

TABLE II.—Chain of Meridian Distances round the world, from St. Vincent, East round Cape of Good Hope, returning to St. Vincent twenty-four hours, as well as the Arithmetical

MERIDIAN DISTANCES

| From                       | To              | MERIDIAN DISTANCES     |            |             |            |             |            |             |            |                      |            |             |            |   |            |
|----------------------------|-----------------|------------------------|------------|-------------|------------|-------------|------------|-------------|------------|----------------------|------------|-------------|------------|---|------------|
|                            |                 | A.                     |            | B.          |            | C.          |            | D.          |            | E.                   |            | F.          |            | G.  |            |
|                            |                 | E.                     | W.         | E.          | W.         | E.          | W.         | E.          | W.         | E.                   | W.         | E.          | W.         | E.  | W.         |
| St. Vincent.               | Bahia.          | <i>h. m. s.</i><br>... | 0.54.15.37 | ...         | 0.54. 1.70 | ...         | 0.54. 0.95 | ...         | 0.54. 1.87 | ...                  | 0.53.45. 2 | ...         | 0.53.49.22 | ...   | 0.54.14.44 |
| Bahia.                     | C. Good Hope.   | 3.47.56.67             | ...        | 3.47.51.16  | ...        | 3.48. 0.78  | ...        | 3.48. 0.72  | ...        | 3.48.11.03           | ...        | 3.47.31.38  | ...        | 3.48.18.02  | ...        |
| C. Good Hope.              | Christmas Harb. | 3.22. 6.61             | ...        | 3.22.14.92  | ...        | 3.22.12.00  | ...        | 3.22.11.70  | ...        | 3.22.10.10           | ...        | 3.21.59.26  | ...        | 3.22.17.21  | ...        |
| Christmas Harb.            | Melbourne.      | 5. 3.24.28             | ...        | 5. 3.23.12  | ...        | 5. 3.51.91  | ...        | 5. 4.14.76  | ...        | 4.59.44.47           | ...        | 5. 3.20.30  | ...        | 5. 3.51.37  | ...        |
| Melbourne.                 | Sydney.         | 0.25.18.09             | ...        | 0.25.17.38  | ...        | 0.25.15.03  | ...        | 0.25.14.45  | ...        | 0.25.16.62           | ...        | 0.25.13.38  | ...        | 0.25.14.21  | ...        |
| Sydney.                    | Wellington.     | 1.34.43.45             | ...        | 1.34.14.56  | ...        | 1.34.15.66  | ...        | 1.34.17.00  | ...        | 1.34. 5.55           | ...        | 1.34.14.54  | ...        | 1.34.13.60  | ...        |
| Wellington.                | Levuka.         | 0.16.33.20             | ...        | 0.16. 7.51  | ...        | 0.16.18.24  | ...        | 0.16.23.58  | ...        | 0.16.22.92           | ...        | 0.16.12.03  | ...        | 0.16.13.05  | ...        |
| Levuka.                    | Sextant Rock.   | ...                    | 2.25. 7.72 | ...         | 2.25.35.59 | ...         | 2.25.12.20 | ...         | 2.25.19.62 | ...                  | 2.25.12.54 | ...         | 2.25.37.19 | ...   | 2.25. 9.8  |
| Sextant Rock.              | Dobbo.          | ...                    | 0.33.18.34 | ...         | 0.33.18.05 | ...         | 0.33.17.94 | ...         | 0.33.20.02 | ...                  | 0.33.18.51 | ...         | 0.33.19.14 | ...   | 0.33.14.6  |
| Dobbo.                     | Ambolna.        | ...                    | 0.24. 9.03 | ...         | 0.24.10.24 | ...         | 0.24.11.18 | ...         | 0.24.11.01 | ...                  | 0.24. 3.16 | ...         | 0.24. 1.79 | ...   | 0.24.10.47 |
| Ambolna.                   | Manila.         | ...                    | 0.28.47.74 | ...         | 0.28.52.28 | ...         | 0.28.51.03 | ...         | 0.28.53.17 | ...                  | 0.28.41.75 | ...         | 0.28.46.39 | ...   | 0.28.43.7  |
