

TABLE of Challenger Soundings at Depths exceeding 3000 Fathoms with 3 cwt. of Sinkers.

| Depth in Fathoms. | Wednesday, 26th March 1873.<br>Wind, E <sup>b</sup> N. Force, 4.<br>Weather, bc. Sea, moderate.<br>Line, No. 1. Machine, Hydra.<br>Lat. 19° 41' N., long. 65° 7' W. |           |                              | Tuesday, 23rd March 1875.<br>Wind, E <sup>b</sup> N. Force, 4.<br>Weather, bep. Sea, swell from ENE.<br>Line, No. 1. Machine, Baillie.<br>Lat. 11° 24' N., long. 143° 16' E. |           |                              | REMARKS. |
|-------------------|---|-----------|------------------------------|--|-----------|------------------------------|----------|
|                   | Time each 100 fathom mark entered water.  | Interval. | Average interval, see p. 65. | Time each 100 fathom mark entered water.   | Interval. | Average interval, see p. 65. |          |
|                   | h. m. s.  | m. s.     | m. s.                        | h. m. s.   | m. s.     | m. s.                        |          |
| 1000              | 6 42 48   | 1 36      | 1 28                         | 6 1 30   | ...       | 1 28                         |          |
| 1100              | 44 25   | 1 37      | 1 33                         | 3 0  | 1 30      | 1 33                         |          |
| 1200              | 46 3  | 1 38      | 1 37                         | 5 0  | *2 0      | 1 37                         |          |
| 1300              | 47 45   | 1 42      | 1 41                         | 7 12   | *2 12     | 1 41                         |          |
| 1400              | 49 32   | 1 47      | 1 44                         | 8 43   | 1 31      | 1 44                         |          |
| 1500              | 51 20   | 1 48      | 1 47                         | 10 22  | 1 39      | 1 47                         |          |
| 1600              | 53 12   | 1 52      | 1 50                         | 12 4   | 1 42      | 1 50                         |          |
| 1700              | 55 7  | 1 55      | 1 52                         | 13 52  | 1 48      | 1 52                         |          |
| 1800              | 57 5  | 1 58      | 1 54                         | 15 43  | 1 51      | 1 54                         |          |
| 1900              | 59 2  | 1 57      | 1 56                         | 17 41  | 1 58      | 1 56                         |          |
| 2000              | 7 1 6   | 2 4       | 1 58                         | 19 47  | 2 6       | 1 58                         |          |
| 2100              | 3 8   | 2 2       | 2 1                          | 21 54  | 2 7       | 2 1                          |          |
| 2200              | 5 13  | 2 5       | 2 3                          | 24 15  | 2 21      | 2 3                          |          |
| 2300              | 7 24  | 2 11      | 2 5                          | 26 28  | 2 13      | 2 5                          |          |
| 2400              | 9 38  | 2 14      | 2 7                          | 28 32  | 2 4       | 2 7                          |          |
| 2500              | 11 53   | 2 15      | 2 10                         | 30 40  | 2 8       | 2 10                         |          |
| 2600              | 14 11   | 2 18      | 2 12                         | 33 4   | 2 24      | 2 12                         |          |
| 2700              | 16 26   | 2 15      | 2 14                         | 35 25  | 2 21      | 2 14                         |          |
| 2800              | 18 37   | 2 11      | 2 16                         | 37 56  | 2 31      | 2 16                         |          |
| 2900              | 20 59   | 2 22      | 2 18                         | 40 13  | 2 17      | 2 18                         |          |
| 3000              | 23 26   | 2 27      | 2 20                         | checked  | ...       | 2 20                         |          |
| 3100              | 25 45   | 2 19      | ...                          | 52 53  | ...       | ...                          |          |
| 3200              | 28 11   | 2 26      | ...                          | 55 1   | 2 8       | ...                          |          |
| 3300              | 30 38   | 2 27      | ...                          | 57 10  | 2 9       | ...                          |          |
| 3400              | 33 5  | 2 27      | ...                          | 59 30  | 2 20      | ...                          |          |
| 3500              | 41 40   | checked   | ...                          | 7 1 48   | 2 18      | ...                          |          |
| 3600              | 44 20   | 2 40      | ...                          | 4 3  | 2 15      | ...                          |          |
| 3700              | 47 12   | 2 52      | ...                          | 6 26   | 2 23      | ...                          |          |
| 3800              | 57 22   | checked   | ...                          | 8 52   | 2 26      | ...                          |          |
| 3900              | 8 0 19  | 2 57      | ...                          | 11 25  | 2 33      | ...                          |          |
| 4000              | 4 39  | 4 20      | ...                          | 13 57  | 2 32      | ...                          |          |
| 4100              | ...   | ...       | ...                          | 16 36  | 2 39      | ...                          |          |
| 4200              | ...   | ...       | ...                          | 19 1   | 2 25      | ...                          |          |
| 4300              | ...   | ...       | ...                          | 21 25  | 2 24      | ...                          |          |
| 4400              | ...   | ...       | ...                          | 23 51  | 2 26      | ...                          |          |
| 4500              | ...   | ...       | ...                          | 26 20  | 2 29      | ...                          |          |
| 4600              | ...   | ...       | ...                          | ...  | ...       | ...                          |          |
| 4700              | ...   | ...       | ...                          | ...  | ...       | ...                          |          |
| 4800              | ...   | ...       | ...                          | ...  | ...       | ...                          |          |
| 4900              | ...   | ...       | ...                          | ...  | ...       | ...                          |          |
| 5000              | ...   | ...       | ...                          | ...  | ...       | ...                          |          |

\* Line checked slightly.

For explanation of the letters used to denote the state of the weather, see Narr. Chall. Exp., vol. ii. p. 301, 1882.