

To Find Error & Rate of Chronometer.

On Sept 11th at 9^h 45^m 0^s AM truly in Long 18° 26' E
 Lat. 34° 11' 18" S Watch Time 9^h 53^m 43^s am Gto alt
 Sun 29 00° 37' 36" S E + 20'

| | | | | |
|-----------------------|--|--------------|---------------|--------------------------------|
| Sept 11 th | 9 ^h 45 ^m 0 ^s am | Decl | change | Eq. D. P. |
| | <u>12</u> | 4° 18' 1" | 57.2 | 3 ^m 40 ^s |
| Sept 10 th | 21 45 0 | 3 20 + | <u>200.20</u> | 3 ^m 34 ^s |
| Longit. | 1 13 44 - | 4° 21' 21" N | | |
| G.M.T. | 20 ^h 31 ^m 16 ^s | | change | Subt from A.T. |
| | | | <u>.87</u> | |
| | | | <u>3.5</u> | |
| | | | <u>3.045</u> | |

| | | | |
|----------------|---------------------|-----------|--|
| <u>Obs alt</u> | Lat = 34° 11' 18" S | 2 Lic | 10.082388 |
| 80° 37' 36" | Decl. 4 21 21 N | 2 Lic | 10.001255 |
| <u>20 +</u> | <u>38° 32' 39"</u> | | |
| 27 00 37 56 | ZD = 49.26 7 | | |
| 40 18 58 | | | |
| <u>15 56 +</u> | | | |
| 40 34 54 | Sum = 87° 58' 46" | 2 1/2 Hrs | 4.841706 |
| <u>1 1 -</u> | | 2 1/2 Hrs | 4.977288 |
| 40 33 53 | Diff = 10° 53' | 2 1/2 Hrs | 4.902637 |
| <u>90</u> | | 2 1/2 Hrs | 8.902637 |
| ZD = 49 26 7 | | | A.T. 21 ^h 48 ^m 38 ^s |
| | | | 3 37- |
| | | | Eq. of Time |

| | |
|--|--|
| | G.M.T. 21 ^h 45 ^m 1 ^s |
| | Long in Line = 1 13 44 |
| | G.M.T. 20 ^h 31 ^m 17 ^s |
| | Watch Time = 20 31 17 |
| | <u>Watch error = 0 0 0</u> |
| | |

| | |
|--|-------|
| W. T. 9 ^h 53 ^m 43 ^s | |
| 1 22 26 Error | |
| <u>W. T. - 8 31 17</u> | W. T. |

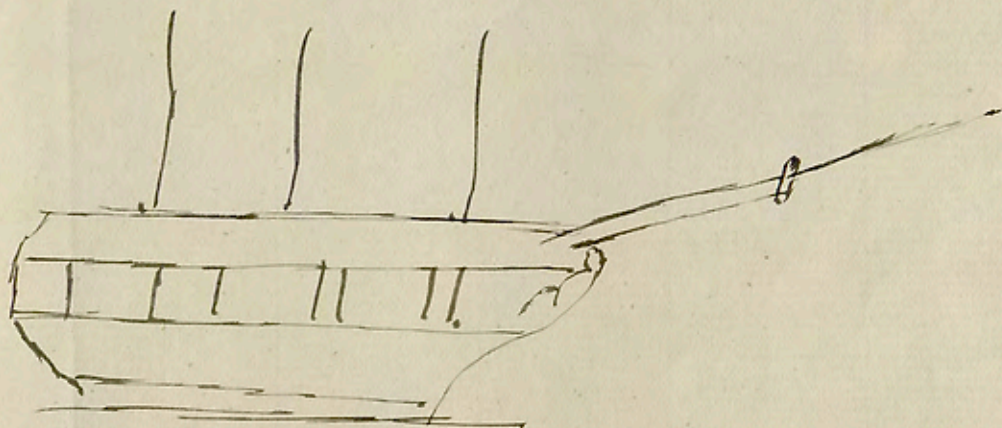
100
27

2nd Light

On Sept 18th at 10^h 5^m about Long 18° 16' E Lat. 34° 11' 18" S
 Watch Time 8^h 44^m 49^s to alt Sun's P^o 89° 41' 30"
 J E 20' +.

| | <u>Decl</u> | <u>Change</u> | <u>E 9.97</u> | <u>change</u> |
|---|--------------|---------------|-------------------------------|---------------|
| Sept 18 th 10 ^h 0 ^m 0 ^s | 1° 36' 11" N | 58.2 | 6 ^m 8 ^s | .88 |
| 12 | | 9.2 | 2.8 | 3.2 |
| Sept 17 th 22 0 0 | 3 6 + | 186.24 | 6 ^m 5.2 | 2.816 |
| 1 13 44 - | 1° 39' 17" N | | | |
| <u>Gr. Y. 17. 20. 46 16</u> | | | | |

Subt from A. J.



914
Sutthell

I hereby certify that Mr John Leader Fournes Sutthell
has kept his log from the date of his joining a seagoing ship.

James Bruce

Captain
H. M. S. "M instant"

MC 64,56

LOG
27

HMS



MINOTAUR

VICE ADM^{TL} SIR W. HEWETT. VC. KCB KCSI

Commanded by Cap^t Bruce

FROM JAN 10th TO NOV 24th

KEPT BY

J.L.F. LUTTRELL

H.M.S. Minotaur at Gibraltar Monday January 10th 1887

| Wind | F | Wea | T | Barom | Remarks |
|-------|-----|-----|-------|-------|--|
| North | 1 | bc | 30.18 | 47 | Agincourt came alongside 7.0. commenced coaling. |
| N. W. | 1.2 | b.c | 30.22 | 50 | 11.30 Completed 190 tons 3.30 Agincourt hauled off |
| N. W. | 1 | b.c | 30.25 | 43 | 3. joined Mr. G. L. Lutchell Naval Cadet Iron Duke came alongside New Mole. |

January 11th

| | | | | | |
|-------|---|-----|----|-------|---|
| N. W. | 3 | b.c | 51 | 30.22 | but steam pinnace and |
| N. W. | 2 | b.c | 55 | 30.23 | launch. Up steam in Steam Pinnace. Gave 48 |
| N. W. | 1 | b.c | 52 | 30.22 | hours general leave to Port Water |

January 12th

| | | | | | |
|-------|-----|-----|-------|-------|---|
| West | 3.4 | bcq | 55 | 30.09 | Arrived Pand C steamer |
| S. W. | 4.8 | bcq | 30.17 | 30.17 | Mustered by Divisions Read Prayers. Employed |
| S. W. | 4.7 | bcq | 54 | 30.20 | as requisite, quarters |

January 13th

| | | | | | |
|-------|-----|----|----|-------|---|
| S. W. | 3.5 | bc | 55 | 30.20 | Mustered by Divisions |
| West | 3 | bc | 58 | 30.26 | Read Prayers. Governor of Gibraltar visited ship. Iron |
| Calm | 0 | bc | 56 | 30.13 | Duke saluted do. 17 guns |

H.M.S. Minotaur at Gibraltar Friday January 14th 1887

| Wind | F | Wea | S | Bar | Remarks |
|------|---|-----|----|-------|---|
| Calm | 0 | oc2 | 55 | 30.07 | Divisions. Prayers. Arrived |
| Calm | 0 | bc | 56 | 29.99 | American Frigate "Cyprio" Sent dockyard party. Sent upper sails. Boats away |
| Calm | 0 | oc | 57 | 30.02 | sailing. Washed clothes |

January 15th

| | | | | | |
|---------|---|----|----|-------|--|
| North | 1 | bc | 50 | 30.05 | Exercising. Fire Quarters |
| St. air | - | bc | 58 | 30.10 | cleaning ship. Mustered at grs. Mended fuel |
| N. W. | 1 | bc | 54 | 30.06 | of sails. Sailed U.S. m. of war "Cyprio" |

January 16th

| | | | | | |
|----------|-----|----|----|-------|---|
| N. W. | 2.5 | bc | 53 | 30.09 | Mustered by Divisions |
| N. N. W. | 3.5 | bc | 49 | 30.17 | Performed Divine Service Sent church parties |
| N. W. | 2.3 | bc | 55 | 30.21 | Gave special leave to P. Watch |

January 17th

| | | | | | |
|----------|---|----|----|-------|---|
| N. W. | 1 | bc | 52 | 30.23 | Crossed Royal yards. Iron Duke went out for target |
| N. by W. | 3 | bc | 59 | 30.23 | practice. Companies at drill. Iron Duke came in. |
| Calm | 0 | bc | 58 | 30.33 | Rigged ships for theatricals |

H. M. S. Minotaur at Gibraltar Tuesday January 18th 1887

| Wind | F | Wea | T | Bar | Remarks |
|------|-----|-----|----|-------|---|
| N.W. | 2-3 | bc | 57 | 30.36 | 7.30 "Phaeton" came alongside New Mole. Arrived H.M.S. |
| N.W. | 3 | bc | 59 | 30.33 | Tyne and H.M.S. Monarch Discharged Sub. Lieut. Selater, |
| Calm | 0 | bc | 58 | 30.33 | Davy, Bradshaw, Hutton and Hon. Hord to Tyne |

January 19th

| | | | | | |
|--------|---|----|----|-------|---|
| Calm | 0 | bc | 52 | 30.30 | 7.30 Sailed H.M.S. "Phaeton" Arr. H.M.S. "Wye" & Company & field guns fired at drill. |
| N.N.E. | 1 | bc | 60 | 30.39 | Losed sails, Down top fallant masts "Sultan" left mole. Midnight. |
| Calm | 0 | bc | 61 | 30.42 | |

January 20th

| | | | | | |
|-------|---|----|----|-------|--|
| North | 1 | bc | 58 | 30.40 | Crossed royal yards. "Sultan" proceeded to sea for target practice. Make and mend clothes. Sultan arrived. |
| Calm | 0 | b | 61 | 30.41 | Down royal yards. |
| Calm | 0 | b | 59 | 30.25 | |

January 21st

| | | | | | |
|------|-----|------|----|-------|--|
| Calm | 0 | oemg | 54 | 30.10 | A.M. Down top fallant masts Mustered by Divisions. Read Prayers Exercised general Quarters. |
| S.W. | 3-9 | oemg | 53 | 30.06 | P.M. Mustered at Quarters Bent sheet cables |
| S.W. | 5-4 | oemg | 60 | 30.23 | |

H. M. S. Minotaur at Gibraltar Saturday January 22nd 1887

| Wind | F | Wca | T | Bar | Remarks |
|------|-----|-----|----|-------|--|
| S.W. | 2.9 | cg | 57 | 30.12 | Am. Exercised Electric Light |
| WSW. | 3.8 | hgn | 53 | 30.33 | Employed repairing stern walk. PM. |
| S.W. | 4.6 | cg | 58 | 30.4 | Arrived schooner yacht "Adema" Half hoisted colours for "Monarch's" funeral party. |

Sunday January 23rd

| | | | | | |
|-----------|-----|-----|----|-------|---|
| Variable. | 1.6 | cg | 60 | 30.45 | Am. Mustered by Divisions Performed Divine Service |
| " | 1 | ocg | 56 | 30.48 | PM. Gave special leave to Port Watch Quarters. Performed Divine Service. |
| S.W. | 2 | l | 55 | 30.42 | |

Monday January 24th

| | | | | | |
|------------|-----|----|----|-------|---|
| South | 1.4 | bc | 55 | 30.40 | Am. Sailed French yacht "Eros" Crossed Royal yards |
| West 2 1/2 | 1.3 | oc | 56 | 30.43 | Exercised watches. In fib and shift mains. Top- fallant mas l. Hoisted in 1 st Launch & Steam Pinnace |
| St. Air | 1 | bc | 57 | 30.45 | |

From Gibraltar to Port Mahon

| Hours | Minutes | Seconds | | | | | |
|-------|---------|---------|-----------|-----|--------|----|-------|
| 1 | - | - | | | | | |
| 2 | - | - | | | | | |
| 3 | - | - | | | | | |
| 4 | - | - | 20 | | | | |
| 5 | 4 | 5 | requisite | 1 | South | bc | 30.42 |
| 6 | 4 | 5 | E. 3/4 S | | | | 58 |
| 7 | 4 | 5 | " | | | | |
| 8 | 5 | 0 | " | 1 | ESE | bc | 30.38 |
| 9 | 5 | 5 | " | | | | 62 |
| 10 | 5 | 5 | " | | | | |
| 11 | 5 | 5 | E 3/4 S | 2.3 | SE 1/2 | b | 30.47 |
| 12 | 5 | 5 | " | | | | 57 |

PM
2-30. Shortened in Cable
3. Unmoored from New Mole
3.30 Weighed Starst anchor and
proceeded in company with
Squadron 20 Revs.
7.0. Increased to open order
30 Revs. Cherub log 35.15.

H. M. S. Minotaur Gibraltar to Port Mahon Thursday Jan^y 25th 1887

| Hour | Min | Sec | Course | Tie | Wind | Wear | Bar Ther | Remarks |
|------|-----|-----|-------------------|-----|---------|------|-------------|---|
| 1 | 5 | 5 | E 3/4 S | 2.3 | East | bc | 30.41 | Am |
| 2 | 5 | 5 | | | | | 57 | 6.10. Observed C. serafif ^s NE 1/2 N |
| 3 | 5 | 5 | | | | | | 8.30 Housed Top Gall ^{ts} Mast |
| 4 | 5 | 5 | | | | | | 9.5 Divisions Read Prayers |
| 5 | 5 | 0 | | | | | | 9.45 Increased to 32 Revol ^{ts} |
| 6 | 5 | 2 | | 4.5 | E 1/2 S | bc | 30.36 | 9.50 Commenced Steam Tactics |
| 7 | 5 | 0 | | | | | 57 | Closed Watertight door |
| 8 | 4 | 0 | | | | | | 5 th Fire Battery at Dull |
| 9 | 5 | 0 | | | | | | 11.50 Finished Steam Tactics |
| 10 | 5 | 0 | | | | | | Reduced to 26 Revs. |
| 11 | 4 | 5 | as up for Tactics | 6 | E 1/2 S | bc | 30.34 | |
| 12 | | | | | | | 56 | |

| | | | |
|--------|--------------------------------------|--------------------------------------|--|
| 11.4.3 | Lat No 36° 15' N Long No. 3° 5' W | Lat No 36° 18' N Long No. 3° 6' W | Bearing of Port (L. de Janta) } N 51° E 51' |
|--------|--------------------------------------|--------------------------------------|--|

| | | | | | | | | |
|----|---|---|---------------|-----|------|----|-------|-----------------------------------|
| 1 | 5 | 5 | E 3/4 S | 6 | East | bc | 30.20 | PM |
| 2 | 4 | 8 | East | | | | 59 | 1.10 Altered Co. to East |
| 3 | 5 | 0 | | | | | | 2 Company as Dull |
| 4 | 4 | 8 | | | | | | 4.0 Inspected Clean Hammocks |
| 5 | 4 | 8 | | | | | | Pointed Yards to the Wind |
| 6 | 4 | 8 | E 1/2 S 1/2 E | 7.0 | East | bc | 31.27 | 5.0 altered Course to E 1/2 S |
| 7 | 4 | 5 | E 1/2 S | | | | 65 | 6.0 Watertight doors in |
| 8 | 4 | 2 | | | | | | 4 th Store hole closed |
| 9 | 4 | 0 | | | | | | Column on abeam of cables. |
| 10 | 4 | 0 | | | | | | |
| 11 | 4 | 0 | E 1/2 S | 7.0 | East | bc | 30.33 | |
| 12 | 4 | 0 | | | | | 55 | |

Wednesday January 26th 1887

| | | | | | | | | |
|----|---|---|---------------|-----|---------|----|-------|-----------------------------------|
| 1 | 4 | 0 | E 1/2 S 1/2 E | 7.0 | East | bc | 30.28 | Am |
| 2 | 4 | 0 | | | | | 60 | 6.15. Obs. land on Port Bow |
| 3 | 4 | 0 | | | | | | 8.30 Altered Co. to E 1/2 N 1/2 N |
| 4 | 4 | 0 | | | | | | 9.10. Squads took Close order |
| 5 | 4 | 0 | | 6.7 | E 1/2 N | bc | 30.33 | Topdeck training glasses |
| 6 | 4 | 0 | | | | | 58 | under instruction |
| 7 | 4 | 0 | | | | | | Read Stations for shifting |
| 8 | 5 | 0 | | | | | | Lower yards & topmas No. |
| 9 | 5 | 0 | | | | | | |
| 10 | 5 | 5 | E 1/2 N 1/2 N | 6 | East | bc | 30.38 | |
| 11 | 5 | 5 | | | | | 58 | |
| 12 | 5 | 5 | | | | | | |

| | | | |
|-------|---------------------------------------|---------------------------------------|---|
| 9.4.7 | Lat No 36° 42' N Long No. 1° 34' W | Lat No 36° 32' N Long No. 1° 34' W | B. & V. of Ayre } N 54° E Island Minia } 34° |
|-------|---------------------------------------|---------------------------------------|---|

| | | | | | | | | |
|----|---|---|---------------|-----|------|----|-------|---|
| 1 | 6 | 5 | E 1/2 N 1/4 N | 3.4 | East | bc | 30.38 | PM |
| 2 | 2 | 5 | | | | | 53 | 1.35. Increased to 32 Revol ^{ts} |
| 3 | - | - | | | | | | 1.45. Closed Watertight doors. |
| 4 | 1 | - | | | | | | Commenced Steam Tactics |
| 5 | - | - | E 1/2 N 1/4 N | 2.3 | E NE | bc | 30.36 | 3.55 Finished Tactics. Opened W.T. |
| 6 | 5 | 5 | | | | | 58 | doors. |
| 7 | 5 | 5 | | | | | | 4.0. Crossed Royal Yards. Made |
| 8 | 5 | 0 | | | | | | Plain sail. Blaced up Post. |
| 9 | 5 | 0 | | | | | | Tacks shortened and Filled. |
| 10 | 5 | 0 | E 1/2 N 1/4 N | 3.4 | E NE | bc | 30.42 | sails. |
| 11 | 5 | 0 | | | | | 50 | |
| 12 | 5 | 0 | | | | | | |

H. M. S. "Minotaur" Gibraltar to Port Mahon Saturday Jan 29th

| H | K | T | Course | F | Wind | Wea | Bar Ther | Remarks |
|---|---|---|--------------------------|-----|----------|-----|--------------------|---|
| 1 | 5 | 0 | E by N $\frac{3}{4}$ E | 1.2 | East | bc | $\frac{30.50}{59}$ | Mended fuel of sails. Landed |
| 2 | 5 | 0 | | | | | | |
| 3 | 5 | 0 | | | | | | |
| 4 | 5 | 0 | | | | | | |
| 5 | 5 | 0 | | | | | | |
| 6 | 1 | 2 | N E by N $\frac{3}{4}$ E | 1 | N E by N | bc | $\frac{30.52}{58}$ | 7-12. Reduced to 16 Revs. 9.30 Stopped |
| 7 | 1 | 2 | | | | | | |
| 8 | 3 | 0 | | | | | | |
| 9 | 4 | 5 | | | | | | |
| | | | as requisite | | | | | And made fast to buoy off |
| | | | Made fast to buoy | 1 | E by N | bc | $\frac{30.57}{61}$ | English Creek. Saluted Spanish |
| | | | in English Creek | | | | | Flag & guns. Quarters. Down Royal Yards |
| | | | Port Mahon | | | | | |

