

Friday, July 30.

Hour. A. M.	Dynamometer Strain.	Brake Strain.	Angle of Rope.		Amount per hour by Rotometer. K. F.	Speed of ship. K. F.
			Horizontal.	Vertical.		
1	2050	1800	—	—	5 718	4 2
2	2050	1800	—	—	5 763	4 6
3	2050	1800	—	—	5 550	4 2
4	2050	1800	11° S.	14°	5 218	4 2
5	2050	1800	10° S.	16°	5 210	4 6
6	2050	1800	5° S.	14°	5 420	5 2
7	2050	1800	8° S.	14°	5 533	5 4
8	2050	1800	9° S.	14°	5 590	5 2
9	2050	1800	10° S.	12°	5 170	5 0
10	2050	1800	10° S.	12°	5 813	5 2
11	2050	1800	6° S.	12°	5 600	5 0
12*	2050	1800	5° S.	12°	5 100	7 4
1	2000	1800	8° S.	12°	5 838	5 4
2	2000	1800	9° S.	11°	7 070	5 0
3	2000	1800	9° S.	12°	7 010	5 0
4	2000	1800	5° S.	11°	7 000	5 0
5	2000	1800	10° S.	12°	5 813	5 0
6	2000	1800	10° S.	12°	5 818	5 2
7	2000	1800	10° S.	12°	5 463	5 0
8	2100	1800	—	—	5 559	5 0
9	2100	1800	—	—	5 890	5 0
10	2100	1800	—	—	5 518	5 0
11	2100	1800	—	—	5 600	5 0
12	2100	1800	—	—	5 518	5 2

* 72 minutes.

Depth of water, from 1,550 to 1,975 fathoms.

Latitude, 51 deg. 50 min.; longitude 84 deg. 49 min.

Knots of cable paid out, 181,000 fathoms.

Knots run by ship, 89.

Loss per cent, 48.

Remarks.

From midnight to 4 A. M.—At 12 34, 60 miles of cable paid out; at 2 10, 70 miles. Sea smooth; very light breeze on port quarter. At 3 55 finished paying out coil on spar deck, and commenced on the forward berth deck circle.

From 4 to 8.—At 4 10, 80 miles of cable out; at 5 45, 90 miles; at 7 17, 100 miles. Light, fair breeze; smooth sea. At 8 A. M. had run 81½ miles by patent log.

From 8 to meridian.—At 8 50, 110 miles of cable out; at 10 27, 120 miles; at 11 55, 130. Distance by patent log, for the last 24 hours, 104.3 miles. Light wind aft. Smooth sea.

From 12 to 4.—At 1 10, 140 miles of cable out; at 2 36, 150 miles; at 4 02, 160 miles. Distance by patent log at 4 P. M., 23.4 knots.

From 4 to 6.—At 5 30, 170 miles of cable out. Strong wind and moderate sea aft.

From 6 to 8.—At 7 03, 180 miles of cable out. Fresh breeze and moderate sea on port quarter.

From 8 to midnight.—At 8 34, 190 miles of cable out; at 10 08, 200 miles; at 11 34, 210 miles. Wind and sea moderate, wind veered from port quarter to port beam. Distance run since noon by patent log, 46.8 miles.

Saturday, July 31.

Hour. A. M.	Dynamometer Strain.	Brake Strain.	Angle of Rope.		Amount per hour by Rotometer. K. F.	Speed of ship. K. F.
			Horizontal.	Vertical.		
1	2050	1800	Too dark to see cable outboard.		6 500	5 7
2	2050	1800			7 070	5 0
3	2000	1800	10° S.	18°	5 983	5 0
4	2000	1800	0° S.	12°	7 060	5 0
5	2000	1800	0° S.	12°	6 713	5 1