

RATES OF DECK WATCHES
ON TRIAL
FOR PURCHASE BY THE BOARD OF ADMIRALTY,
AT THE
ROYAL OBSERVATORY, GREENWICH.
FROM 1890 OCTOBER 25 TO 1891 FEBRUARY 14.

S O 11273—820—2/91 Wt 22308 D & S.

IN ORDER OF TIME.

Sept. 27 to Oct. 4	Oct. 4—11	Oct. 11—18	Oct. 18—25	Oct. 25 to Nov. 1	Nov. 1—5	Nov. 5—8	Nov. 13—22	Nov. 22—29	Nov. 29 to Dec. 6	Dec. 6—13	Dec. 13—20	Dec. 20—27	Dec. 27 to Jan. 3	Jan. 3—10	Jan. 10—17	Jan. 17—24	NAME OF MAKER.	No.
+ 5.4	+ 2.8	+ 4.2	+ 4.1	+ 5.6	+ 5.3	+ 4.2	+ 1.6	+ 3.5	+ 5.0	+ 5.7	+ 6.1	+ 5.4	+ 4.9	+ 5.9	+ 6.9	+ 4.9	Uhrig	814
+ 6.7	+ 0.1	+ 7.8	+ 7.9	+ 6.8	+ 5.8	+ 6.4	+ 0.4	+ 3.5	+ 5.5	+ 7.8	+ 10.1	+ 9.8	+ 10.1	+ 10.3	+ 9.1	+ 5.4	Reuben & Teller	865
+ 6.0	+ 2.9	+ 4.1	+ 3.0	+ 3.2	+ 4.3	+ 3.5	+ 1.9	+ 4.9	+ 4.1	+ 1.4	+ 0.8	+ 0.8	+ 0.2	+ 2.7	+ 5.3	+ 1.4	Killberg	615
+ 4.9	+ 3.9	+ 3.0	+ 4.2	+ 4.2	+ 3.8	+ 1.0	+ 0.5	+ 1.3	+ 1.6	+ 4.0	+ 8.4	+ 8.6	+ 9.8	+ 10.7	+ 9.5	+ 7.4	Uhrig	815
+ 4.5	+ 4.8	+ 4.8	+ 0.0	+ 7.7	+ 4.0	+ 3.1	+ 11.5	+ 7.9	+ 10.3	+ 10.2	+ 14.8	+ 17.5	+ 17.3	+ 15.9	+ 13.2	+ 5.0	Usher & Coles	803
- 1.3	- 2.4	- 2.9	- 3.8	- 4.0	- 3.8	- 4.0	+ 0.3	- 2.3	- 1.3	- 0.3	- 7.9	- 5.6	- 4.6	- 3.8	- 4.5	- 5.8	Killberg	8060
- 1.9	+ 1.2	+ 4.0	+ 2.0	+ 3.4	+ 2.6	- 1.9	+ 2.5	+ 0.1	+ 9.1	+ 9.7	+ 8.9	+ 7.2	+ 9.7	+ 9.7	+ 6.1	+ 7.9	Reuben & Teller	865
+ 11.5	+ 8.6	+ 6.9	+ 5.8	+ 7.1	+ 7.8	+ 14.9	+ 15.6	+ 14.6	+ 14.9	+ 8.9	+ 10.3	+ 10.4	+ 11.2	+ 10.9	+ 13.8	+ 13.4	Isaac	1875
+ 10.8	+ 18.4	+ 17.9	+ 17.9	+ 17.9	+ 17.9	+ 17.9	+ 17.9	+ 17.9	+ 17.9	+ 17.9	+ 17.9	+ 17.9	+ 17.9	+ 17.9	+ 17.9	+ 17.9	Isaac	1875
+ 3.6	+ 3.6	+ 4.9	+ 5.0	+ 6.2	+ 5.7	+ 3.1	- 1.6	+ 0.6	+ 0.0	+ 11.6	+ 14.2	+ 18.2	+ 15.5	+ 14.4	+ 15.6	+ 10.4	Hawell & Sons	8001
+ 3.1	+ 3.4	+ 3.0	+ 2.0	+ 4.7	+ 3.8	+ 0.9	- 2.8	+ 1.5	+ 5.3	+ 11.3	+ 8.6	+ 9.8	+ 11.0	+ 14.8	+ 14.3	+ 13.0	Isaac	1854
- 3.1	- 4.4	- 1.5	- 1.4	+ 0.3	- 0.6	- 4.6	- 9.4	- 0.5	- 3.9	- 0.7	+ 2.6	+ 1.9	+ 4.5	+ 3.7	+ 3.0	+ 3.0	Johnson & Co	8693
+ 17.2	+ 17.2	+ 30.0	+ 30.1	+ 32.5	+ 30.9	+ 32.9	+ 30.7	+ 30.4	+ 30.7	+ 34.3	+ 30.6	+ 30.7	+ 30.4	+ 30.1	+ 32.7	+ 32.5	Isaac	1875
+ 5.4	+ 5.6	+ 4.9	+ 9.3	+ 10.9	+ 11.3	0.0	+ 5.8	+ 5.2	- 0.2	+ 11.8	+ 11.2	+ 11.0	+ 10.8	+ 10.8	+ 11.1	+ 11.4	Hume	1853
- 15.2	- 10.0	- 18.7	- 21.1	- 21.7	- 17.6	- 13.4	- 17.2	- 18.1	- 11.1	- 11.5	- 7.1	- 8.6	- 17.4	- 16.8	- 16.1	- 17.2	Isaac	1769
+ 3.8	+ 3.4	+ 4.7	+ 5.9	+ 5.8	+ 7.4	+ 6.8	+ 0.0	+ 2.6	+ 4.9	+ 8.0	+ 10.2	+ 12.7	+ 10.9	+ 18.1	+ 13.8	+ 12.8	Hawell & Sons	8003
+ 7.5	- 10.7	- 12.1	- 14.6	- 13.4	- 12.1	- 5.6	- 5.3	- 1.1	- 3.3	- 10.9	- 10.7	- 10.3	- 19.9	- 18.8	- 18.2	- 18.2	Johnson & Co	8693
+ 1.2	+ 1.3	+ 2.2	- 2.5	- 0.9	0.0	+ 2.5	- 0.8	- 3.6	- 7.1	- 16.9	- 16.7	- 16.3	- 19.9	- 18.8	- 18.2	- 18.2	Hume	8048
+ 3.8	0.0	+ 0.3	- 2.6	- 3.5	- 1.0	+ 9.9	+ 4.5	+ 0.6	+ 1.9	+ 3.3	+ 3.3	+ 4.0	+ 7.8	+ 6.2	+ 5.7	+ 5.7	Johnson & Co	8693
+ 2.8	+ 4.4	+ 0.0	+ 12.7	+ 14.6	+ 13.8	+ 21.7	+ 19.0	+ 19.0	+ 19.7	+ 20.7	+ 21.0	+ 22.3	+ 22.6	+ 21	+ 21	+ 21	Moore	1818
+ 3.8	+ 7.0	+ 8.6	+ 8.1	+ 7.7	+ 7.4	+ 12.1	+ 4.5	+ 9.7	+ 17.1	+ 11.3	+ 8.2	+ 7.3	+ 6.7	+ 7.6	+ 8.3	+ 7.9	Whyte & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Johnson & Co	8693
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	Kirk & Co.	4773
+ 10.8	+ 17.5	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.4	+ 18.						

The Chronometers are placed in order of merit, their respective positions being determined by consideration of the irregularities of rate exhibited in Table III.