Sunday January 30th

| | | | | | |
|------------|---|------|----|--------------------|-----------------------------|
| Made fast | 1 | N.W. | bc | $\frac{30.40}{48}$ | Sent church Parties ashore. |
| to buoy | | | | | Mustered by Divisions |
| in English | 1 | N.E. | bc | $\frac{30.45}{55}$ | Performed Divine Service |
| Creek. | | | | | Quarters. Divine Service |
| Port Mahon | 0 | Calm | bc | $\frac{30.40}{48}$ | |

Monday January 31st

| | | | | | |
|---------------|-----|---------------------|----|--------------------|--------------------------------------|
| Made fast | 0 | Calm | c | $\frac{30.36}{57}$ | Crossed Royal Yards. Loosed |
| to buoy in | | | | | Sails. Divisions. Prayers. |
| English Creek | 1.2 | N.E. | bc | $\frac{30.38}{59}$ | Landed sails. Shifted Jibboom |
| Port Mahon | | | | | main Top. 1st mast and mizen |
| | | 2 nd Air | bc | $\frac{30.33}{53}$ | top sail yard. Loosed & felled sails |
| | | | | | Quarters. Down top gallant masts |

Tuesday January 1st

| | | | | | |
|---------------|---|------|----|--------------------|-----------------------------------|
| Made fast | 0 | Calm | bc | $\frac{30.26}{46}$ | Crossed Royal Yards Loosed sails |
| to buoy in | | | | | Divisions. Landed sails & shifted |
| English Creek | | East | bc | $\frac{30.28}{55}$ | Top gallant masts. Loosed sails |
| Port Mahon | | | | | Landed sails but steam an anchor |
| | | | | | and called 1st fo. ditto. |
| | 0 | Calm | bc | $\frac{30.27}{57}$ | Quarters. Down foreyard and |
| | | | | | top gallant masts |
| | | | | | 10. Put fire engines in exercise |

"U. S. Minotaur" Port Mahon, Minorca Wednesday Feb. 2nd 86

| Course | # | Wind | Wear | Bar Ther | Remarks |
|--------------------------------|---|------|------|--------------------|---|
| Made fast to buoy | 0 | calm | bc | $\frac{30.26}{50}$ | Crossed Royal Yards. Loosed sails. Divisions, Prayers. |
| in English Creek Port Mahon | 4 | East | bc | $\frac{30.25}{60}$ | Coiled sails. Shifted Gibboon Governor visited ship. Saluted on leaving 15 fms. Cut Steam pinnace and launch & quarters. |
| | 0 | calm | bc | $\frac{30.31}{49}$ | Down top. Sallant masts. |

Thursday February 3rd

| | | | | | |
|--------------------------------|---|---------|-----|--------------------|---|
| Made fast to buoy | 0 | calm | bc | $\frac{30.40}{40}$ | Swayed up fore yard. Crossed royal yards. Loosed sails. Divisions. Read Prayers. Made and mended clothes quarters down top. Sallant masts. |
| in English Creek Port Mahon | " | St. Air | oc. | $\frac{30.53}{54}$ | |
| | 0 | calm | bc | $\frac{30.50}{40}$ | |

Thursday February 4th

| | | | | | |
|----------------------|---|------|----|--------------------|--|
| Made fast to buoy | 0 | calm | bc | $\frac{30.52}{54}$ | Am. Crossed Royal yards. mustered by Divisions Read Prayers. Noon. |
| in English Creek | 0 | calm | bc | $\frac{30.62}{53}$ | P.M. mustered by quarters |
| Port Mahon | 0 | calm | bc | $\frac{30.58}{54}$ | - 12 - 0 - 0 Mid night |

Saturday February 5th

| | | | | | |
|--|---|------|----|--------------------|--|
| Made fast to buoy in English Creek Port Mahon | 0 | calm | bc | $\frac{30.56}{47}$ | Am. Crossed Royal yards. mustered by Divisions. Prayers |
| | 0 | calm | bc | $\frac{30.58}{56}$ | Prepared for action aft. |
| | 0 | calm | bc | $\frac{30.57}{50}$ | Crossed Royal yards. Bent top sails. P.M. quarters - Mid night |

"H. M. S. Hindostan" at Port Mahon. Sunday February 6th 1886

| Course | 7 | Wind | Wka | Bar Thu | Remarks |
|---------------|---|-----------------|-----|--------------------|---|
| Moved to | 0 | Calm | bc | $\frac{30.17}{44}$ | Am. |
| Coast in | | | | | Divisions Performed Divine |
| English Creek | 1 | NW ^s | bc | $\frac{30.68}{53}$ | Service |
| Port Mahon | | | | | Gave special leave to Fort |
| | 1 | South | bc | $\frac{30.61}{57}$ | Water P.M. Quarters. H. M. S. Curlew sailed |

Monday February 7th

| | | | | | |
|-------------------|---|-------|----|--------------------|--------------------------------|
| Moved to | 0 | Calm | bc | $\frac{30.34}{45}$ | Mustered by Divisions. Prayers |
| Coast in English | | | | | In boats. |
| Creek. Port Mahon | 0 | Calm | bc | $\frac{30.35}{41}$ | Squadron weighed and |
| | | | | | Prepared for sea. |
| As requisite | 1 | South | bc | $\frac{30.31}{57}$ | 12-0-0 Moon. |
| out of Harbour | | | | | |

HKT

| | | | | | | | | |
|----|---|---|---|-----|-------|----|--------------------|--|
| 1 | 5 | 0 | SW ^s W ² W | 2 | South | bc | $\frac{30.20}{54}$ | PM. |
| 2 | 2 | 5 | | | | | | Spread for whitehead Lopedoe. |
| 3 | 2 | 5 | As requisite | | | | | practice. |
| 4 | 5 | 0 | for practice SW ^s W ² W | | | | | |
| 5 | 5 | 0 | SW ^s W ² W | 1-2 | --- | bc | $\frac{30.15}{55}$ | Fired Lopedoes & Rounds |
| 6 | 4 | 8 | | | | | | 4-0-0 exercised aft. Shift |
| 7 | 4 | 8 | | | | | | Top. 8 th masts jiblon & myen |
| 8 | 4 | 5 | | | | | | topsails yard |
| 9 | 4 | 5 | | | | | | Cherub Log 30.8 miles |
| 10 | 4 | 0 | | 0 | Calm | bc | $\frac{30.23}{55}$ | |
| 11 | 4 | 0 | | | | | | |
| 12 | 4 | 0 | | | | | | |

Tuesday February 8th

| | | | | | | | | |
|----|---|---|----------------------------------|------|------|----|--------------------|--|
| 1 | 4 | 5 | SW ^s W ² W | 1 | SW | bc | $\frac{30.17}{55}$ | Am. |
| 2 | 4 | 5 | | | | | | 3-15 Lost Sight of Port Colon Lt. |
| 3 | 4 | 5 | | | | | | |
| 4 | 4 | 5 | | | | | | 6.55 altered course to NW. 90 ^s |
| 5 | 4 | 5 | | | | | | 7.0.0. Divisions. Inspected |
| 6 | 4 | 5 | | | | | | arms. Prayers. |
| 7 | 4 | 0 | NW ^s W ² W | Lt | West | bc | $\frac{30.14}{57}$ | exercised firing whitehead |
| 8 | 4 | 0 | | also | | | | |
| 9 | 4 | 2 | | | | | | Lopedoe 5. rounds. |
| 10 | 4 | 2 | | | | | | - 2 Spaded to W ^s S ² W ^s |
| 11 | 4 | 2 | | | | | | |
| 12 | 4 | 0 | | | | | | |

H. M. S. Minstrel Port Mahon to Gibraltar Tuesday February 8th 1884

| H | K | T | Course | 7 | Wind | Wa | Bar Ther | Remarks |
|----|---|---|----------------------------------|-----|------|-----|-------------|------------------------------|
| 1 | 1 | 5 | W ² S ³ 4S | 4 | ENE | ocp | 30.05 | PM. |
| 2 | 5 | 0 | | | | | 40 | Hoisted in second whaler and |
| 3 | 6 | 0 | | | | | | proceeded to revs. |
| 4 | 6 | 0 | | | | | | |
| 5 | 6 | 0 | | | | | | |
| 6 | 6 | 0 | | 4 | — | ocp | 30.07 | Quarters down top gallant |
| 7 | 6 | 0 | | | | | 51 | masts |
| 8 | 6 | 0 | | | | | | |
| 9 | 3 | 0 | | | | | | |
| 10 | 6 | 5 | SW ¹ 4W | | | | | |
| 11 | 6 | 5 | | | | | | |
| 12 | 6 | 5 | | 5.6 | East | oc | 30.05 49 | -12-0-0 Mid night |

Wednesday February 9th 1884

| | | | | | | | | |
|----|---|---|------------------|-----|------------------|-----|-------|------------------------------------|
| 1 | 6 | 0 | W ² S | 6 | E ² S | ocp | 30.04 | Am |
| 2 | 6 | 0 | | | | | 50 | Altered course to W ² S |
| 3 | 6 | 0 | | | | | | 9.0 Mustered by Divisions |
| 4 | 6 | 0 | | | | | | Read Prayers |
| 5 | 6 | 0 | | | | | | Made sail to single reef |
| 6 | 6 | 0 | | 6 | E ² E | ocp | 30.07 | top sails |
| 7 | 6 | 0 | | | | | 46 | |
| 8 | 6 | 0 | | | | | | |
| 9 | 6 | 0 | | | | | | |
| 10 | 6 | 5 | | | | | | |
| 11 | 6 | 5 | | 5.6 | E ² E | oc | 30.01 | 11.0 Shifted main T. 9 yard. |
| 12 | 6 | 5 | | | | | 49 | |

Lat DA 37° 20' N Long DA 0° 30' E Co² dist made 9th S 50 W 145 miles

Lat DO 37° 27' N Long DO 0° 18' E Di² dist Cape de Gata S 70 W 126 miles

| | | | | | | | | |
|----|---|---|--------------------|---|-------------------------------|-----|-------|------------------------------------|
| 1 | 6 | 5 | SW ¹ 4W | 6 | E ² S | ocp | 30.04 | PM |
| 2 | 6 | 5 | | | | | 23 | Altered course to W ² S |
| 3 | 6 | 5 | | | | | | Made plain sail |
| 4 | 6 | 0 | | | | | | |
| 5 | 5 | 0 | | 6 | W ² E ² | ocp | 30.07 | Read Stations |
| 6 | 6 | 0 | | | | | 20 | |
| 7 | 6 | 0 | | | | | | Mustered at Quarters |
| 8 | 6 | 0 | | | | | | Shortened sail to 3 topsails |
| 9 | 6 | 0 | | | | | | |
| 10 | 6 | 0 | | | | | | |
| 11 | 6 | 0 | W ² S | 6 | W ² E | ocp | 30.01 | Increased to 24 Revs. |
| 12 | 6 | 0 | | | | | 54 | |

Thursday February 10th

| | | | | | | | | |
|----|---|---|----------------------------------|-----|------------------|----|-------|--|
| 1 | 5 | 0 | W ² S | 2 | W ² S | oc | 29.11 | Am |
| 2 | 5 | 0 | | | | | 57 | Obs C. de Gata S 60 W ² W ³ 4W |
| 3 | 5 | 0 | | | | | | Mustered by Divisions |
| 4 | 5 | 5 | | | | | | closed water tight doors |
| 5 | 5 | 0 | 2 ⁰ N ¹ 4N | 1.3 | — | oc | 30.02 | Commenced Steam Tactic |
| 6 | 5 | 0 | | | | | 56 | Involved Steam Tactic |
| 7 | 5 | 5 | | | | | | |
| 8 | 6 | 0 | | | | | | |
| 9 | 3 | 2 | | | | | | |
| 10 | 4 | 8 | | 4.3 | S ² E | oc | 30.02 | Opened water tight doors |
| 11 | 5 | 0 | | | | | 57 | |

H. M. S. "Mindar" from Port Mahon to Gibraltar Thursday Feb 10th 1887

| Course | | | # | Wind | Wave | Bar | Ther | Remarks |
|--------|--------------|---|-----|------|------|-------|------|-----------------------------|
| 1 | 5 | 8 | 2 | SE | bc | 29.97 | | PM |
| 2 | 5 | 8 | | | | 47 | | |
| 3 | 6 | 8 | | | | | | exercised fleet manoeuvres |
| 4 | no requisite | | | | | | | Increased to 32 revolutions |
| 5 | 6 | 0 | 2-3 | ESE | bc | 29.99 | | |
| 6 | 6 | 2 | | | | 32 | | Finished fleet manoeuvres |
| 7 | 6 | 2 | | | | | | Down royal yards |
| 8 | 6 | 2 | | | | | | altered course to West |
| 9 | 6 | 2 | | | | | | |
| 10 | 6 | 2 | | | | | | |
| 11 | 6 | 5 | | | | 29.99 | | |
| 12 | 6 | 5 | 4-3 | ESE | bc | 54 | | no - - - mood |

Friday February 11th

| | | | | | | | | |
|----|---|---|-----|----|----|-------|--|----------------------------|
| 1 | 6 | 5 | 3 | NW | bc | 29.98 | | Am |
| 2 | 6 | 5 | | | | 29 | | |
| 3 | 6 | 5 | | | | | | Increased to 32 Revs |
| 4 | 6 | 5 | | | | | | |
| 5 | 5 | 5 | | | | | | Mustered by Division |
| 6 | 5 | 0 | 3-4 | - | bc | 29.90 | | Read Prayers |
| 7 | 5 | 0 | | | | 17 | | |
| 8 | 6 | 2 | | | | | | Down T. & J. masts |
| 9 | 6 | 2 | | | | | | |
| 10 | 7 | 0 | | | | | | |
| 11 | 2 | 5 | | | | | | |
| 12 | 6 | 0 | 4-5 | - | bc | 30.07 | | Sighted Rock of Gibraltar. |

Lat 36° 5' N

Var = 16 1/2 W.

Coast made 9th 580 N 152 miles

Long - 6° - 13 W

Europa Pt. of House N 72° W. 6 miles

| | | | | | | | | |
|------------------|---|---|-----|-------|----|-------|--|--|
| 1 | 5 | 0 | 3 | 1/2 W | bc | 30.08 | | PM |
| 2 | 2 | 0 | | | | 57 | | altered course to NW |
| | | | | | | | | 1.45 altering course as requisite for making fast to new mole. |
| Lashed alongside | | | 1-2 | - | bc | 30.08 | | |
| | | | | | | 44 | | |
| New mole | | | 3-4 | - | bc | 30.08 | | Mustered at quarters |
| | | | | | | 57 | | Down T. & J. masts |

Saturday 12th February

| | | | | | | | | |
|------------------|---|-----|----|-------|--|----|--|--|
| Lashed alongside | 1 | 1/2 | bc | 30.02 | | 47 | | Am |
| | | | | | | | | 6.45 Commenced coaling |
| | | | | | | | | 7.30. Sailed H. M. S. Sultan |
| | | | | | | | | 12.0. Read 370. Lons. |
| New mole | 2 | 1/2 | bc | 30.16 | | 57 | | PM |
| | | | | | | | | 1.0 Shifted berth to end of mole. |
| | 2 | 1/2 | bc | 30.18 | | 52 | | 4.0. Hands employed cleaning ship throughout |

H. M. S. "Minotaur" Port Mahon to Gibraltar February 13th

| Course | # | Wind | Wca | Bar Ther | Remarks. |
|---------------------------------|---|------|-----|--------------------|--|
| Lashed Alongside New Mole | 1 | N | bc | $\frac{30.12}{46}$ | Am Hands employed cleaning Ship throughout |
| | 2 | N | oc | $\frac{30.14}{40}$ | 9.30 Mustered by Division Performed Divine Service |
| | 2 | N | de | $\frac{30.10}{47}$ | PM Gave special leave to Port Watch Admiral visited French Man-of-War |

Monday February 14th

| | | | | | |
|----------------------------------|---|------|----|--------------------|---|
| Lashed Alongside New Mole. | 0 | Calm | bc | $\frac{30.30}{46}$ | Am Hands employed cleaning ship throughout. Sent firing party to range. Sailed French Corvette "Iphigene" |
| | 1 | NW | bc | $\frac{30.00}{53}$ | PM 11.30 Firing Party returned on board 12-0 Quarters. |
| | 1 | NW | bc | $\frac{30.02}{53}$ | Gave special leave to P. Watch |

Tuesday February 15th

| | | | | | |
|---------------------------------|-----|-------|----|--------------------|---|
| Lashed Alongside New Mole | 0 | Stair | bc | $\frac{29.95}{40}$ | Am Sailed H. M. S. Agincourt for Target Practice. H. M. S. Lion Duke came alongside side |
| | 2.3 | NW | bc | $\frac{30.00}{52}$ | H. M. S. Assistance arrived |
| | 3.5 | NW | oc | $\frac{29.98}{49}$ | PM Sent firing party to rifle range H. M. S. Agincourt returned and Anchored - Quarters. |

Wednesday Feb. 16th

| | | | | | |
|---------------------------------|-----|-------|----|--------------------|---|
| Lashed Alongside New Mole | 1.5 | Varll | bc | $\frac{29.53}{55}$ | Am 6.45 Down top gallant masts 8.0 Down lower & topsail yards |
| | 3.9 | SW | bc | $\frac{29.99}{57}$ | 8.30 Lit fires in boilers 10.30 Banked fires PM Mustered at Quarters |
| | 5.7 | WSW | bc | $\frac{29.96}{57}$ | 12-0-0 Mid night |

H. M. S. "Minotaur" at Gibraltar Wednesday February 16th 89.

| Course | F | Wind | Wn | Bar Ther | Remarks |
|-----------|---|--------------------|----|--------------------|---|
| Lashed | 2 | WhW | bc | $\frac{30.02}{56}$ | Am H. M. S. "Assistance" cast off from New Mole and proceeded |
| Alongside | 1 | Var ^W | bc | $\frac{30.00}{56}$ | to sea H. M. S. "Iron Duke" cast off from New Mole |
| New Mole | 1 | L ^W air | bc | $\frac{30.10}{57}$ | PM Mustered at Quarters 12-0-0 Midnight |

Friday February 17th

| | | | | | |
|-----------|---|--------------------|----|--------------------|---|
| Lashed | 2 | WNW | bc | $\frac{30.02}{52}$ | Am H. M. S. "Assistance" cast off from New Mole and proceeded |
| Alongside | 1 | Var ^W | bc | $\frac{30.00}{56}$ | to sea H. M. S. "Iron Duke" cast off from ditto. |
| New Mole | 1 | L ^W air | bc | $\frac{30.10}{57}$ | PM Mustered at Quarters Living party returned from range |

Friday February 18th

| | | | | | |
|-----------|---|------|-----|--------------------|--|
| Lashed | 0 | Calm | scr | $\frac{30.11}{54}$ | Am Exercised at general Quarters Sent firing party to range. |
| Alongside | 0 | Calm | scr | $\frac{30.77}{57}$ | PM Mustered at Quarters |
| New Mole | 0 | Calm | bc | $\frac{30.20}{52}$ | Living party returned from range - Midnight |