| Manila.                    | Zebu.           | 0.11.52.76             | ...        | 0.11.48.00  | ...        | 0.11.47.71  | ...        | 0.11.46.51  | ...        | ...                  | ...        | 0.11.49.11  | ...        | 0.11.48.40  | ...        |
| Zebu.                      | Samboangan.     | ...                    | 0. 7.18.02 | ...         | 0. 7.19.96 | ...         | 0. 7.18.05 | ...         | 0. 7.18.64 | ...                  | 0. 7.25.03 | ...         | 0. 7.21.44 | ...   | 0. 7.19.11 |
| Samboangan.                | Humboldt Bay.   | 1.14.30.07             | ...        | 1.14.36.28  | ...        | 1.14.35.16  | ...        | 1.14.31.16  | ...        | 1.14.21.41           | ...        | 1.14.22.68  | ...        | 1.14.27.73  | ...        |
| Humboldt Bay.              | Admiralty Is.   | 0.23.52.82             | ...        | 0.24. 2.94  | ...        | 0.23.55.19  | ...        | 0.23.55.23  | ...        | 0.23.53.62           | ...        | 0.23.54.65  | ...        | 0.23.55.60  | ...        |
| Admiralty Is.              | Yokohama.       | ...                    | 0.27.27.42 | ...         | 0.28.15.37 | ...         | 0.27.45.80 | ...         | 0.28. 7.70 | ...                  | 0.28. 0.31 | ...         | 0.27. 6.68 | ...   | 0.27.27.47 |
| Yokohama.                  | Honolulu.       | 4. 9.58.89             | ...        | 4. 9.59.07  | ...        | 4.10.35.35  | ...        | 4.10. 1.60  | ...        | 4.10.34.10           | ...        | 4. 9.23.82  | ...        | 4.10.11.20  | ...        |
| Honolulu.                  | Tahiti.         | 0.33.36.81             | ...        | 0.33.24.12  | ...        | 0.33.47.86  | ...        | 0.33.28.59  | ...        | 0.33.29.19           | ...        | 0.33.15.17  | ...        | 0.33.13.75  | ...        |
| Tahiti.                    | Valparaiso.     | 5.10.49.58             | ...        | 5.11.21.23  | ...        | 5.11.27.58  | ...        | 5.11.11.83  | ...        | 5.11.35.98           | ...        | 5. 9.55.08  | ...        | ...   | ...        |
| Valparaiso.                | Sandy Point.    | 0. 2.59.03             | ...        | 0. 3. 4.85  | ...        | 0. 3. 4.44  | ...        | 0. 2.57.42  | ...        | 0. 3.27.38           | ...        | 0. 2.41.28  | ...        | ...   | ...        |
| Sandy Point.               | Port Stanley.   | 0.52. 5.72             | ...        | 0.52. 5.30  | ...        | 5.51.57.10  | ...        | 0.52. 4.12  | ...        | 0.52. 9.49           | ...        | 0.52. 4.15  | ...        | ...   | ...        |
| Port Stanley.              | Monte Video.    | 0. 6.20.68             | ...        | 0. 6.21.58  | ...        | 0. 6.19.05  | ...        | 0. 6.33.36  | ...        | 0. 6.23.09           | ...        | 0. 6.16.44  | ...        | ...   | ...        |
| Monte Video.               | Ascension.      | 2.47. 1.43             | ...        | 2.47.14.18  | ...        | 2.46.57.93  | ...        | 2.46.46.55  | ...        | 2.47. 8.54           | ...        | 2.46.51.30  | ...        | ...   | ...        |
| Ascension.                 | St. Vincent.    | ...                    | 0.42.12.69 | ...         | 0.42.25.38 | ...         | 0.42.23.03 | ...         | 0.42.28.64 | ...                  | 0.42.15.62 | ...         | 0.42.12.41 | ...   | ...        |
| Totals.                    |                 | 30. 3. 6.24            | 6. 2.36.93 | 30. 3.12.15 | 6. 3.59.17 | 30. 4.22.31 | 6. 3. 6.78 | 30. 3.44.63 | 6. 3.41.17 | Only partially used. |            | 29.59. 4.57 | 6. 2.14.24 | Only partially used, as it stopped between Tahiti and Valparaiso. |            |
| Deduct Westerly Mer. Dist. |                 | 6. 2.36.93             |            | 6. 3.59.17  |            | 6. 3. 6.78  |            | 6. 3.41.17  |            |                      |            | 6. 2.14.24  |            |   |            |
| Result.                    |                 | 24. 0.29.31            |            | 23.59.12.98 |            | 24. 1.15.53 |            | 24. 0. 3.46 |            |                      |            | 23.56.50.38 |            |   |            |