	131.5	15.4	41.3	00:38:58	
1959.0	132.0	15.4	41.1	00:39:00	
1960.0	131.6	15.4	41.1	00:39:01	
1961.0	132.4	15.4	40.8	00:39:03	
1962.0	133.7	15.4	41.0	00:39:04	
1963.0	137.3	15.4	40.2	00:39:06	
1964.0	135.7	15.4	41.0	00:39:07	
1965.0	137.4	15.4	40.2	00:39:09	
1966.0	135.5	15.4	41.2	00:39:10	
1967.0	137.9	15.4	39.9	00:39:12	
1968.0	136.2	15.4	40.9	00:39:13	
1969.0	138.2	15.4	39.7	00:39:15	
1970.0	136.7	15.4	40.5	00:39:16	
1971.0	137.3	15.4	40.1	00:39:18	
1972.0	136.9	15.4	40.4	00:39:19	
1973.0	136.9	15.4	40.2	00:39:21	
1974.0	137.0	15.4	40.5	00:39:22	
1975.0	136.4	15.4	40.6	00:39:24	
1976.0	137.3	15.4	40.3	00:39:25	
1977.0	136.1	15.4	40.7	00:39:27	
1978.0	136.6	15.4	40.5	00:39:28	
1979.0	136.4	15.4	40.7	00:39:30	
1980.0	137.0	15.4	40.4	00:39:31	
1981.0	136.9	15.4	40.4	00:39:32	
1982.0	136.7	15.4	40.6	00:39:34	
1983.0	137.7	15.4	40.0	00:39:35	
1984.0	137.6	15.4	40.1	00:39:37	
1985.0	137.4	15.4	39.9	00:39:38	
1986.0	137.9	15.4	39.8	00:39:40	
1987.0	137.2	15.4	40.2	00:39:41	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1988.0	138.8	15.4	39.3	00:39:43	
1989.0	135.6	15.4	39.7	00:39:44	
1990.0	133.2	15.5	38.6	00:39:46	
1991.0	131.6	15.5	39.0	00:39:48	
1992.0	134.0	15.5	37.5	00:39:49	
1993.0	130.4	15.5	38.4	00:39:51	
1994.0	132.0	15.5	36.9	00:39:52	
1995.0	133.0	15.5	37.8	00:39:54	
1996.0	136.2	15.5	37.0	00:39:56	
1997.0	136.0	15.5	37.6	00:39:57	
1998.0	135.9	15.5	37.3	00:39:59	
1999.0	136.4	15.5	37.4	00:40:00	
2000.0	135.9	15.5	37.6	00:40:02	
2001.0	136.2	15.5	37.6	00:40:04	
2002.0	134.2	15.5	37.1	00:40:05	
2003.0	116.1	15.5	35.9	00:40:07	
2003.0	1.3	15.2	1.8	00:40:18	Stop (11:59)