Saturday 19th

| | | | | | |
|-----------|---|--------------------|-----|--------------------|--|
| Lashed | 0 | L ^W air | bc | $\frac{30.11}{57}$ | Am Hands employed cleaning Ship throughout |
| Alongside | 1 | --- | scr | $\frac{30.15}{54}$ | PM Mustered at Quarters. Issued clean hammocks |
| New Mole | 1 | Wh ^W | bc | $\frac{30.11}{54}$ | gave special leave to Pat-W. |

H. M. S. "Mindanao" at Sibrotan Sunday February 20th 1887

| Course | F | Wind | Wce | Day / | Remarks |
|---------------------------------|---|-----------------|------|--------------------|---|
| Lashed alongside New Mole | 1 | North | bc | $\frac{30.14}{48}$ | Am H. M. S. "Curlew" clipped from buoy and proceeded to sea |
| | 2 | SW ^W | oclp | $\frac{30.16}{50}$ | Mustered by divisions. Performed Divine Service |
| | 0 | Calm | oc | $\frac{30.17}{64}$ | Pm Mustered at Quarters H. M. S. "Curlew" returned |

Monday February 21st

| | | | | | |
|---------------------------------|-----|-----------------|----|--------------------|---|
| Lashed alongside New Mole | 23 | NW ^W | bc | $\frac{30.07}{47}$ | Am H. M. S. "Curlew" proceeded to sea H. M. S. "Lynx" arrived and moored to buoy |
| | 1 | NW ^W | bc | $\frac{30.20}{57}$ | H. M. S. "Monarch" came alongside New Mole |
| | 1.2 | NW ^W | c | $\frac{30.29}{58}$ | Pm Fired gun & hoisted C m Jack "Curlew" returned to her buoy |

Tuesday 22nd

| | | | | | |
|---------------------------------|---|------------------|----|--------------------|---|
| Lashed alongside New Mole | 0 | Calm | bc | $\frac{30.21}{62}$ | Am Employed cleaning ship |
| | 1 | E ^{air} | c | $\frac{30.34}{60}$ | P. o. Crossed royal yards sent firing party to range |
| | 1 | NW ^W | bc | $\frac{30.37}{63}$ | Hoisted C m Jack |

| | | | | | |
|---------------------------------|---|------------------|----|--------------------|-------------------------------------|
| Lashed alongside New Mole | 1 | NW ^W | bc | $\frac{37.21}{61}$ | Pm 3.55. Court martial dissolved |
| | 0 | Calm | bc | $\frac{38.06}{58}$ | 4-0-0 Mustered at Quarters. |
| | 1 | E ^{air} | c | $\frac{35.63}{53}$ | Down Royal Yards |

H. H. S. Minstam at Gibraltar to Vigo Bay. Friday Feb 25th 1887

| H.K.T | Course | 7 | Wind | Wear | Bar Ther | Remarks |
|---|---------------------------------|--------------------|-------|--|--------------------|---|
| 1 2 3 4 5 6 7 8 9 10 11 12 | $N \frac{1}{4} E$ | 12 | West | bc | $\frac{30.41}{60}$ | Am Mustered by Divisions Read Prayers 10- Increased to 30 Revs. Ended steam tactics. Closed Water tight doors 11-50. Finished steam tactics |
| | — | 1 | N.E. | bc | $\frac{30.42}{61}$ | |
| | $N \frac{1}{4} E \frac{1}{2} E$ | 1 | South | bc | $\frac{30.44}{62}$ | Opened water tight doors. |
| Lat DR. 37° 56' N | | Lat DR. 37° 54' N | | Coast Dist. In? Good. Varine 112 miles | | |
| Long DR. 9. 24 W. | | Long DR. 9° 33' W. | | Dist. Cap. Lepichel 142° E 26 miles | | |
| 1 2 3 4 5 6 7 8 9 10 11 12 | $N \frac{1}{4} E \frac{1}{2} E$ | 1 | South | bc | $\frac{30.47}{61}$ | PM 3-0. Closed water tight doors Increased to 32 Revs. Commenced Steam tactics |
| | $N \frac{1}{4} E$ | 12 | S.E. | bc | $\frac{30.35}{60}$ | 4-0 Quarters. Mustered at Quarters. Finished Steam tactics. Cox st aloft. |
| | $N \frac{1}{4} E \frac{1}{2} E$ | 12 | S.W. | bc | $\frac{30.27}{58}$ | Lighted (Proced st) $N \frac{1}{2} W$. |

Saturday. February 26th

| | | | | | | |
|---|---------------------------------|-----|------|----|--------------------|--|
| 1 2 3 4 5 6 7 8 9 10 11 12 | $N \frac{1}{4} E$ | 24 | S.E. | bc | $\frac{30.28}{58}$ | Am Exercised at fire & quarters. 8-0 Stopped. 9. 30. Proceeded 32 Revs. |
| | — | 4.5 | S.E. | bc | $\frac{30.20}{62}$ | Exercised steam tactics cleaning ship. |
| | $N \frac{1}{2} E \frac{1}{4} E$ | 3.4 | S.E. | bc | $\frac{30.26}{60}$ | Crossed Topallant y ^{do} Noor. |

| | | | | | | |
|---|---------------------------------|-----|------|----|--------------------|--|
| 1 2 3 4 5 6 7 8 9 10 11 12 | $N \frac{1}{2} E \frac{1}{4} E$ | 2 | S.E. | bc | $\frac{30.14}{57}$ | Am 1-30 Lighted H. H. S. "Swaps" |
| | — | 1.2 | East | bc | $\frac{30.15}{58}$ | Hands employed cleaning ship and as requisite. |
| | $N \frac{1}{2} W$ | 1 | East | bc | $\frac{30.13}{60}$ | Mustered at quarters. Ex st Steam tactics by gun signals Finished steam tactics |

H. M. S. "Minstrel" Gibraltar to Vigo Bay Sunday Feb 27th 1887

| Hr | Min | Sec | Course | F | Wind | Wear | Bar | Ther | Remarks |
|----|-----|-----|-----------|-----|------|------|-------|------|-----------------------------|
| 1 | 6 | 0 | | | | | | | |
| 2 | 6 | 0 | NW 1/2 W. | 1 | NE | b | 30.27 | | Am. |
| 3 | 6 | 0 | | | | | 60 | | Mustered by open list. |
| 4 | 6 | 0 | | | | | | | Performed Divine Service |
| 5 | 5 | 5 | | | | | | | |
| 6 | 5 | 5 | NE 1/4 E | 0 | Calm | bc | 30.21 | | Cherub log showed 470 miles |
| 7 | 5 | 8 | | | | | 57 | | Maximum roll 24° each |
| 8 | 6 | 0 | | | | | | | way. |
| 9 | 6 | 0 | | | | | | | |
| 10 | 6 | 0 | | | | | | | |
| 11 | 6 | 0 | NE 1/4 E | 1.2 | NE | b | 30.34 | | 12-0-0 noon. |
| 12 | 1 | 0 | | | | | 61 | | |

| | | | | | | | | | |
|----|---|---|-----------|-----|-------|---|-------|--|---------------------------|
| 1 | 6 | 0 | NE 1/4 E | 1.2 | NE | b | 30.30 | | Pm. |
| 2 | 6 | 0 | | | | | 58 | | Stopped engines. |
| 3 | 6 | 0 | | | | | | | Proceeded 24 revolutions |
| 4 | 6 | 0 | | | | | | | |
| 5 | 3 | 0 | | | | | | | |
| 6 | 5 | 5 | NW 1/4 W. | 2 | North | b | 30.32 | | Mustered at Quarters |
| 7 | 5 | 8 | | | | | 57 | | Performed Divine Service |
| 8 | 5 | 8 | | | | | | | Reduced to 27 revolutions |
| 9 | 5 | 8 | | | | | | | |
| 10 | 5 | 8 | | | | | | | |
| 11 | 5 | 8 | | | | | | | |
| 12 | 5 | 8 | East. | 1.2 | North | b | 30.32 | | Midnight - - - 12-0-0. |
| | | | | | | | 59 | | |

Monday Feb 28th 1887.

| | | | | | | | | | |
|----|---|---|--------------|----|------|----|-------|--|--|
| 1 | 6 | 0 | East. | 1 | East | b. | 30.29 | | Am |
| 2 | 6 | 0 | | | | | 59. | | Land on S Carboard bow |
| 3 | 6 | 0 | | | | | | | 7.30. Mustered by Divisions. |
| 4 | 6 | 0 | | | | | | | Read Prayers. |
| 5 | 5 | 8 | E. S. N. | 2 | East | b. | 30.36 | | 10.30. Stopped engines. Moved ship |
| 6 | 5 | 8 | | | | | 56. | | & shackles on each. |
| 7 | 5 | 8 | | | | | | | Pm. |
| 8 | 8 | 0 | | | | | | | Out steam pinnace |
| 9 | 8 | 0 | | | | | | | |
| 10 | 8 | 0 | | | | | | | |
| 11 | 5 | 0 | | | | | | | |
| 12 | 0 | 0 | No requisite | 2. | SW. | b. | 30.30 | | 10.30. Sent cutter to assistance of P.S. Valparaiso. |
| | | | | | | | 76 | | |

Tuesday March 1st

| | | | | | | | | | |
|---------|---|-----|----|-------|----|--|----|--|---------------------------------|
| hoored | 1 | SW. | b. | 20.31 | Am | | 61 | | 7.45. Commenced Coaling |
| | | | | | | | | | 9.30. Rec ^d 78 tons |
| in Vigo | 1 | SW. | b. | 30.24 | | | 60 | | 11.0. Rec ^d 126 tons |
| Bay. | | | | | | | | | 12-0-0 noon. |
| | | | | | | | | | P.M. |
| | | | | | | | | | Mustered at Quarters |
| | 1 | SW. | b. | 30.28 | | | 60 | | Down Royal yards. |

U. S. "Monarch" at Vigo. Wednesday, March 2nd 1887.

| Course | 7 | Wind | Wca | Bar Ther | Remarks |
|------------------------|---|-------------------|-----|--------------------|---|
| Moored off Vigo. | 1 | SE ^{1/2} | bc | $\frac{30.30}{53}$ | <u>Am</u> Received fresh beef. 500 lbs. Paid monthly pay to ship Company. |
| | 1 | --- | bc | $\frac{30.31}{59}$ | <u>Pm</u> Governor visited ship. Saluted on leaving 13 guns Down Top. Sallant masts. |
| | 1 | --- | bc | $\frac{30.29}{53}$ | |

Thursday March 3rd 1887.

| | | | | | |
|------------------------|-----|-------------------|----|--------------------|---|
| Moored off Vigo. | 1 | SE ^{1/2} | b. | $\frac{30.28}{49}$ | <u>Am</u> U. S. Monarch hoisted C. M. Jack. and fired a gun. |
| | 1 | NE ^{1/2} | bc | $\frac{30.28}{59}$ | Spanish Captain of the Port visited ship. Saluted &c. on leaving with 9 guns. |
| | 1.2 | --- | b | $\frac{30.25}{57}$ | <u>Pm</u> Mustered at Quarters. Down R. Yds |

Friday, March 4th

| | | | | | |
|------------------------|---|-------|-----|--------------------|---|
| Moored off Vigo. | 1 | South | opg | $\frac{30.14}{56}$ | <u>Am</u> Lit fires in Pinnace. Crossed Royal yards. S-o. Fired a gun and Hoisted C. M. Jack. |
| | 1 | SE | bc | $\frac{30.14}{56}$ | <u>Pm</u> Read and exercised fire stations |
| | 0 | SE | bc | $\frac{30.14}{59}$ | Departed this Life James. McQuinn & B. from injuries from a fall from aloft. 12-0-0 misright |

Saturday, March 5th

| | | | | | |
|------------------------|---|--------------------|----|--------------------|---|
| Moored off Vigo. | 1 | East | oc | $\frac{30.03}{60}$ | <u>Am</u> Exercised fire stations Hands cleaning ship as requisite Landed funeral Party. |
| | 1 | E ^{1/2} N | bc | $\frac{30.05}{60}$ | Lit fires. |
| | 1 | SE ^{1/2} | bc | | <u>Pm</u> Hands employed as requisite Gassed clean hammocks |

U. S. Minstaur at Vigo. Sunday March 6th 1887.

| Course. | F | Wind | Wear | Bar Ther | Remarks |
|----------------------|-----|-------|------|--------------------|--|
| Moored by Vigo | 1 | East | bc | $\frac{29.82}{52}$ | <u>Am</u> Water in ship 79 tons Lit fires in steam barge |
| | 0 | — | bc | $\frac{29.93}{54}$ | Mustered at Divisions Performed Divine Service <u>P.M.</u> |
| | 1.2 | Last. | bc | $\frac{29.96}{61}$ | Mustered at Quarters. |

Monday March 7th 87.

| | | | | | |
|------------------------|-----|--------|----|--------------------|--|
| Moored off Vigo. | 1 | Calm | bc | $\frac{29.97}{54}$ | <u>P.M.</u> 8-0-0. Crossed Royal yards 9-30. Divisions. |
| | 0 | S.S.E. | bc | $\frac{29.90}{61}$ | Exc ^d Man and arm ship. Down T. Gallant masts. <u>P.M.</u> |
| | 1.2 | S.S.E. | bc | $\frac{30.02}{59}$ | 4-0. Quarters. Rowed Royal y ^d s Gave special leave to S watch |

Tuesday March 8th 87

| | | | | | |
|-----------------------|---|------|----|--------------------|---|
| Moored off Vigo | 0 | Calm | bc | $\frac{30.10}{53}$ | <u>A.M.</u> 8-0. Crossed Royal y ^d s Loosed sails |
| | 0 | — | — | $\frac{30.00}{57}$ | Exc ^d stations for man & arm ship Saluted Vice Consul 7 guns <u>P.M.</u> |
| | 0 | — | — | $\frac{30.00}{55}$ | Quarters. Down Top. 8 th masts 7-30. Drew fires in steam pinnace |

Wednesday March 9th

| | | | | | |
|-----------------------|---|--------|----|--------------------|---|
| Moored off Vigo | 2 | E.N.E. | bc | $\frac{29.86}{55}$ | <u>A.M.</u> Crossed Royal yards. Loosed sails 9-0-0. Mustered by Divisions. Prayers |
| | 1 | East | — | $\frac{29.97}{60}$ | 11-0-0. Furlled sails <u>P.M.</u> Boats away sailing |
| | 1 | — | — | $\frac{30.00}{58}$ | 4-0. Mustered at Quarters Rove anchor gear. |

H. M. S. "Minotaur" at Vigo. Thursday, February 10th 1887.

| Course | | | # | Wind | Wear | Bar Ther | Remarks |
|--------|---|---|---------|-------------------|-----------------|--------------------|--|
| Moored | | | 1 | East ^s | bc | $\frac{29.96}{56}$ | 7-0. Lit fires in boilers 9.10.11 7-30. In Boats. 8-0-0. |
| loff. | | | 1.2 | E N E | bc | $\frac{29.99}{52}$ | Crossed Royal yards. 9-5. Divisions. Read Prayers 9-20. Unmoored weighed starboard anchor. 11-15. Weighed Port anchor and |
| Vigo. | | | 1.3 | SW ^s | bc | $\frac{29.99}{57}$ | Proceeded to sea with Squadron. |
| H | K | T | | | | | |
| 11 | | | | | | | |
| 12 | 4 | 5 | As Req. | 1.3 | SW ^s | $\frac{29.99}{57}$ | |

| | | | | | | | | |
|----|---|---|-----------------------------------|-----|--------------------|----|--------------------|---------------------------------------|
| 1 | 7 | 0 | As req. | 3.4 | SSW | cm | $\frac{29.88}{57}$ | P.M. |
| 2 | 4 | 5 | NW ^s W ^s W. | | | | | 12-10. H. M. S. Curlew parted Company |
| 3 | 5 | 0 | | | | | | Reduced 20. Revolutions. |
| 4 | 5 | 0 | | | | | | Making and mending clothes |
| 5 | 5 | 2 | | | | | | 4-0-0. Quarters. Floused |
| 6 | 5 | 2 | | | | | | Top gallant masts. |
| 7 | 5 | 0 | — " — | 4.5 | South ^s | cm | $\frac{29.83}{57}$ | Esc ^d fire stations |
| 8 | 5 | 0 | | | | | | |
| 9 | 5 | 0 | | | | | | |
| 10 | 5 | 0 | | | | | | |
| 11 | 5 | 0 | | | | | | |
| 12 | 5 | 0 | — " — | 4.5 | — | cp | $\frac{29.85}{57}$ | 12-0-0. Midnight. |

Friday, February 11th

| | | | | | | | | |
|----|---|---|-----------------------------------|---|-------|----|--------------------|-----------------------------------|
| 1 | 4 | 8 | NW ^s W ^s W. | 4 | S. W. | bc | $\frac{29.82}{61}$ | A.M. |
| 2 | 4 | 8 | | | | | | 9-0-0. Mustered by Divisions. |
| 3 | 4 | 8 | | | | | | Prayers. |
| 4 | 4 | 8 | | | | | | Esc ^d General Quarters |
| 5 | 4 | 8 | | | | | | |
| 6 | 4 | 8 | — " — | 3 | West. | b | $\frac{29.90}{60}$ | 9-40. Increased to 32 Revs |
| 7 | 4 | 8 | | | | | | Esc ^d fleet manoeuvred |
| 8 | 4 | 8 | | | | | | Opened water-tight doors. |
| 9 | 5 | 0 | | | | | | |
| 10 | 7 | 0 | | | | | | |
| 11 | 8 | 0 | | | | | | |
| 12 | 5 | 0 | N E ^s E ^s E | 3 | — | bc | $\frac{29.92}{57}$ | 12-0-0 Noon. |

| | | | | | | | | |
|----|---|---|--|-----|--------------------|----|--------------------|--|
| 1 | 5 | 0 | N E ^s E ^s E 3/4 E. | 1.2 | SW ^s | bc | $\frac{29.91}{60}$ | P.M. |
| 2 | 5 | 0 | | | | | | Monarch & Sultan Parted |
| 3 | 4 | 8 | | | | | | company. |
| 4 | 4 | 8 | | | | | | |
| 5 | 5 | 0 | | | | | | |
| 6 | 5 | 0 | SE ^s E ^s 3/4 E. | 1.2 | — | bc | $\frac{29.90}{57}$ | Altered course to SE ^s E ^s 3/4 E |
| 7 | 5 | 0 | | | | | | |
| 8 | 2 | 5 | | | | | | |
| 9 | 2 | 5 | | | | | | |
| 10 | 2 | 5 | | | | | | Read warrants 928. 929. |
| 11 | 2 | 5 | | | | | | |
| 12 | 4 | 8 | South ^s . | 3 | South ^s | bc | $\frac{29.92}{59}$ | 12-0-0 Midnight |

