

Speed of ship.	
K.	F.
4	2
4	6
4	3
4	9
4	6
5	2
5	4
5	2
5	0
5	9
6	0
	4
5	4
6	0
6	0
6	4
6	0
6	2
6	6
6	6
6	4
6	0
6	9

Hour.	Dynamometer Strain.	Brake Strain.	Angle of Rope.		Amount per hour by Rotometer.		Speed of ship.	
			Horizontal.	Vertical.	K.	F.	K.	F.
6	2000	1500	0° S.	12°	6	000	5	4
7	2000	1500	5° S.	11°	6	300	5	6
8	2000	1500	9° S.	12°	6	315	5	6
9	2000	1500	2° S.	10°	6	550	6	1
10	2000	1500	8° S.	12°	6	265	5	7
11	2000	1500	2° S.	13°	6	170	5	7
12	2050	1500	8° S.	13°	7	550	6	4
P. M.								
1	2050	1800	5° S.	12°	6	688	5	4
2	2000	1750	5° S.	12°	7	200	6	0
3	2050	1800	6° S.	12°	6	300	5	6
4	2050	1800	3° S.	13°	7	818	6	0
5	2050	1800	10° S.	10°	6	498	5	7
6	2075	1800	10° S.	10°	6	903	5	4
7	2075	1800	9° S.	10°	6	500	5	6
8	2075	1800	7° S.	12°	6	668	5	0
9	2075	1800	4° S.	12°	6	420	6	5
10	2075	1800	4° S.	12°	6	523	6	0
11	2050	1800	6° S.	12°	6	570	5	5
12	2000	1800	4° S.	12°	6	628	5	7

Depth of water, 1,657 to 2,250.
Latitude, 51 deg. 5 min.
Longitude, 38 deg. 28 min.

Knots of cable paid out, 159 miles, 843 fathoms.
Knots run by ship, 187.
Loss, 17 per cent.

Remarks.

At 1 10, 220 miles of cable out; at 2 35, 230 miles; at 4 31, 240 miles. Fresh breeze and moderate sea on port quarter. Distance run by patent log since meridian Friday to 4 p. m. Saturday, 90.4 miles.

From 4 to 8.—At 5 34, 250 miles of cable out; at 7 11, 260 miles; at 8 11, 270 miles, indicated by patent log since yesterday noon. Light breeze on port bow; sea moderate.

From 8 to meridian.—At 8 44, 270 miles of cable out; at 10 30, 280 miles; at 11 56, 290 miles. Distance run by patent log since Friday noon, 137.5 miles.

From meridian to 4 P. M.—At 1 14, 300 miles of cable out; at 2 35, 310 miles; at 4 02, 320 miles. Light head breeze; moderate sea. Rotometer 313 miles 700 fathoms.

From 4 to 6.—At 5 36, 330 miles of cable out; commenced orlop deck circle at 5 40. Very light breeze on starboard bow, with but little sea.

From 6 to 8.—At 7 12, 340 miles of cable out. Light head wind, with moderate sea. At 8, 44.3 miles run by patent log since meridian.

From 8 to midnight.—At 8 45, 350 miles of cable out; at 10 16, 360 miles; at 11 46, 377 miles.

Sunday, August 1.

Hour.	Dynamometer Strain.	Brake Strain.	Angle of Rope.		Amount per hour by Rotometer.	Speed of ship.	
			Horizontal.	Vertical.		K.	F.
A. M.							
1	2075	1800	—	—	6	853	6 8
2	2015	1800	—	—	7	900	6 4
3	2075	1900	—	—	7	400	5 7
4	2075	1800	4° N.	19'	7	213	5 6
5	2000	1800	3° N.	10'	7	400	6 .
6	2000	1800	3° S.	10'	7	110	6 .
7	2000	1900	10° N.	19'	6	908	6 2
8	2000	1800	10° N.	19'	6	728	6 4
9	2075	1800	11° N.	19'	6	090	6 4
10	2100	1800	10° N.	19'	6	400	6 .
11	2100	1800	19° N.	19'	7	100	6 .
12	2100	1800	10° N.	11'	8	618	6 .
P. M.							
	2090	1800	10° N.	19'	7	800	6 8