U. S. M. S. Curlew From Vigo Bay to Ponteredra Bay March 12th 87.

| # | R | T | Course | F | Wind | Wave | Bar Ther | Remarks |
|----|---|---|-------------------------|-----|----------|------|-------------|--------------------------------------|
| 1 | 4 | 0 | South | 2.3 | S. W. | ep | 29.90 57 | A. M. |
| 2 | 4 | 0 | | | | | | altered Course to SW 1/4 S. cleaning |
| 3 | 4 | 0 | | | | | | Ship through out. altered Course |
| 4 | 4 | 0 | | | | | | to E ^o N. |
| 5 | 4 | 0 | | | | | | |
| 6 | 4 | 0 | | | | | | |
| 7 | 4 | 0 | --- | 3 | S. S. W. | bc | 29.90 55 | 10-0-0. Commenced steam |
| 8 | 5 | 0 | | | | | | tactics. |
| 9 | 4 | 0 | | | | | | 11-0-0. Steam ditto. Housed T. 9. |
| 10 | 5 | 5 | | | | | | |
| 11 | 7 | 0 | | | | | | |
| 12 | 6 | 0 | E ^o N 1/2 N. | 3.4 | S. W. | ep | 29.85 61 | masts took open order - |

| | | | | | | | | |
|----|---|---|--------------------------|-----|------------------|----|-------------|--------------------------------|
| 1 | 4 | 0 | E ^o N 1/2 N. | 4.5 | S ^o W | oc | 29.70 52 | P. M. |
| 2 | 4 | 0 | | | | | | 12. 20. Let go and examined |
| 3 | 4 | 0 | | | | | | life buoys. |
| 4 | 4 | 0 | | | | | | cleaning ship as requisite |
| 5 | 5 | 0 | E ^o N 1/2 N. | 4 | S | oc | 29.70 56 | Mustered at Quarters. Watch |
| 6 | 5 | 0 | | | | | | in gibboon. Land observed |
| 7 | 5 | 0 | | | | | | on Starboard bow. |
| 8 | 2 | 8 | | | | | | |
| 9 | 5 | 0 | | | | | | |
| 10 | 8 | 5 | | | | | | |
| 11 | 4 | 0 | S W ^o W 1/2 W | 3 | S. W. | bc | 29.77 54 | Alt. Co. to W 1/2 S. Midnight. |
| 12 | 4 | 8 | | | | | | |

Sunday 13th

| | | | | | | | | |
|----|---|---|--------------------------|-----|------------------|----|-------------|---|
| 1 | 5 | 0 | S W ^o W 1/2 W | 1.2 | West | bc | 29.75 56 | A. M. |
| 2 | 5 | 0 | | | | | | altered Course to N & 1/2 E. Land |
| 3 | 5 | 0 | | | | | | right ahead. |
| 4 | 2 | 5 | | | | | | |
| 5 | 5 | 0 | | | | | | |
| 6 | 5 | 0 | --- | 1.2 | --- | bc | 29.70 55 | Out of gibboon. Crossed T. 9. 4 th |
| 7 | 5 | 0 | | | | | | |
| 8 | 5 | 0 | | | | | | |
| 9 | 5 | 2 | | | | | | Increased to 26. revolutions |
| 10 | 7 | 0 | | | | | | Divisions. Prayers. Divine Service |
| 11 | 5 | 0 | | | | | | |
| 12 | 3 | 2 | as req. | 3 | W ^o S | bc | 29.75 56 | 12-0-0. noon. |

| | | | | | |
|---------------|---|------|----|-------------|--------------------------|
| As. | 3 | W. | bc | 29.71 56 | P. M. |
| Single | | | | | Sailed U. S. Curlew. for |
| Anchor | 1 | W. | oc | 29.67 55 | Aros-a Bay. |
| in Ponteredra | | | | | Mustered at Quarters. |
| Bay. | 0 | Calm | oc | 29.65 54 | Divine Service Employed |
| | | | | | as requisite - midnight |

H. H. S. Minotaur in Pontevedia Bay. March 14th Monday.

| Course | F | Wind | Wca | Bar Ther | Remarks |
|-------------------------------------|-----|------|------|--------------------|--|
| At single anchor in Pontevedia Bay. | 0 | Calm | scm | $\frac{29.60}{52}$ | Am. Crossed Royal yards. Divisions Prayers. Prepared for action aloft. |
| | 3.4 | E. | bcy | $\frac{29.57}{56}$ | Crossed Royal yds PM. Quarters. |
| | 4.5 | ENE | ocpy | $\frac{29.56}{45}$ | Down T. G. masts. Rove anchor gear. |

Tuesday March 15th

| | | | | | |
|-------------------------------------|-----|-----|------|-----------------------|--|
| At Single Anchor in Pontevedia Bay. | 4.7 | NE | ocpy | $\frac{29.50}{48.58}$ | Am Mustered by Divisions Read Prayers. |
| | 6.8 | ENE | bcy | $\frac{29.35}{47}$ | Read stations for Out sheet anchor. PM. Employed as requisite. Struck Lower yards & Top masts |
| | 7.9 | --- | --- | $\frac{29.60}{49}$ | Mustered as Quarters. |

Wednesday March 16th

| | | | | | |
|--------------------|---|------|----|--------------------|---|
| In Pontevedia Bay. | 1 | East | bc | $\frac{30.01}{53}$ | PM. Divisions. Read Prayers 11- ³⁰ In Lower booms. |
| | 0 | Calm | bc | $\frac{30.12}{57}$ | Weighed Starboard anchor and proceeded to Sea with squadron. |
| | 2 | SE | bc | $\frac{30.14}{56}$ | 4-30 Quarters. Came to with Port anchor & Shackles. |

PH T

| | |
|----|--------------|
| 11 | 25 |
| 12 | 40 |
| 1 | 40 |
| 2 | 25 |
| 3 | 38 |
| 4 | As requisite |

In Arosa Bay

Thursday March 17th

| | | | | | |
|--------------------------------|---|----|----|--------------------|--|
| At Single Anchor in Arosa Bay. | 1 | NE | oc | $\frac{29.99}{48}$ | Am Mustered by Divisions Read Prayers. Hauled and unbent sails |
| | 2 | NE | bc | $\frac{29.97}{44}$ | Lapidoe men employed fitting E. C mires. PM Hands employed as requisite Mustered at Quarters |
| | 1 | NE | bc | $\frac{29.99}{50}$ | Employed running E. C mires |

| U. S. "Minstaur" at Arosa Bay | | | | | Thursday 18 th March. |
|--------------------------------|-----|----------------------|------|--------------------|---|
| Course | F | Wind | Wear | Bar Ther | Remarks |
| Anchored in Arosa Bay. | 6 | E N E | bcg | $\frac{29.89}{44}$ | <u>A.M.</u> Mustered by Divisions Read Prayers Torpedoe men employed fitting countermines Launch exercised general Quarters. |
| | 5.6 | — | bcg | $\frac{29.89}{43}$ | <u>P.M.</u> Torpedoe employed fitting Counter mines. 12 — — — midnight |
| | 7 | — | bc | $\frac{29.92}{40}$ | |
| Friday March 19 th | | | | | |
| Anchored in Arosa Bay. | 3 | E N E | bc | $\frac{29.90}{43}$ | <u>A.M.</u> Hands employed cleaning ship throughout. Scrubbed canvas gear Torpedoe ^{men} away recovering countermines. Divers diving for lost sentries. |
| | 3 | E E | bc | $\frac{29.98}{48}$ | <u>P.M.</u> Divers returned on board Quarters Rec ^d fresh Victuals. |
| | 1 | E ^r Arosa | bc | $\frac{30.07}{80}$ | |
| Sunday March 20 th | | | | | |
| Anchored in Arosa Bay | 1 | E E | bc | $\frac{29.85}{40}$ | <u>A.M.</u> Mustered by Divisions Performed Divine Service Hands employed as requisite |
| | 1 | E E | bc | $\frac{29.89}{49}$ | <u>P.M.</u> Performed Divine Service Mustered at Quarters 12 — — — midnight |
| | 1.2 | S W ^e | oc | $\frac{29.86}{47}$ | |
| Monday 21 st March. | | | | | |
| Anchored in Arosa Bay | 2 | S S E | ocp | $\frac{29.86}{42}$ | <u>A.M.</u> Mustered by Divisions Read Prayers. Read stations for Bend Sails & Bend Sails |
| | 2.3 | S S E | ocp | $\frac{29.80}{44}$ | <u>P.M.</u> In Launch & Steam pinnace Mustered at Quarters 12 — — — midnight |
| | 7 | S S W | oc | $\frac{29.86}{44}$ | |

Lt. M. S. Minstam Arosa Bay March 22nd 1887.

| Place | Y | Wind | Sea | Ba Fm | Remarks |
|-----------------------------|---|-----------------|-----|--------------------|---|
| Anchored in Arosa Bay | 3 | SW | bc | $\frac{20.33}{57}$ | <u>Am</u> Mustered at Divisions Read Prayers. Cut launch & Steam Pinnace Crossed 7.5 Yards |
| | 2 | SW ^s | bc | $\frac{30.50}{70}$ | <u>Pm</u> In Steam pinnace & Launch. |
| | 5 | SW | bc | $\frac{30.10}{60}$ | Quarters. 12-0-0 Mudstet |

Wednesday March 23rd

| | | | | | |
|-----------------------------|-----|-----------------|----|--------------------|--|
| Anchored in Arosa Bay | 6.8 | SSW | bc | $\frac{30.02}{57}$ | <u>A.M.</u> Mustered by Divisions Carpenters employed repairing Meas tables & stools. |
| | 4 | SW ^w | bc | $\frac{30.04}{57}$ | <u>P.M.</u> 4-0. Mustered at Quarters |
| | 4 | SW ^w | bc | $\frac{30.07}{57}$ | All lower water tight doors Cl ^s |

Thursday March 24th

| | | | | | |
|-----------------------------|-----|-----------------|-----|--------------------|---|
| Anchored in Arosa Bay | 2 | SW ^s | opd | $\frac{30.06}{70}$ | <u>Am</u> 9-5. Mustered by Divisions Read Prayers Inspected arms |
| | 3 | --- | bc | $\frac{30.16}{70}$ | Sailmakers repairing Coaling screens <u>P.M.</u> |
| | 2.6 | --- | ocp | $\frac{30.00}{57}$ | 4-0. Mustered at Quarters |

Friday March 25th

| | | | | | |
|-----------------------------|-----|-----------------|----|--------------------|---|
| Anchored in Arosa Bay | 2.5 | NE ^s | bc | $\frac{30.20}{50}$ | <u>Am</u> 6-55. On Steamy covers 8-0 Crossed Roy at 7 th Bent sails 9-10. Mustered by Divisions |
| | 2.3 | --- | bc | $\frac{30.30}{40}$ | Read Prayers 10-0 Sighted in the shackles 11-0 In Picket Boat |
| | 2.0 | --- | bc | $\frac{30.35}{70}$ | 11-15 Weighed & proceeded |

HRT

11 - - as requisite

12 3 0

H. M. S. "Minstrel" From Orosa Bay to Lisbon Friday March 25th

| HKT | Course | 7 | Wind | Wka | Bar Fhrs | Remarks |
|------|-------------------|---|------|-----|-------------|--|
| 170 | As Requeste | 4 | NE | bc | 30.27 | PM |
| 260 | SW ² W | | | | 56 | 1-0. Stopped on account of hot bearing |
| 370 | --- | | | | | 1-20 Proceeded 20 Revolutions |
| 472 | --- | | | | | 2-0 Made Plain sail |
| 570 | --- | | | | | 4-0 Mustered at Q marters |
| 600 | --- | 4 | NE | bc | 30.28 | Exercised man & arm ship |
| 700 | --- | | | | 55 | Reef top sails one reef. |
| 800 | --- | | | | | In Royals. |
| 970 | --- | 4 | NE | bc | 30.28 | |
| 1070 | --- | | | | 55 | |
| 1170 | --- | | | | | |
| 1270 | --- | 4 | NE | bc | 30.28 | |
| | --- | | | | 55 | |

Saturday March 26th

| | | | | | | |
|------|---|-----|------|---|-------|-----------------------------------|
| 100 | SW ² S ¹ / ₄ S | 1.3 | NE | l | 30.28 | AM |
| 200 | | | | | 54 | 6-0 Reef sails |
| 300 | | | | | | 7-30. Exercised Fire Quarters |
| 470 | | | | | | 8-15. Set fore sail |
| 570 | | | | | | 9-45. Increased to 30 Revolutions |
| 670 | S ³ / ₄ W ² | 2.3 | East | l | 30.29 | 10-30. Made Plain sail |
| 770 | | | | | 56 | Set fore & aft sails |
| 870 | | | | | | 11-0 Observed land on Port Bow |
| 970 | | | | | | |
| 1070 | S ¹ / ₂ W | 2.3 | East | l | 30.30 | 11-45 Braced up. |
| 1100 | | | | | 56 | |

| | | | | | | |
|-----|---|---|----|---|-------|-----------------------------------|
| 100 | S ¹ / ₂ W | 2 | NE | l | 30.20 | PM |
| 200 | S ¹ / ₄ E E ¹ / ₂ | | | | 70 | Employed cleaning ship |
| 300 | S ³ / ₄ W S ¹ / ₂ | | | | | 4-0. Mustered at Q marters |
| 400 | --- | | | | | 5-0. Shortened and furled |
| 500 | --- | | | | | sails |
| 600 | --- | 2 | NE | l | 30.16 | 6-25. Stopped engines |
| 742 | As opposite | | | | 59 | 6-30. Let go 5' star anchor in 11 |
| | anchored | | | | | Bathrooms |
| | in Cascaes Bay | 2 | NE | l | 30.18 | Veered to 8 shackles. |
| | | | | | 59 | |

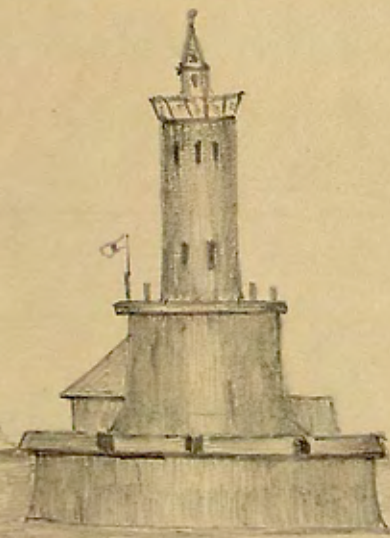
Sunday 27th

| | | | | | | |
|-----|-------------------------|-----|------|---|-------|------------------------------------|
| | Anchored in Cascaes Bay | 3 | East | l | 30.10 | AM |
| | | | | | 56 | 7-30. Rove anchor gear |
| | | | | | | 9-30 Mustered by Divisions |
| | | | | | | 10-0 Reformed Divine Service |
| | | | | | | H. M. S. Curlew anchored |
| HKT | As Requeste | 3 | --- | l | 30.10 | PM |
| 365 | --- | | | | 57 | 1-35 Curlew weighed & Proceeded |
| 465 | --- | | | | | 1-50 Shortened in to 3 Shackles |
| 535 | --- | | | | | 2-15 Weighed & proceeded 20 Revs. |
| | Moved in Tarso | 2.3 | --- | l | 30.10 | 4-45. Stopped. Let go B. Bm 20 fms |
| | | | | | 55 | moored ship |

10 01

to 20 0. BLACK OIL

Bugio Fort + light
mouth of Tagus



JLFL

H. M. S. Minstaur at Lis bon Lu Monday 28th March 1886

| Position | F | Wind | Wear | Bas Thu | Remarks |
|---------------------------|-----|------|------|--------------------|---|
| Moored in the Tagus | 2-3 | C | EVE | $\frac{29.96}{49}$ | A.M. 6-30. Cut steam pinnace } Lit fire 7-10. Cut Picket-Boat } Coal Lighters came alongside |
| | 3 | oe | E | $\frac{29.96}{48}$ | 7-35. Commenced coaling |
| | 4 | oe | NE | $\frac{29.82}{49}$ | P.M. 2-0. Finished coaling Rec ^d 268 tons Employed cleaning ship throughout |

Tuesday March 29th

| | | | | | |
|---------------------------|---|----|----|--------------------|---|
| Moored in the Tagus | 2 | SE | oe | $\frac{29.80}{49}$ | A.M. 8-0. Tide 3 1/2 knots Employed cleaning ship Blacksmiths making ladders |
| | 1 | -- | oe | $\frac{29.82}{62}$ | P.M. Employed cleaning ship |
| | 2 | -- | oe | $\frac{29.70}{49}$ | 4-10. Down Top Sallant-Masts Washed clothes |

Wednesday March 30th

| | | | | | |
|---------------------------|---|------|----|--------------------|--|
| Moored in the Tagus | 0 | Calm | oe | $\frac{29.73}{57}$ | A.M. 9-0. Mustered by Divisions 9-30 Crossed Royal Y ^d . Loosed sails |
| | 1 | SE | -- | $\frac{29.82}{49}$ | 11-30 Furlled sails |
| | 0 | Calm | -- | $\frac{29.83}{48}$ | P.M. 1-30 Cut fire engine Gave general leave to Starboard Watch Down Royal Y ^d |

Thursday March 31st

| | | | | | |
|---------------------------|---|------|----|--------------------|---|
| Moored in the Tagus | 1 | NE | oe | $\frac{29.95}{55}$ | A.M. Mustered by Divisions Read Prayers |
| | 2 | East | oe | $\frac{30.04}{47}$ | American visited ship P.M. Mustered at Quarters |
| | 1 | West | -- | $\frac{30.00}{65}$ | 6-5. German Frigate "Nien" anchored |

M. M. S. "Minstari" at Lisbon Friday March 1st 1886

| Position | F | Wind | Wey | Bar Ther | Remarks. |
|---------------------------|-----|------|-----|--------------------|--|
| Moored in the Tagus | 0 | Calm | bc | $\frac{29.86}{57}$ | A.M. 9.5. Mustered by Divisions Read Prayers. |
| | 3 | NW | -- | $\frac{29.80}{58}$ | 9-30 Exercised at General Quarters P.M. Mustered at Quarters |
| | 1-2 | -- | -- | $\frac{29.73}{57}$ | Washed clothes. |

Saturday March 2nd

| | | | | | |
|---------------------------|-----|------|----|--------------------|---|
| Moored in the Tagus | 2 | West | bc | $\frac{29.71}{57}$ | A.M. Employed cleaning ship 10-0. Dressed ship in honor of Portuguese Festival |
| | 4-5 | EIVE | -- | $\frac{29.73}{49}$ | P.M. 4-0. Mustered at Quarters |
| | 2 | NE | -- | $\frac{29.76}{57}$ | Put Lower W. T. doors closed. |

Sunday April 3rd

| | | | | | |
|-----------------------|---|------|----|--------------------|--|
| Moored in Tagus | 2 | East | bc | $\frac{29.69}{59}$ | A.M. Landed church Parties Mustered by Divisions Performed Divine Service |
| | 2 | -- | -- | $\frac{29.77}{61}$ | P.M. Mustered at Quarters Divine Service |
| | 0 | Calm | -- | $\frac{29.77}{56}$ | 12-0-0 midnight |

Monday April 4th

| | | | | | |
|-----------------------|-----|------|----|--------------------|--|
| Moored in Tagus | 0 | Calm | bc | $\frac{29.76}{58}$ | A.M. Crossed Royal Yards. Mustered by Divisions |
| | 3-4 | West | bc | $\frac{29.82}{57}$ | P.M. Shifted Top Gallant masts Dress fires in Steam Barge Quarters Down Top Gallant masts |
| | 1-2 | NW | bc | $\frac{29.94}{56}$ | Rove top tackle pendant & falls & gear |

U. S. S. "Minotaur" at Lisbon Tuesday April 5th, 1887

| Position | Yce | Wind | Wear | Bar Ther | Remarks. |
|-----------------------|-----|-------|------|--------------------|---|
| Moored in Yagus | 1.3 | N.W | bc | $\frac{29.96}{54}$ | A. M. Crossed Royal Yards. Up Lower yards |
| | 3.4 | N.W | --- | $\frac{30.07}{54}$ | Mustered by Divisions. Read Prayers P. M. Mustered at Quarters Down Tgt. masts |
| | 3.4 | North | --- | $\frac{30.07}{49}$ | Gave special leave to Starboard Watch |

Wednesday April 6th

| | | | | | |
|-----------------------|-----|-------|-----|--------------------|---|
| Moored in Yagus | 1.2 | North | bc | $\frac{29.99}{48}$ | A. M. Crossed Royal Yards Mustered by Divisions. Read Prayers |
| | 2.3 | --- | --- | $\frac{29.98}{57}$ | Loosed Sails P. M. Swung to ebb Down Tgt masts |
| | 4 | --- | --- | $\frac{29.95}{49}$ | Quarters Midnight |

Thursday April 7th

| | | | | | |
|-----------------------|-----|--------|-----|--------------------|---|
| Moored in Yagus | 1 | E. Air | bc | $\frac{29.92}{45}$ | A. M. Crossed Royal Yards Mustered by Divisions Prayers Loosed Sails |
| | 2.3 | N.W | --- | $\frac{30.00}{64}$ | P. M. Hands employed making & mending clothes |
| | 0 | Calm | --- | $\frac{29.95}{57}$ | Down Royal Yards. Midnight |

Friday April 8th

| | | | | | |
|-----------------------|-----|------|-----|--------------------|--|
| Moored in Yagus | 0 | Calm | bc | $\frac{29.98}{52}$ | A. M. Mustered by Divisions Performed Divine Service |
| | 1.2 | N.W | --- | $\frac{29.94}{64}$ | P. M. 12-0-0 Noon Mustered at Quarters Performed Divine Service |
| | 1 | N.W | --- | $\frac{29.95}{60}$ | Tide running 4.5 knots. 12-0-0 Midnight |

H. M. S. Minstanz

Moved off Lisbon

Saturday 9th 1887

| H. M. S. | Course | Fca | Wind | Wca | Wca Fca | Remarks |
|----------|--------|-----|-------|-----|-------------|--|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | Moved | | | | | |
| 6 | off | 1 | South | bc | 29.91 53 | Am. Mustered by Divisions Read Prayers In boats. Unmoored |
| 7 | | | | | | |
| 8 | Lisbon | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | 1 | " | bc | 19.96 54 | 12-0-0. Noon. |

| | | | | | | |
|----|--------|---|----------------------------------|----|-------------|---------------------------------------|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | 1 | bc | bc | 29.90 55 | P. M. |
| 4 | equise | | | | | 1-15. Crossed Royal yards |
| 5 | WSW | | | | | 1-30. Weighed and proceeded to sea |
| 6 | | 2 | S' | bc | 29.89 56 | Single column line ahead |
| 7 | | | | | | Saluted Portuguese Flag. |
| 8 | | | | | | 4-0. Quarters. |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | 3 | SW ¹ / ₂ W | bc | 19.87 57 | 12-0-0. Midnight. |
| 12 | | | | | | |

Sunday 10th April

| | | | | | | |
|----|----------------------------------|----|-----|---|-------------|----------------------------------|
| 1 | | | | | | |
| 2 | WSW | | | | | |
| 3 | | bc | WSW | 2 | 29.79 59 | A. M. |
| 4 | | | | | | Mustered by Divisions. Performed |
| 5 | | | | | | |
| 6 | SW ¹ / ₂ W | bc | " | " | 29.87 56 | Divine Service. Administered |
| 7 | | | | | | Sacrament Formed Divisions |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | Starboard quarter line. Columns |
| 11 | WSW | bc | " | " | 29.90 56 | disposed ahead to Port. |
| 12 | | | | | | |

| | | | | | | |
|----|----------------------------------|----|-----|-----|-------------|--|
| 1 | | | | | | |
| 2 | SW ¹ / ₂ W | bc | WSW | 3 | 29.91 56 | P. M. |
| 3 | | | | | | Altered Course to SW ¹ / ₂ W |
| 4 | | | | | | Mustered at Quarters Formed |
| 5 | | | | | | |
| 6 | " | bc | " | 2.3 | 29.95 55 | Columns of divisions in line |
| 7 | | | | | | ahead. Flowed Top of all out |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | mast. Performed Divine Service |
| 11 | | | | | | |
| 12 | SW ¹ / ₂ W | bc | " | 4 | 29.95 57 | 12-0-0. Midnight. |

U. S. "Minotaur"

From Lisbon to Madeira

Wednesday 18th 1887

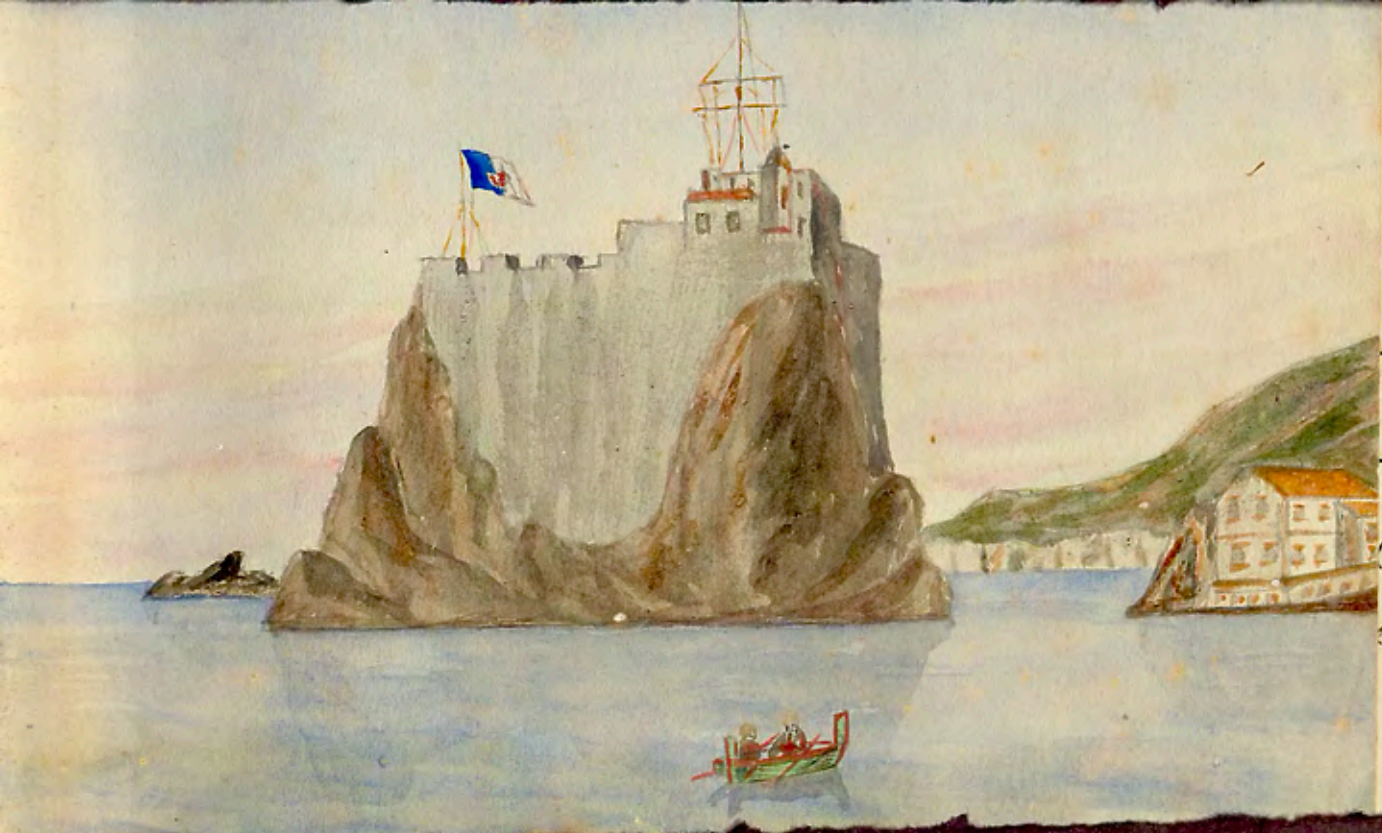
| H | M | Course | F ²⁰ | Wind | Wear | Bar ther | Remarks |
|----|----|--|-----------------|------|------|--------------------|--|
| 1 | 55 | W ² S ¹ / ₂ S | 1 | W SW | bc | $\frac{30.12}{61}$ | A. M. |
| 2 | 55 | | | | | | Mustered by Divisions. Read Prayers |
| 3 | 55 | | | | | | |
| 4 | 55 | | | | | | |
| 5 | 55 | | | | | | |
| 6 | 55 | Fleet spread for torpedo practice | | | | | |
| 7 | 55 | --- | 3 | SW | bc | $\frac{30.20}{60}$ | Stopped to lower Despatch boat & |
| 8 | 55 | | | | | | Whaler. Proceeded as req ^d for practice |
| 9 | 55 | | | | | | |
| 10 | 55 | as requisite | 1 | --- | bc | $\frac{30.12}{65}$ | |
| 11 | 55 | for | | | | | |
| 12 | 55 | torpedo practice | | | | | |

| | | | | | | | |
|----|----|--|---|-----|-----|--------------------|--|
| 1 | 55 | as | 1 | SW | bc | $\frac{30.22}{64}$ | P. M. |
| 2 | 55 | requisite | | | | | |
| 3 | 55 | for | 1 | --- | --- | $\frac{30.22}{65}$ | Exercised firing 9 th boats gun & field |
| 4 | 55 | shot practice | | | | | |
| 5 | 15 | W ² S ¹ / ₂ S | | | | | |
| 6 | 40 | SW. | | | | | |
| 7 | 55 | | | | | | |
| 8 | 55 | at Quarters. Stopped engines. Hand | | | | | |
| 9 | 55 | --- | 1 | --- | --- | $\frac{30.20}{64}$ | Bathed. Proceeded to Revs. Sighted land |
| 10 | 55 | | | | | | |
| 11 | 55 | | | | | | |
| 12 | 55 | --- | | | | | |

Thursday April 14th

| | | | | | | | | |
|----|----|--|---|------|-----|--------------------|---|----------------------------|
| 1 | 55 | SW. | 2 | WNW | bc | $\frac{30.11}{65}$ | A. M. | |
| 2 | 55 | W ¹ / ₂ N ¹ / ₂ W. | | | | | | |
| 3 | 55 | E. S | 1 | --- | --- | $\frac{30.15}{65}$ | Altered Course to E ² / ₂ S Mustered by | |
| 4 | 55 | | | | | | | Divisions. Inspected arms. |
| 5 | 55 | | | | | | | |
| 6 | 55 | | | | | | | |
| 7 | 52 | | | | | | | |
| 8 | 52 | | | | | | | |
| 9 | 55 | W ¹ / ₂ S | 1 | W SW | --- | $\frac{30.17}{65}$ | Read Prayers. Small arm | |
| 10 | 60 | | | | | | | |
| 11 | 55 | --- | 0 | Calm | --- | $\frac{30.18}{62}$ | Companies. Increased to 32 Revs. | |
| 12 | 55 | | | | | | | |

| | | | | | | | |
|----|----|---|--------------|------|-----|--------------------|---|
| 1 | 55 | W ¹ / ₂ S | 1 | W SW | bc | $\frac{30.17}{65}$ | P. M. |
| 2 | 85 | NW ¹ / ₂ N ¹ / ₂ W. | | | | | |
| 3 | 85 | | as requisite | | | | |
| 4 | 80 | | | | | | |
| 5 | 70 | | | | | | |
| 6 | 80 | | | | | | |
| 7 | 80 | at | | | | | |
| 8 | 80 | Anchor | 1.3 | --- | --- | $\frac{30.13}{65}$ | Quarters. Shifted T. & masts mended. |
| 9 | 80 | in | | | | | |
| 10 | 80 | Funchal Roads | 0 | Calm | --- | $\frac{30.18}{62}$ | of sails. Came to in 20 ¹ / ₂ Saluted 21 guns |
| 11 | 80 | --- | | | | | |
| 12 | 80 | --- | | | | | |



U. S. S. "Minotaur" at single anchor in Lanchal Roads Friday 15th 1887.

| Position | 7 th | Wind | Wca | Bar Ther | Remarks. |
|---|-----------------|------|-----|--------------------|--|
| at single anchor in Lanchal Roads. | 0 | Calm | bc | $\frac{30.16}{60}$ | Am. Loosed sails. Mustered by Divisions |
| | 0 | --- | --- | $\frac{30.21}{64}$ | Read Prayers. Exercised at General Q ^{rt} |
| | 0 | --- | --- | $\frac{30.22}{63}$ | PM. Mustered at Quarters. Spits company bathed washed clothes. |

Saturday 16th

| | | | | | |
|--|-----|------|-----|--------------------|---|
| at single anchor in Lanchal Roads | 0 | Calm | bc | $\frac{30.17}{64}$ | Am. Employed cleaning ship throughout |
| | --- | --- | bc | $\frac{30.21}{60}$ | Saluted Governor & Civil Governor |
| | --- | --- | --- | $\frac{30.20}{65}$ | PM. Mended fuel of sails. Mustered at Quarters. Hands bathed. |

Monday April 17th

| | | | | | |
|--|-----|-------|-----|--------------------|---|
| at single anchor in Lanchal Roads | 1 | North | bc | $\frac{30.17}{59}$ | Am. Landed church parties. Mustered by Division. Performed Divine Service |
| | 0 | Calm | --- | $\frac{30.18}{67}$ | PM Gave special leave to Starboard watch Quarters |
| | --- | --- | --- | $\frac{30.12}{59}$ | |

Tuesday April 18th

| | | | | | |
|--|---|-------|-----|--------------------|--|
| at single anchor in Lanchal Roads | 1 | North | bc | $\frac{30.05}{64}$ | Am. Crossed Royal Yards. Mus ^d by Div. Read prayers. Shifted fore topmast |
| | 1 | West | --- | $\frac{30.12}{66}$ | PM Crossed Royal Yards. Quarters |
| | 0 | Calm | --- | $\frac{30.12}{61}$ | Down Royal Y ^d . Hands bathed |

U. S. "Minotaur" in Funchal Roads Madeira April 19th 1887.

| Position | # | Wind | Wear | Bar Ther | Remarks |
|--|-----|-------|------|--------------------|---|
| at Single anchor in Funchal Roads | 1 | North | bc | $\frac{30.11}{58}$ | Am Crossed Royal yards Mustered by Sir ^s Read Prayers Inspected arms |
| | 1.2 | WSW | bc | $\frac{30.16}{59}$ | PM Firing Whitehead torpedoes |
| | 2.4 | East | bcg | $\frac{30.10}{61}$ | Quarters. Hands to Bathe |

Wednesday April 20th

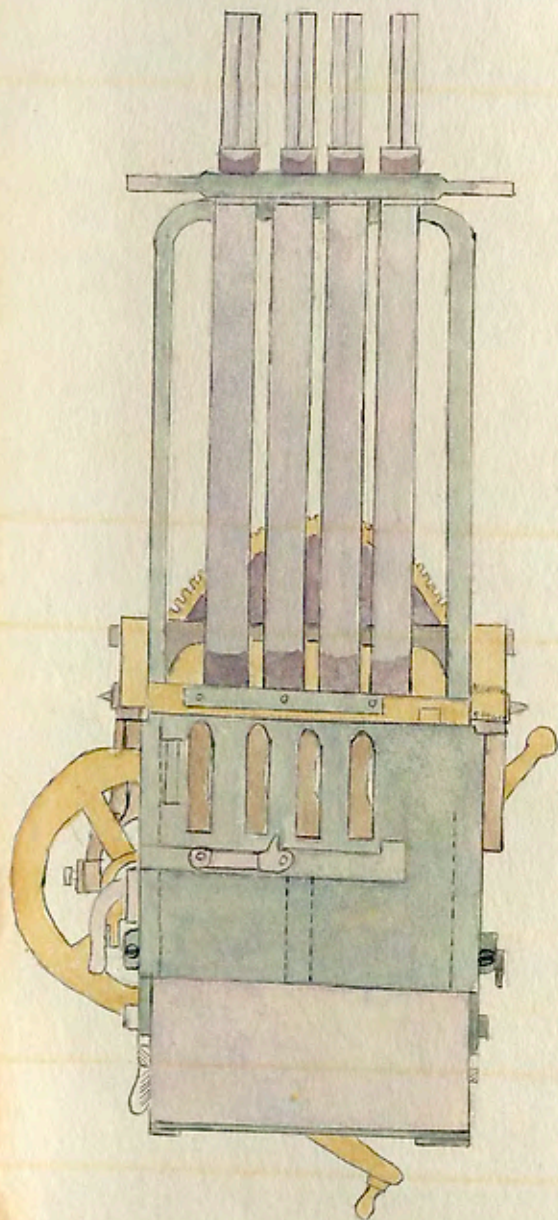
| | | | | | |
|--|---|-----------------|-----|--------------------|--|
| at Single anchor in Funchal Roads | 1 | North | bc | $\frac{30.10}{58}$ | Am Crossed Royal Yards But Kedge anchor. Preparing for dance |
| | 1 | SW ¹ | --- | $\frac{30.25}{60}$ | PM Employed Piggery Ball Room Unrigged ditto. |
| | 1 | West | --- | $\frac{30.26}{60}$ | |

Thursday 21st

| | | | | | |
|--|---|-----------------|-----|--------------------|--|
| at Single anchor in Funchal Roads | 1 | North | bc | $\frac{30.20}{60}$ | Am Mustered by Surzions. Read Prayers Inspected arm. Read Warrant N ^o 957 |
| | 1 | SE ¹ | --- | $\frac{30.25}{66}$ | PM Quarters. Hands to bathe Preparing for sea. |
| | 0 | Calm | --- | $\frac{30.21}{60}$ | |

Friday 22nd

| | | | | | |
|--|---|---------------------|-----|--------------------|---|
| at Single anchor in Funchal Roads | 0 | Calm | bc | $\frac{30.07}{60}$ | Am Arrive Mail S. S. "Mexican". Surzions Read Prayers Loc ^l General & Quarters |
| | 1 | SE ¹ Air | --- | $\frac{30.05}{66}$ | PM Quarters. Hands to bathe Preparing for sea. |
| | 0 | Calm | --- | $\frac{29.15}{59}$ | |



H. M. S. "Mirdan" in Lanchal Roads Madeira

April 23rd 1887

| Position | F | Wind | Wen | Bar Ther | Remarks |
|--|-----|------------------|-----|--------------------|---|
| at single anchor in Lanchal Roads | 1 | SW $\frac{1}{2}$ | bc | $\frac{29.90}{62}$ | <u>Am.</u> Cleaning ship throughout. |
| | 1 | — | — | $\frac{29.88}{63}$ | Shortened in to 5 shackles Weighed and proceeded with Squadron. Noon. 28 Revs |
| 12.40. S.E. | 1.2 | — | — | $\frac{29.88}{74}$ | |

P.T. Course.

| | | | | | | |
|--|-------------------|---|------|----|--------------------|---|
| 6 6 6 6 6 5 5 5 5 5 | E $\frac{1}{4}$ N | 1 | hath | bc | $\frac{29.89}{69}$ | <u>P.M.</u> 12-0 altered Course to E $\frac{1}{4}$ N. Employed |
| 6 6 6 5 5 5 5 5 | — " — | 1 | hc. | — | $\frac{29.93}{65}$ | cleaning ship throughout. Mustered at Quarters. Port Santo. N 25° W. Reduced 24 Revs |
| 5 8. | — " — | 1 | — | — | $\frac{29.94}{65}$ | 6-50. Down Royal Yards. As. Requisite |

Sunday April 24th

| | | | | | | |
|--|--------------------|-----|------|----|--------------------|--|
| 5 5 5 5 5 5 5 5 5 5 | E $\frac{1}{4}$ N. | 2 | ENE | bc | $\frac{29.95}{65}$ | <u>Am.</u> 4-0. Cherub Log showed 90.5 miles. Water con- aining in ship 124 tons. 8-0. Cherub 112. miles |
| 5 2 2 2 0 0 0 0 | — " — | 4 | NE | — | $\frac{30.04}{64}$ | 9-5. Mustered by Divisions. Performed Divine Service. Cherub Log showed 129 1/2. |
| 5 5 5 5 5 5 5 5 | E $\frac{1}{4}$ N | 1.2 | East | — | $\frac{30.09}{65}$ | |

| | | | | | | |
|--|-------------------|-----|-------------------|----|--------------------|--|
| 5 5 5 5 5 5 5 5 5 5 | E $\frac{1}{4}$ N | 1.2 | East | bc | $\frac{30.14}{65}$ | <u>P.M.</u> 40 Cherub Log showed 20.3 miles Mustered at Quarters. Performed Divine Service |
| 5 5 5 5 5 5 5 5 | — " — | 2 | E $\frac{1}{2}$ N | — | $\frac{30.15}{60}$ | 8-0. Cherub Log 31 miles run Midnight Cherub showed 59.4 mil |
| 5 5 5 5 5 5 5 5 | E $\frac{1}{4}$ N | 2.3 | — | — | $\frac{30.20}{62}$ | |

U. S. "Mountain" Madeira to Gibraltar. Monday 25th 1887.

| H | K | I | Course. | F | Wind | Wear | Bar Ther. | Remarks. |
|----|---|---|-------------------|-----|------|--------------------|--------------------|--|
| 1 | 5 | 5 | E $\frac{1}{4}$ N | 3 | NE | bc | $\frac{30.20}{62}$ | 9. M |
| 2 | 5 | Mustered by Surgeons. Read Prayers | | | | | | |
| 3 | 5 | | | | | | | |
| 4 | 5 | | | | | | | |
| 5 | 0 | | | | | | | |
| 6 | 0 | | | | | | | |
| 7 | 0 | | | | | | | Read & Exc ^d Stations 9.30. Increased |
| 8 | 2 | | | | | | | |
| 9 | 2 | 34. Revs Commenced Steam tactics | | | | | | |
| 10 | 2 | | | | | | | |
| 11 | 4 | 12.0. Finished Do. Red ^d 14. Flut Spread | | | | | | |
| 12 | 0 | | | | | | | |
| | | as requisite for Steam tactics | 3 | --- | --- | $\frac{30.30}{65}$ | | |

| | | | | | | | | |
|----|---|---|-------------------|-----|-----|-----|--------------------|--|
| 1 | 4 | 0 | NE ^o E | 1.2 | NE | bc | --- | PM |
| 2 | 0 | | requisite for | | | | | 12.45. Stopped. 1.0. Proceeded 1.30 Exc ^d |
| 3 | | | Quarters firing | | | | | General Quarters firing shot & shell |
| 4 | 2 | 5 | E $\frac{1}{4}$ N | 3 | NE | --- | $\frac{30.04}{61}$ | at a target 4.0. Finished do. Proceeded |
| 5 | 3 | 5 | E $\frac{1}{2}$ S | | | | | |
| 6 | 6 | 5 | | | | | | |
| 7 | 6 | 5 | | | | | | |
| 8 | 6 | 5 | | | | | | 12 Revs Quarters & Squadron closed |
| 9 | 6 | 5 | | | | | | |
| 10 | 6 | 5 | | | | | | |
| 11 | 6 | 5 | | | | | | |
| 12 | 6 | 5 | --- | --- | --- | | $\frac{30.33}{64}$ | |

Tuesday 26th

| | | | | | | | | |
|----|---|---|------|-----|------|----|--------------------|---|
| 1 | 6 | 5 | East | 2.3 | East | bc | $\frac{30.29}{65}$ | AM |
| 2 | 6 | 5 | | | | | | Altered Co. to East. In Fore & Aft sails |
| 3 | 6 | 5 | | | | | | Increased to 32 Revs. 5.0. Braced up Set for |
| 4 | 6 | 5 | | | | | | sails. Divisions Prayers In J & A sails |
| 5 | 6 | 5 | | | | | | Squared 9 th Exc ^d Steam tactics Finished |
| 6 | 7 | 5 | --- | --- | --- | | $\frac{20.13}{61}$ | |
| 7 | 7 | 5 | | | | | | |
| 8 | 7 | 5 | | | | | | |
| 9 | 7 | 5 | | | | | | |
| 10 | 7 | 5 | | | | | | |
| 11 | 6 | 0 | | | | | | |
| 12 | 7 | 5 | --- | 2 | E NE | bc | $\frac{30.30}{61}$ | |

| | | | | | | | | |
|----|---|---|--------------------------------------|-----|------|-----|--------------------|--|
| 1 | 7 | 5 | East | 2 | E NE | bc | $\frac{30.25}{62}$ | PM |
| 2 | 7 | 5 | | | | | | Exc ^d Steam tactics 4.15. Finished do |
| 3 | 7 | 5 | | | | | | |
| 4 | 7 | 0 | | | | | | |
| 5 | 6 | 0 | as requisite for Steam tactics | 3.4 | --- | --- | $\frac{30.24}{62}$ | Mustered at Quarters. Shifted T. 9 |
| 6 | 0 | | | | | | | |
| 7 | 0 | | | | | | | |
| 8 | 0 | | | | | | | |
| 9 | 0 | | | | | | | Must. Increased to 34 Revs. Shifted |
| 10 | 0 | | | | | | | Gibbons & T. 9. twice down jib Set do |
| 11 | 0 | | | | | | | |
| 12 | 0 | | East | 2 | NE | bc | $\frac{30.22}{65}$ | |

H. M. S. "Minstrel" at Gibraltar

Wednesday 27th April 1887

| Position | F | Wind | Wear | Bar Ther | Remarks |
|------------------------------------|-----|------|------|--------------------|--|
| Lashed alongside New Mole | 3.4 | East | b | $\frac{30.15}{65}$ | A.M. In Fore & aft sails Flashed T. & masts surround. Hands mustered by open |
| | 6.7 | " | bc | $\frac{30.20}{64}$ | List for Admirals inspection. Issued Slops |
| | 2 | SE | " | $\frac{30.20}{61}$ | Let go S.F. made fast to jett "Monarch" do |

Thursday 28th

| | | | | | |
|------------------------------------|-----|------------------|----|--------------------|---|
| Lashed alongside New Mole | 1.2 | Var ^t | o | $\frac{30.16}{61}$ | A.M. Unbent F & A. Sails. Commenced coaling |
| | 1 | West | bc | $\frac{30.20}{69}$ | Remainder of Hands scraping spars P.M. |
| | 1 | East | bc | $\frac{30.14}{67}$ | 1.30. "Monarch" slipped from Mole "Sultan" Came alongside Transported ship ahead |

Friday 29th

| | | | | | |
|------------------------------------|---|------|----|--------------------|--|
| Lashed alongside New Mole | 0 | Calm | ob | $\frac{30.04}{61}$ | A.M. Wye proceeded to sea Fleet sent down T. & masts Cut barge's boiler Employed |
| | 1 | West | bc | $\frac{30.05}{66}$ | cleaning ship throughout "Grapple" P.M. |
| | 0 | Calm | bm | $\frac{30.00}{65}$ | left do arrived Cut pinnace do boiler |

30th

| | | | | | |
|------------------------------------|-----|------|----|--------------------|---|
| Lashed alongside New Mole | 2.3 | East | bc | $\frac{29.90}{62}$ | A.M. Employed painting masts & yds Paid |
| | 2 | N | " | $\frac{29.99}{69}$ | Monthly money & issued Soap & tobacco P.M. |
| | 0 | Calm | " | $\frac{29.81}{67}$ | to Ship's Company mustered at Quarters Issued Clean Hammocks |

H.M.S. Minotaur

at Gibraltar

Sunday 1st May 1804

| Position | # | Wind | Wear | Bar Ther | Remarks |
|--|---|------|------|--------------------|---|
| Lashed alongside New Mole Gibraltar | 0 | Calm | C | $\frac{29.96}{62}$ | Am Lit fire in steam pinnace. Landed church parties. Divisions. Performed PM Divine Service. I am special leave to S.W. Quarters. Performed Divine Service |
| | 3 | W | bc | $\frac{30.00}{67}$ | |
| | 1 | — | — | $\frac{30.01}{67}$ | |

Monday 2nd

| | | | | | |
|------------------------------------|-----|----|----|--------------------|---|
| Lashed alongside New Mole | 1 | W | bc | $\frac{29.98}{67}$ | Am H.M.S. Agincourt hauled off from New Mole H.M.S. Iron Duke came alongside fired gun & hoisted C.M. Jack |
| | 1.2 | — | — | $\frac{30.03}{66}$ | PM Hands employed painting masts & Yards. "Helican" arrived Quarters Washed clothes |
| | 1 | NW | — | $\frac{29.95}{66}$ | |

Tuesday 3rd

| | | | | | |
|------------------------------------|---|------|----|--------------------|---|
| Lashed alongside New Mole | 3 | W. | ca | $\frac{29.87}{59}$ | Am Mustered by Divisions Read Prayers Landed B Co ^s & 2 nd Field gun's crew for drill |
| | 3 | WSW | bc | $\frac{29.98}{62}$ | PM Landed A & C Co ^s for drill Employed cleaning ship. Sorted removed cables |
| | 0 | Calm | bc | $\frac{29.94}{63}$ | |

Wednesday 4th

| | | | | | |
|------------------------------------|-----|------|----|--------------------|---|
| Lashed Alongside New Mole | 2 | SE | oc | $\frac{29.80}{60}$ | Am H.M.S. "Helican" proceeded to sea. |
| | 1.2 | East | bc | $\frac{29.82}{65}$ | PM Mustered by Divisions Read Prayers A.B.C.D Co ^s & field gun's crews landed for drill. Quarters. Bent sails Hoisted 7.9 masts |
| | 2.3 | West | oc | $\frac{29.87}{59}$ | |

U. S. "Main" at Gibraltar

Thursday May 5th 84

| Position | F | Wind | Wea | Bar Ther | Remarks |
|----------|-----|------|------|--------------------|--|
| Lashed | 3.5 | o-W. | o-cr | $\frac{29.68}{57}$ | Am Mustered by Divisions. Read Prayers Employed as requisite. Employed washing & |
| | 4.5 | West | lep | $\frac{30.14}{64}$ | PM mending clothes Privilege leave to Swath Quarters. Divers diving for loop. |
| | 0 | Calm | bc | $\frac{30.04}{64}$ | |

Friday May 6th

| | | | | | |
|-----------|---|------|-----|--------------------|--|
| Alongside | 2 | West | cp | $\frac{30.30}{59}$ | Am Mustered by Divisions Read Prayers. Fleet landed Ba ^{ts} & field guns for review Field |
| | 2 | WSW | ocp | $\frac{30.35}{59}$ | PM Battery saluted with 17 guns Made Mun- ded. clothes Floisted in chase jolly boat separated |
| | 0 | Calm | b | $\frac{30.38}{64}$ | |

Saturday May 7th

| | | | | | |
|-----|---|-------|-----|--------------------|---|
| New | 0 | Calm | bc | $\frac{30.33}{60}$ | Am Hauled in sheet cable Crossed Royal Yards In steam pinnace Spread jigger awning 1040 |
| | 0 | --- | --- | $\frac{30.39}{60}$ | PM Slipped from New mole & proceeded with Squadron 1115. Proceeded 32 revolutions |
| | 1 | South | --- | $\frac{30.04}{64}$ | |

| | | | | | |
|------|-----|------------------|-----|--------------------|---|
| Mole | 1.2 | NNE | bc | $\frac{30.10}{66}$ | PM altered Course to N ² E Quarters Mended fuel of sails Squared yards |
| | 2.4 | N ² E | --- | $\frac{30.14}{66}$ | Made Main sails. Braced up on Starboard tack. Furlled sails |
| | 4 | --- | --- | $\frac{30.18}{63}$ | |

H. M. S. Minotaur Gibraltar to Portsmouth

Sunday May 8th 1807

| H | K | T | Course. | 7 | Wind | Wear | Bar Ther | Remarks | | | | |
|----|----|---------------------------------------|---------|-----|------|------|--------------------|---------|------|---|--------------------|---|
| 1 | 2 | 3 | NW | 1.2 | NNW | bc | $\frac{30.13}{65}$ | Am. | | | | |
| 4 | 5 | Glewed land on starboard beam | | | | | | | | | | |
| 6 | 7 | Set fore & aft sails. Sighted H. M. S | | | | | | | | | | |
| 8 | 9 | — " — | | | | | | 2 | NE | — | $\frac{30.17}{64}$ | "Mutine" saluted 7 by 15 guns Returns |
| 10 | 11 | — " — | | | | | | 1.2 | N'W. | — | $\frac{30.24}{68}$ | salute 7 guns. Made Plain sail twice S. |

Lat 36° 54' N 66s. Long 66. 8° 55' W.

| | | | | | | | | |
|----|----|--|--------------------|-----|-----|----|--------------------|----|
| 1 | 2 | 3 | NW $\frac{1}{2}$ W | 1.2 | NNE | bc | $\frac{30.20}{62}$ | PM |
| 4 | 5 | altered Course to N $\frac{1}{2}$ E. Quarters. | | | | | | |
| 6 | 7 | Mended fuel of sails. Squared yards | | | | | | |
| 8 | 9 | Performed Divine Service. Sighted | | | | | | |
| 10 | 11 | — " — | | | | | | 4 |

Monday 9th

| | | | | | | | | |
|----|----|---------------------------------------|-------------------|-----|------------------|----|--------------------|----|
| 1 | 2 | 3 | N $\frac{1}{2}$ E | 1.2 | N ⁴ E | bc | $\frac{30.10}{61}$ | PM |
| 4 | 5 | Centra Mountains N 40 E Water | | | | | | |
| 6 | 7 | remaining in ships 56 tons. Divisions | | | | | | |
| 8 | 9 | Prayers Reduced to 20 Pews. Stopped | | | | | | |
| 10 | 11 | — " — | | | | | | 4 |

| | | | | | | | | |
|----|----|--|-------------------------------|---|------|----|--------------------|-----|
| 1 | 2 | 3 | at anchor in Parcau Bay | 2 | N.E. | bc | $\frac{30.14}{62}$ | PM |
| 4 | 5 | "Curlew" proceeded up Taqueo. Quarters | | | | | | |
| 6 | 7 | shattered in to 3 shackles. Weighed | | | | | | |
| 8 | 9 | 4 proceed "Curlew" rejoined Squadron | | | | | | |
| 10 | 11 | — " — | | | | | | 2.3 |



H. M. S. "Minotaur". Gibraltar to Portsmouth

May 10th 1807

| H | M | Course | 7 | Wind | Wear | Bar Ther | Remarks |
|---|---|----------------------------------|---|------|------|--------------------|--|
| 6 | 0 | NE E | 1 | NNE | bc | $\frac{30.12}{62}$ | Am Lost sight of Bunking light. alt to Course N ¹ W $\frac{3}{4}$ W. Set fore & aft |
| 6 | 2 | | | | | | |
| 6 | 5 | | | | | | |
| 6 | 5 | | | | | | |
| 6 | 2 | | | | | | |
| 6 | 5 | N ¹ E $\frac{3}{4}$ E | 2 | --- | --- | $\frac{30.18}{62}$ | Sails. Mustered by Divisions. |
| 6 | 5 | | | | | | |
| 6 | 5 | | | | | | |
| 4 | 8 | | | | | | Prayers. Exec ^t S ^t tactics Carry away h. T. q. |
| 6 | 0 | --- | 3 | ENE | --- | $\frac{30.18}{62}$ | |
| 6 | 8 | | | | | | |

| | | | | | | | |
|----|---|----------------------------------|-----|------------------|----|-----------------------|--|
| 6 | 5 | N ¹ E $\frac{3}{4}$ E | 1 | NNE | bc | $\frac{30.17}{60.65}$ | PM Formed Divisions of Col ^r lines ahead |
| 6 | 5 | | | | | | |
| 4 | 0 | | | | | | Reduced to 16 Revs. Stopped tools |
| 4 | 5 | | | | | | |
| 5 | 3 | | | | | | |
| 6 | 2 | --- | 2 | N ¹ E | l | $\frac{30.14}{59.64}$ | Culw ^r in tow. Quarters. Proceeded 24 h. |
| 7 | 6 | | | | | | |
| 8 | 6 | | | | | | |
| 9 | 6 | | | | | | |
| 10 | 6 | | | | | | |
| 11 | 6 | | | | | | |
| 12 | 1 | | 2-3 | ENE | l | $\frac{30.14}{61.64}$ | In ¹ plain sail Sho ^t & furlid. |

Wednesday 11th

| | | | | | | | |
|----|---|----------------------------------|-----|-------------------|-----|-----------------------|--------------------------|
| 2 | 5 | N ¹ E $\frac{3}{4}$ E | 3-4 | NNE | l | $\frac{30.11}{58.61}$ | Am. |
| 3 | 5 | | | | | | 6-20. Loused T. 9. Masts |
| 4 | 5 | | | | | | |
| 5 | 5 | | | | | | |
| 6 | 5 | | | | | | 9-5. Divisions. Prayers |
| 7 | 5 | --- | 4 | NE | --- | $\frac{30.14}{57.61}$ | |
| 8 | 5 | | | | | | |
| 9 | 4 | | | | | | Beaced Yards to Wind |
| 10 | 4 | | | | | | |
| 11 | 4 | | | | | | |
| 12 | 4 | | 7 | NE ¹ E | --- | $\frac{30.13}{57.61}$ | 12-0. Noon. |

| | | | | | | | |
|----|---|-----------------------------------|-----|-----|----|-----------------------|--|
| 1 | 4 | N ¹ E $\frac{3}{4}$ E | 7 | ENE | l | $\frac{30.12}{57.61}$ | PM |
| 2 | 2 | | | | | | Altered Course to NE ¹ N $\frac{1}{4}$ N. Hands |
| 3 | 3 | | | | | | employed as up sails & quarters |
| 4 | 3 | | | | | | |
| 5 | 2 | | | | | | |
| 6 | 3 | NE ¹ N $\frac{1}{4}$ N | --- | --- | l | $\frac{30.12}{58.61}$ | Reduced to 20 Revs. for Jibboom |
| 7 | 3 | | | | | | |
| 8 | 4 | | | | | | |
| 9 | 4 | | | | | | |
| 10 | 4 | | | | | | Increased to 20 Revolutions |
| 11 | 4 | | | | | | |
| 12 | 4 | | --- | --- | bc | $\frac{30.11}{58.61}$ | |

U. S. "Mindanao" Gibraltar to Portsmouth

May 12th 86

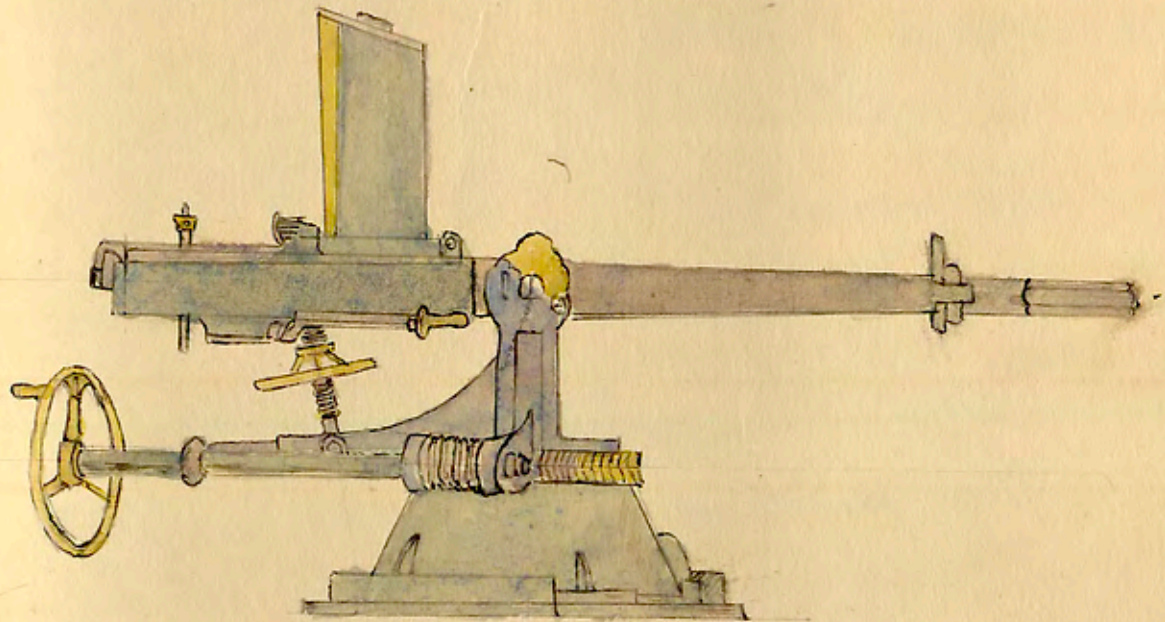
| HKT | Course | F | Wind | Wca | Bar Ther | Remarks | |
|-----|--------|---|------|-----|----------------|----------------|-----------------------------|
| 1 | 2 | NE ^o N ¹ / ₄ N | 7 | ENE | bc | 30.16 57.50 | Am |
| 2 | 3 | | | | | | 9-5. Mustered by Divisions |
| 3 | 4 | | | | | | Read Prayers. |
| 4 | 5 | | | | | | Hands employed as requisite |
| 5 | 6 | | | | 30.24 57.10 | | |
| 6 | 7 | | | | | | |
| 7 | 8 | | | | | | |
| 8 | 9 | | | | | | |
| 9 | 10 | | | | | | |
| 10 | 11 | | | | | | |
| 11 | 12 | | | | 30.29 57.19 | | 12-0. Noon. |

| | | | | | | | |
|----|----|---|-----|-----|----|----------------|---|
| 1 | 2 | NE ^o N ¹ / ₄ N | 5.6 | ENE | bc | 30.30 56.19 | PM. |
| 3 | 4 | | | | | | Increased to 32 Revs. Making & |
| 5 | 6 | | | | | | mending. clothes. Rove jibs |
| 7 | 8 | | 3.5 | NEE | -- | 30.32 57.60 | Quarters. Down T. & masts Lower |
| 9 | 10 | | | | | | & Top ^o yards L ^o to 40 Revs. |
| 11 | 12 | NE E ¹ / ₂ | 4.0 | | -- | 30.36 57.75 | |

Friday 13th

| | | | | | | | |
|----|----|----------------------------------|---|-------------------|----|----------------|--|
| 1 | 2 | NE E ¹ / ₂ | 3 | NEE | bc | 30.30 57.57 | Am. |
| 3 | 4 | | | | | | 1-0. Lost sight of 2 nd Division |
| 5 | 6 | | | | | | 9-5. Mustered by Divisions. |
| 7 | 8 | | 4 | NE ^o N | o | 30.32 57.50 | Prayers. Ex ^o general. Quarters. |
| 9 | 10 | | | | | | |
| 11 | 12 | | | | | | 11-30. Alter. Co. to NE ^o E ¹ / ₂ E |

| | | | | | | | |
|----|----|---|-----|-----|----|----------------|---|
| 1 | 2 | NE ^o E ¹ / ₂ E | 4 | NEE | oc | 30.30 57.55 | PM |
| 3 | 4 | | | | | | Alt. Course ENE. Quarters. Red to 34 |
| 5 | 6 | | | | | | Hands employed scrubbing |
| 7 | 8 | NE ^o E ³ / ₄ E | 2 | | bc | 30.37 57.55 | & washing clothes. 8 th night Quarters |
| 9 | 10 | | | | | | |
| 11 | 12 | | 2.3 | | bc | 30.40 57.54 | Sounded 95 fathoms. |



Scale $1\frac{1}{4}'' = 1\frac{1}{2}'$

I^o 2 Barrel hordenfelt.

H. M. S. "Minotaur" Gibraltar to Portsmouth

May 4th 1884

| H | M | Course | 7 | Wind | Waa | Bar Ther | Remark. |
|----|----|--|----|-------------------|-----|----------------|---|
| 1 | 02 | N E ^o E ² / ₄ E | 6c | NE ² E | 2 | 30.39 55 | Am |
| 2 | 02 | | | | | | |
| 3 | 02 | | | | | | |
| 4 | 05 | | | | | | Observed distance Lighthouse on |
| 5 | 05 | | | | | | Starboard Bow. Hands employed |
| 6 | 05 | | 6c | --- | 2 | 30.42 50.56 | cleaning ship. Sounded in 95 ² 5 |
| 7 | 05 | --- | | | | | |
| 8 | 05 | | | | | | |
| 9 | 02 | | | | | | |
| 10 | 02 | | | | | | |
| 11 | 02 | | | | | | Cherub Log showed 197 miles. |
| 12 | 02 | --- | 6c | --- | 2 | --- | |

| | | | | | | | |
|----|----|---|-----|----------------------------------|-----|-------------|-----------------------------------|
| 1 | 02 | N ¹ / ₂ E ³ / ₄ E | 2 | NE ¹ / ₂ E | 6c | 30.39 50 | PM |
| 2 | 02 | | | | | | Employed cleaning ship throughout |
| 3 | 02 | | | | | | |
| 4 | 02 | | | | | | |
| 5 | 05 | | | | | | Overhauled T.G. rigging Quarters. |
| 6 | 00 | --- | --- | E N E | --- | 30.43 47 | Pointed topgallant masts |
| 7 | 00 | | | | | | |
| 8 | 00 | | | | | | |
| 9 | 00 | | | | | | |
| 10 | 00 | | | | | | Sent up lower & top sail yards |
| 11 | 00 | | | | | | |
| 12 | 00 | E ¹ / ₂ N ¹ / ₂ N | --- | --- | --- | 30.35 49 | |

Sunday 15th

| | | | | | | | |
|----|----|---|-----|---------------------------------|----|-------------|--------------------------------|
| 1 | 08 | E ¹ / ₂ N ¹ / ₂ N | 1.3 | E ¹ / ₂ N | 6c | 30.37 42 | Am |
| 2 | 08 | | | | | | O-o. "Monarch" parted Company. |
| 3 | 05 | | | | | | |
| 4 | 05 | | | | | | |
| 5 | 00 | | | | | | Crossed Royal yards. Divisions |
| 6 | 00 | | | | | | |
| 7 | 00 | E ¹ / ₂ N | 2.4 | --- | 6 | 30.40 47 | Performed Divine Service |
| 8 | 00 | | | | | | |
| 9 | 05 | As requisite | | | | | Made to number. |
| 10 | 05 | for | | | | | |
| 11 | 05 | | | | | | |
| 12 | " | Spithead | 2 | --- | 6c | 30.37 48 | |

| | | | | | | |
|-----------|-----|-----|-----|-------------|----|--------------------------------------|
| at single | 1.2 | NE | 6c | 30.32 57 | PM | 1-0 Stopped engines. Came to with |
| Anchor | | | | | | port anchor in 14 fathoms veered & |
| Spithead | --- | --- | --- | 30.28 56 | | Cut steam pinnace & (pinnace) picket |
| | | | | | | boat Cut jolly boat etc |
| | 3 | --- | --- | 30.26 48 | | |

H. M. S. "Minotaur"

at single anchor Spithead

Monday 16th 1887

| Position | F | Wind | Wear | Bar Ther | Remarks |
|---------------------------------|-----|------|------|--------------------|---|
| At single anchor Spithead | 3-4 | NE | bc | $\frac{30.29}{48}$ | <u>Am</u> Powder lighter came alongside "Reput" came out of harbour |
| | --- | --- | bcg | $\frac{30.22}{48}$ | <u>PM</u> Commenced getting out powder. |
| | --- | --- | bc | $\frac{30.20}{54}$ | |

Tuesday 17th

| | | | | | |
|---------------------------------|-----|------|-----|--------------------|--|
| At single anchor Spithead | 0 | Calm | bc | $\frac{30.04}{59}$ | <u>A.M.</u> Water in ship 60 tons. Mustered By Divisions. Read Prayers |
| | --- | --- | --- | $\frac{30.05}{54}$ | <u>PM</u> Unbent sails down T.G. masts unrove rigging gear 14 days for leave |
| | --- | --- | oc | $\frac{29.99}{52}$ | |

Wednesday 18th

| | | | | | |
|---------------------------------|---|-----|-----|--------------------|--|
| At single anchor Spithead | 1 | W. | oc | $\frac{29.94}{51}$ | <u>AM</u> Employed cleaning ship and returning stores. Reering boats falls |
| | 2 | NNW | ocd | $\frac{29.98}{56}$ | <u>PM</u> and as requisite. Landed patrol Read fire & Stations |
| | 1 | --- | bc | $\frac{30.01}{60}$ | |

Thursday 19th

| | | | | | |
|---------------------------------|-----|------|-----|--------------------|--|
| At single anchor Spithead | 0 | Calm | ocd | $\frac{29.98}{49}$ | <u>AM</u> Mustered By Divisions Read Prayers Employed as requisite & |
| | 2-3 | WSW | oc | $\frac{29.93}{55}$ | <u>PM</u> cleaning ship returning stores and setting out |
| | 3 | --- | oc | $\frac{29.76}{58}$ | |

U. S. Minotaur at Portsmouth May 20th Friday 1887

| Position | # | Wea | W. | Bar Ther | Remarks |
|------------|---|------|----|--------------------|--|
| Lashed | 0 | Calm | lc | $\frac{30.12}{52}$ | AM Lit fires in steam pinnace S-o. |
| along side | 2 | N | oc | $\frac{30.30}{57}$ | PM Dressed ship with mast head flags |
| North Wall | 1 | Calm | -- | $\frac{30.29}{60}$ | Mustered by Divs. Read Prayers Fleet saluted with 21 guns |

May 21st

| | | | | | |
|------------|-----|------|-----|--------------------|---|
| Lashed | 2 | Calm | lc | $\frac{29.81}{42}$ | AM 4:30 Lt. M. S. B ⁵ 26. 27 lefts Com ^d |
| alongside | 2.5 | N | opg | $\frac{29.80}{54}$ | PM Reeving running gear Drew fires |
| North Wall | 1 | Calm | pp | $\frac{29.73}{52}$ | in picket boat Landed patrol |

May 22nd

| | | | | | |
|------------|-----|-----|------|--------------------|--|
| Lashed | 1 | WNW | lc | $\frac{29.80}{43}$ | AM Mustered by Divisions Performed |
| alongside | 2 | NW | lc | $\frac{29.98}{55}$ | Divine Service. |
| North Wall | 2.9 | NW | ocpp | $\frac{29.97}{56}$ | PM water remaining in ship 46 tons Mustered by Quarters. |

May 23rd

| | | | | | |
|------------|---|-----|----|--------------------|---|
| Lashed | 1 | NNW | lc | $\frac{30.02}{48}$ | AM Employed reeving running gear |
| alongside | 1 | -- | -- | $\frac{30.15}{60}$ | & returning Pro-ats etc As |
| North Wall | 1 | -- | -- | $\frac{30.18}{58}$ | PM In forenoon. Gave special leave to 2 nd pt of Watch |

H. M. S. Minotaur at Portsmouth Tuesday 24th May 1884

| Position | F | Wind | Wca | Bar Ther | Remarks |
|------------|-----|------|-----|--------------------|--|
| Lashed | 4.6 | W. | oc | $\frac{29.42}{53}$ | AM. Divisions. Read Warrant No 962 |
| alongside | 4.6 | WSW | bcp | $\frac{29.63}{50}$ | Employed returning stores |
| North Wall | 2.3 | WNW | --- | $\frac{29.75}{49}$ | PM and as requisite received 70 tons of water. Landed patrol |

Wednesday 25th

| | | | | | |
|------------|-----|-----|-----|--------------------|---|
| Lashed | 2 | NE | oc | $\frac{30.10}{49}$ | AM. Returning chain cable Receiving running gear Carpenters making good defects |
| alongside | --- | --- | bc | $\frac{30.14}{50}$ | PM. Exercised part of watch at |
| North Wall | --- | --- | --- | $\frac{30.14}{50}$ | Fire stations. Landed patrol |

Thursday 26th

| | | | | | |
|------------|-----|----|-----|--------------------|--|
| Landed | 3.4 | NE | bcp | $\frac{30.07}{53}$ | AM Divers employed getting of cable H.M.S. "Sultan" came into dock |
| alongside | 2 | N | oc | $\frac{29.99}{52}$ | PM. Refitting and drawing |
| North Wall | 1 | NE | bc | $\frac{29.94}{53}$ | stores but sheet cable |

Friday 27th

| | | | | | |
|------------|-----|-------|-----|--------------------|--|
| Lashed | 3.4 | NE | bcp | $\frac{30.07}{55}$ | AM Water in ship 22 tons |
| alongside | 2 | North | oc | $\frac{29.94}{52}$ | Read Warrants no 965 |
| North Wall | 0 | Calm | oc | $\frac{29.94}{52}$ | PM Employed refitting & drawing stores ex? fire stations |

H.M.S. Minstrel alongside North Wall Saturday May 28th

| Position | F | Wind | Wea | Bar Fms | Remarks |
|-------------------------|---|-------|-----|--------------------|---|
| Alongside North Wall | 0 | Calm | bc | $\frac{29.94}{52}$ | AM Water in ship 72 tons Employed sending cables for Survey |
| | 1 | South | c | $\frac{29.99}{19}$ | PM Landed Patrol Gen ^l leave to 7 th P ^l of |
| | 0 | Calm | bc | $\frac{29.95}{52}$ | Boys. Read Lie Stations |

Sunday 29th

| | | | | | |
|-------------------------|---|------|----|-------|--|
| Alongside North Wall | 0 | bc | 50 | 29.95 | AM Water in ship 106 tons Landed Promans. Division Subst Church Pals |
| | 1 | over | 55 | 29.96 | PM Quarters for inspection |
| | 0 | bc | 55 | 29.95 | Esc ^d fire stations |

Monday 30th

| | | | | | |
|-------------------------|---|-------|-----|--------------------|---|
| Alongside North Wall | 0 | Calm | bc | $\frac{29.95}{52}$ | AM Water in ship 86 tons Employed drawing stores & |
| | 1 | E | --- | $\frac{30.01}{61}$ | Receiving running gear. Hoisted Vice Admirals flag Quarters. |
| | 1 | North | --- | $\frac{30.04}{61}$ | |

May 31st

| | | | | | |
|-------------------------|---|------|-----|--------------------|--|
| Alongside North Wall | 0 | Calm | bc | $\frac{30.05}{55}$ | AM Water remaining in ship 90 tons Hands employed as requisite |
| | 1 | E | --- | $\frac{30.12}{61}$ | PM Employed refitting ship & drawing stores Landed patrol |
| | 1 | --- | --- | $\frac{30.05}{64}$ | |

U. S. Minotaur at Portsmouth

Wednesday June 1st

| Position | Y | Wind | Wc | Bar Ther | Remarks |
|------------|---|------|----|--------------------|--|
| alongside | 0 | Calm | oc | $\frac{29.96}{53}$ | A.M. Starboard Watch returned from 14 days leave. Paid monthly |
| North Wall | 1 | N | oc | $\frac{29.96}{62}$ | P.M. money & issued Soap & Tobacco to ship company. |
| | 1 | NW | bc | $\frac{29.87}{60}$ | |

June 2nd

| | | | | | |
|------------|-----|------|----|--------------------|---|
| alongside | 0 | Calm | bc | $\frac{29.80}{55}$ | A.M. Water in ship 76 tons. Read warrant No. 966. |
| North Wall | 0 | Calm | bc | $\frac{29.75}{59}$ | P.M. mustered by Division mustered at Quarters |
| | 3.4 | NW | oc | $\frac{29.62}{53}$ | |

June 3rd

| | | | | | |
|------------|---|------|-----|--------------------|--|
| In dry. | 4 | NW | oc | $\frac{29.60}{52}$ | A.M. Hands employed docking ship Rattling down lower and |
| | 1 | --- | --- | $\frac{29.78}{53}$ | P.M. topmast rigging & as requisite |
| | 1 | East | oc | $\frac{29.87}{55}$ | Landed Patrol Quarters |

June 4th

| | | | | | |
|------|---|------|-----|--------------------|--|
| Dock | 0 | Calm | oc | $\frac{29.94}{59}$ | A.M. Active left dock Hands employed refitting ship. |
| | 0 | --- | --- | $\frac{29.98}{57}$ | P.M. drawing stores & repairing boiler |
| | 0 | --- | bc | $\frac{30.10}{61}$ | Transferred W Admiral's flag to the |

U. S. Minotaur at Portsmouth

Sunday June 5th 1887

| Position | F | Wind | Wca | Bar Ther | Remarks |
|----------|---|------|-----|--------------------|---|
| | 0 | Calm | bc | $\frac{29.15}{57}$ | A.M. Water remaining in ship 94 tons |
| In. | 2 | SW | bc | $\frac{30.25}{61}$ | Mustered by Division's Sent P.M. Church party Landed Romans |
| | 0 | Calm | oc | $\frac{30.20}{55}$ | Read Fire Stations. |

June 6th

| | | | | | |
|------|---|------|----|--------------------|--|
| | 0 | Calm | oc | $\frac{30.22}{54}$ | A.M. Water remaining in ship 80 tons Employed as requisite |
| Dry. | 3 | W | bc | $\frac{30.23}{62}$ | P.M. Joined from H.M.S. Actine 90 |
| | 0 | Calm | oc | $\frac{30.20}{57}$ | New Dis charged 2240. |

June 7th

| | | | | | |
|-------|---|------|----|--------------------|--|
| | 0 | Calm | bc | $\frac{30.11}{56}$ | A.M. Hands employed cleaning ship White wash party cleaning. |
| Boch. | 2 | WSW | oc | $\frac{30.19}{60}$ | Inflexible Hands employed as in forenoon. Fire Stations |
| | 1 | WSW | oc | $\frac{30.12}{66}$ | |

June 8th

| | | | | | |
|---------------------|---|-----|-----|--------------------|---|
| | 1 | WSW | oc | $\frac{30.13}{58}$ | Watch remaining in ship 80 tons. Hands employed as requisite |
| In. Dry. Boch | 2 | W | --- | $\frac{30.16}{59}$ | Boiler makes repairing |
| | 2 | --- | bc | $\frac{30.17}{55}$ | Boilers etc ^d fire Stations |

U.S. Minotaur. at Portsmouth Thursday June 9th 1887

| Position | 7 | Wind | Wear | Bar Fur | Remarks. |
|----------|---|------|------|--------------------|---|
| In. | 0 | Calm | bc | $\frac{30.20}{57}$ | U.S. Active Lidal Bar. |
| Dry. | 1 | WSW | --- | $\frac{30.32}{66}$ | Mustered at Divisions Llands |
| Bock. | 1 | --- | --- | $\frac{30.31}{57}$ | scrapping white wash & as and requisite. |

June 10th

| | | | | | |
|-----|---|------|-----|--------------------|---|
| In. | 0 | Calm | bc | $\frac{30.36}{53}$ | Water in ship 5 1/4 tons. Boiler makers repairing boilers. Llands employed as requisite & as in forenoon |
| | 1 | WSW | --- | $\frac{30.15}{69}$ | |
| | 1 | --- | --- | $\frac{30.17}{59}$ | |

June 11th

| | | | | | |
|------|---|------|-----|--------------------|---|
| Dry. | 0 | Calm | bc | $\frac{30.50}{54}$ | Water in ship 10 2 tons Llands employed as requisite |
| | 1 | SW | --- | $\frac{30.37}{60}$ | Mustered at Quarters Vice |
| | 1 | WSW | --- | $\frac{30.40}{62}$ | Admiral left ship. Six Stations |

June 12th

| | | | | | |
|------|---|------|-----|--------------------|---|
| Bock | 0 | Calm | bc | $\frac{30.30}{57}$ | AM Water in ship 11 1/4 tons Mustered by Divisions Landed |
| | 0 | --- | --- | $\frac{30.31}{62}$ | Roman Catholics, Wesleyans & Church parties Quarters |
| | 0 | --- | --- | $\frac{30.35}{68}$ | |

L. M. S. Minotaur at Portsmouth Monday June 13th 1887.

| Wind | 7 | Wea | Th | Bar | Remarks |
|------|---|-----|----|-------|---|
| Calm | 0 | bc | 57 | 30.20 | Am Water in ship 110 tons |
| WSW | 1 | — | 70 | 30.25 | Landed Patrol |
| WSW | 1 | — | 63 | 30.25 | PM Hoisted vice Admirals flag Read & exercised fire stations Patrol returned |

June 14th

| | | | | | |
|------|---|----|----|-------|--|
| Calm | 0 | bc | 50 | 30.1 | Am Water in ship 94 tons Bolt watches employed provisioning ship |
| West | 1 | — | 73 | 30.25 | PM Employed as requisite |
| Calm | 0 | — | 66 | 30.32 | Read & exercised fire stations |

June 15th

| | | | | | |
|------|---|----|----|-------|--|
| Calm | 0 | bc | 60 | 30.34 | Am Water in ship 88 tons Received fresh beef 1010 tons " Vegetables 500 lbs |
| SW | 1 | — | 74 | 30.32 | PM L. M. S. Sultan shifted berth |
| Calm | 0 | — | 66 | 30.38 | Landed Patrol |

June 16th

| | | | | | |
|-------|---|----|----|-------|--|
| Calm. | 0 | b | 63 | 30.37 | Am Water in ship 82 tons Sent party to Cyclops |
| SE | 1 | bc | 77 | 30.44 | PM Quartermaster. Exercised fire stations |
| NE | 1 | bc | 64 | 30.38 | |

H. M. S. Minotaur at Portsmouth Friday 17th 1887

| Wind | 7 | Wca | Bar | Ther | Remarks |
|-------|---|-----|-----|-------|---|
| Calm. | 0 | bc | 61 | 30.87 | <u>Am</u> Water in ship 74 tons Read Warrant No 973 |
| S.E. | 1 | bc | 66 | 30.43 | <u>PM</u> Discharged 24 ord. Seamen to "Active" Landed Patrol |
| East. | 1 | bc | 73 | 30.30 | |

June 18th

| | | | | | |
|------|-----|-----|----|-------|--|
| h.c. | 1 | bc | 59 | 30.33 | <u>Am</u> Water in ship 72 tons Employed cleaning ship & as requisite |
| East | 0 | --- | 76 | 30.43 | <u>PM</u> General leave to Starboard Watch Landed Patrol |
| --- | 2.4 | --- | 66 | 30.30 | |

June 19th

| | | | | | |
|------|---|----|----|-------|--|
| East | 1 | bc | 61 | 30.28 | <u>Am</u> Divisions. Sent Roman Catholics to Chapel Ditto Returned |
| --- | 1 | bc | 81 | 30.32 | <u>PM</u> Leave to Both Watches of Boys Quarters. |
| --- | 1 | bc | 61 | 30.30 | |

June 20th

| | | | | | |
|------|---|----|----|-------|---|
| h.c. | 1 | bc | 59 | 30.31 | <u>Am</u> Keened clean hammocks Divisions Read Warrants 977 |
| East | 1 | bc | 70 | 30.39 | 9.5. <u>PM</u> Exercised fire stations Quarters. |
| h.c. | 1 | bc | 58 | 30.39 | |

U. S. Minotaur

at Paternoult

Tuesday June 21st

| Course | F | Wea | Bar | Ther | Remarks |
|--------|---|-----|-----|-------|--|
| East. | 1 | bc | 58 | 30.39 | <u>am</u> Guard of Honour left for London 50 men |
| — | 1 | bc | 64 | 30.43 | Dressed ship Masthead Stags Division Quarters |
| Calm | 0 | bc | 56 | 30.36 | Read Fire Stations |

June 22nd

| | | | | | |
|------|---|----|----|-------|---|
| N.E. | 1 | bc | 56 | 30.32 | <u>am</u> Received fresh beef 1247 lbs " Vegetables 557 lbs |
| East | 1 | bc | 57 | 30.37 | Lent Party to Mercury. <u>P.M.</u> |
| Calm | 0 | bc | 57 | 30.32 | Employed getting in cable General leave to Port Watch |

June 23rd

| | | | | | |
|------|---|----|----|-------|--|
| Calm | 0 | bc | 53 | 30.28 | <u>am</u> Water in ship 88 tons |
| East | 1 | bc | 64 | 30.30 | Employed getting in cable <u>P.M.</u> General leave to 1 st Part of Staff said Watch |
| Calm | 0 | bc | 53 | 30.27 | |

June 24th

| | | | | | |
|------|---|----|----|-------|--|
| East | 1 | bc | 66 | 30.28 | <u>am</u> Water in ship 74 tons |
| — | 1 | bc | 67 | 30.39 | Received Fresh Beef 1214 lbs " Vegetables 550 lbs |
| Calm | 0 | bc | 63 | 30.25 | <u>P.M.</u> Landed funeral Party Quarters. |

H. M. S. Minotaur at Porto mouth Saturday June 25th

| Wind | 7 | Wea | Bar | Ther | Remarks |
|------|---|-----|-----|-------|---|
| Calm | 0 | bc | 62 | 30.27 | Am Water in ship 7 1/2 tons |
| East | 1 | oc | 60 | 30.28 | Read Warrants 981, 985 PM |
| Calm | 0 | bc | 60 | 30.24 | Employed as requisite Gave General leave to Port watch |

June 26th

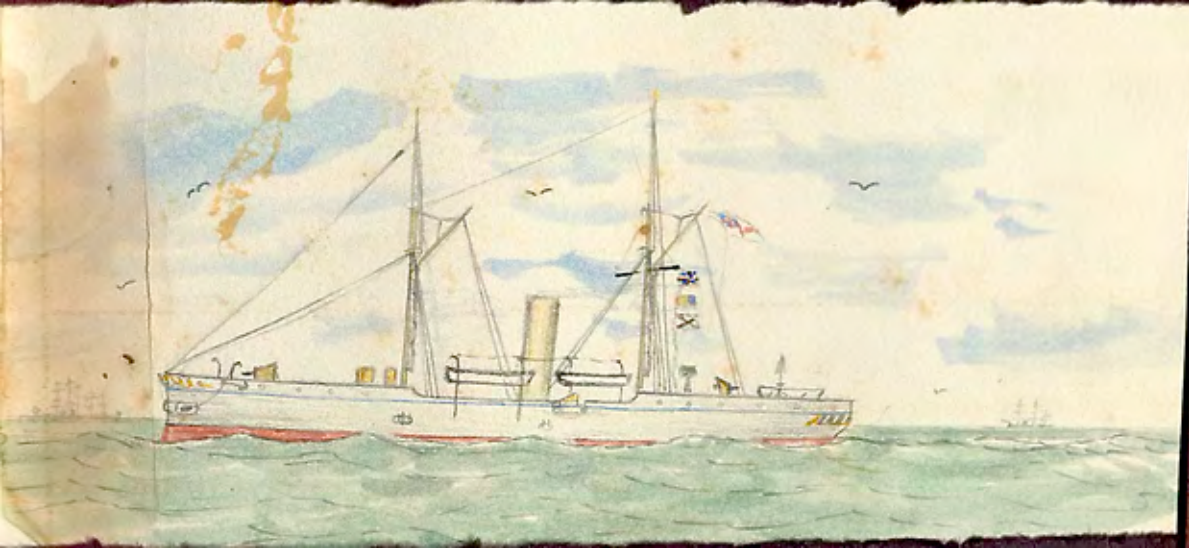
| | | | | | |
|------|---|----|----|-------|---|
| Calm | 0 | oc | 56 | 30.23 | Am. Surisovis |
| h.e. | 1 | oc | 57 | 30.32 | Landed church parties Returned ditto PM |
| Calm | 0 | bc | 57 | 30.29 | Quarters Exercised P ^t on board at fire sb. |

June 27th

| | | | | | |
|------|---|----|----|-------|--|
| Calm | 0 | bc | 61 | 30.23 | Am Water in ship 11 2 tons |
| S.E. | 1 | bc | 60 | 30.30 | Placed Mr Martell Engineer under arrest. PM Cautined Mr Martell for leaving ship without permission of chief Engineer Released ditto |
| Calm | 0 | bc | 60 | 30.20 | |

June 28th

| | | | | | |
|------|---|----|----|-------|---|
| h.e. | 1 | bc | 61 | 30.24 | Am Water in ship 100 tons Dressed ship Rain bow |
| h.e. | 1 | bc | 60 | 30.30 | Surisovis Rangers PM Quarters |
| Calm | 0 | oc | 60 | 30.41 | Landed Patrol prepared for coaling |



H. M. S. Minotaur at Pats mouth Wednesday June 29th

| Wind | 7 | Wea | Bar | Ther | Remarks |
|-------|---|-----|-----|-------|--|
| Calm. | 0 | oe | 61 | 30.39 | <u>Am</u> Water in ship 88 tons |
| South | 1 | oe | 77 | 30.55 | Shifted Berth to alongside Coaling jelly Commenced coaling <u>PM</u> |
| Calm | 0 | oe | 64 | 30.52 | Employed coaling ship 6.0 Finished coaling 576 tons |

June 30th

| | | | | | |
|------|---|----|----|-------|--|
| Calm | 0 | oe | 61 | 30.60 | <u>Am</u> Water in ship 74 tons |
| — | 0 | oe | 64 | 30.40 | Employed cleaning ship <u>PM</u> |
| — | 0 | oe | 61 | 30.45 | General leave to 2 nd P ^t of Port Watch. Quarters |

July 1st

| | | | | | |
|-------|---|----|----|-------|---|
| Calm | 0 | oe | 62 | 30.20 | <u>Am</u> Voyage proceeded to Spithead |
| South | 1 | bc | 64 | 30.46 | Tested life boya. found do. Correct <u>PM</u> |
| Calm | 0 | bc | 72 | 30.65 | Received Fresh Beef 1267 lbs " Vegetables 270 - |

July 2nd

| | | | | | |
|------|---|----|----|-------|---|
| Calm | 0 | b | 60 | 30.31 | <u>Am</u> Sent Working party to dock- yard. |
| Calm | 0 | bc | 72 | 30.36 | <u>PM</u> Employed cleaning ship |
| Calm | 0 | bc | 61 | 30.30 | Read & Esc ^d Fire Stations |

H. M. S. Minotaur at Portsmouth

Sunday July 3rd 1887

| Wind | Force | Wear | Bar | Ther | Remarks. |
|------|-------|------|-----|-------|--|
| Calm | 0 | oe | 62 | 30.30 | <u>Am</u> Water in ship 108 tons Divisions. Divine Service |
| Calm | 0 | bc | 66 | 30.31 | <u>PM</u> Quarters. |
| Calm | 0 | bc | 64 | 30.15 | Exercised Fire Stations |

July 4th

| | | | | | |
|------|---|----|----|-------|--|
| Calm | 0 | bc | 64 | 30.10 | <u>Am</u> Water in ship 98 tons Hoisted in Picket Boat |
| West | 1 | bc | 70 | 30.10 | <u>PM</u> Quarters Struck Admirals |
| Calm | 0 | bc | 68 | 29.99 | Flag at sunset. |

July 5th

| | | | | | |
|---------------------|-----|----|----|-------|---|
| North | 1.3 | cp | 66 | 30.00 | <u>Am</u> Water in ship 88 tons Cut Picket Boat Divisions |
| North ^{ly} | 3 | bc | 71 | 30.06 | <u>PM</u> Sent Working Party to Dockyard |
| — | 1.2 | bc | 59 | 30.07 | Leave to Port Watch |

July 6th

| | | | | | |
|-------------------|---|----|----|-------|---|
| North | 1 | bc | 54 | 30.12 | <u>Am</u> Water in ship 74 tons Divisions Prayers |
| South | 0 | bc | 59 | 30.23 | <u>PM</u> Midship men away Boat Sailing |
| S W ^{ly} | 3 | oe | 62 | 30.10 | Leave to Port Watch |

H. M. S. Minotaur at Spithead

Thursday July 7th 1887

| Wind | 7 | Wea | Bar | Ther | Remarks |
|-------------------|---|-----|-----|-------|---|
| W N W | 1 | oc | 66 | 30.21 | <u>am</u> Divisions Prayers Bent sails |
| SSW | 1 | bc | 65 | 30.26 | <u>P 17</u> Slipped from jetty and proceeded out of harbour Survey ship for Denation. Moved ship |
| West ^l | 1 | bc | 62 | 30.27 | |

July 8th

| | | | | | |
|------------------|---|----|----|-------|---|
| E ² S | 2 | bc | 62 | 30.14 | <u>am</u> Cut 2 nd Launch. Divisions Prayers. Hoisted in |
| S E. | 2 | bc | 65 | 30.10 | out 2 nd Launch |
| S E. | 1 | bc | 64 | 29.96 | <u>Pm</u> H. M. S. Inflexible arrived & Anchored Quarters |

July 9th

| | | | | | |
|------|---|----|----|-------|---|
| West | 2 | oc | 63 | 29.95 | <u>am</u> Employed getting in powder Mercury came out of harbour |
| SW | 3 | bc | 64 | 30.05 | <u>P 17</u> Quarters. Mended part of sails General leave to P Watch |
| West | 2 | oc | 63 | 29.95 | |

July 10th

| | | | | | |
|-------|-----|----|----|-------|---|
| SW. | 3 | od | 62 | 29.92 | <u>am</u> Water in ship 88 Tons. Divisions. Prayers |
| West | 3.5 | bc | 65 | 29.95 | <u>PM</u> Performed Divine Service Sent W S W ^l gal with parous shoes |
| West. | 3 | bc | 61 | 29.97 | |

H. M. S. Minotaur at Spithead

Monday July 11th 1887

| Wind | 7 | Wca | Bar | Ther | Remarks. |
|------------------|---|-----|-----|-------|---|
| West | 4 | c | 67 | 29.97 | <u>Am</u> H. M. S. Mercury went out for steam trial. Esc ^d Station |
| W ¹ S | 2 | bc | 64 | 30.08 | for general Quarters. |
| WSW | 4 | bc | 66 | 30.04 | <u>PM</u> Mustered at Quarters. Scrubbed Flammochs washed clothes |

July 12th

| | | | | | |
|------------------|---|----|----|-------|--|
| S ² W | 1 | oc | 64 | 30.06 | <u>Am</u> Sailed H. M. S. Mercury. |
| WSW | 3 | oc | 65 | 30.14 | Crossed Royal Yards joined ship. Mr Jackson Engineer |
| SSE | 2 | bc | 65 | 30.05 | <u>PM</u> Sailed H. M. S. Edinburgh Inspected scrubbed Flammochs |

July 13th

| | | | | | |
|-------------------|---|----|----|-------|--|
| SSE | 1 | bc | 63 | 29.90 | <u>Am</u> H. M. S. Medina: Medway. Spay. Staunch, Tees, and Pills came out of Harbour |
| West ² | 4 | bc | 65 | 29.93 | <u>PM</u> H. M. S. Mersey anchored and saluted Duke of Wellington returned ditto. |
| SW. | 4 | bc | 65 | 29.93 | |

July 14th

| | | | | | |
|-------------------|---|----|----|-------|---|
| SW | 2 | oc | 64 | 30.01 | <u>Am</u> H. M. S. Assistance arrived and anchored. H. M. S. Gorgon came out of Harbour. |
| WNW | 2 | c | 65 | 30.15 | <u>PM</u> Crossed Royal Yards. |
| West ² | 2 | bc | 67 | 30.16 | Privilege leave to Port w ¹ al ¹ |

H. M. S. Minotaur at Spithead

Friday July 15th 1887.

| Wind | 7 | Wear | Bar | Ther | Remarks |
|------------------|---|------|-----|-------|--|
| Calm | 0 | bc | 64 | 30.17 | <u>Am.</u> H. M. S. Imperieuse Proceeded for full power trial. "Serapis" |
| S W. | 2 | bc | 65 | 30.25 | came out of Harbour. <u>PM.</u> |
| S W ^l | 1 | bc | 65 | 30.22 | "Imperieuse" anchored Drew fires in steam pinnace |

July 16th

| | | | | | |
|--------------------|---|----|----|-------|--|
| North | 2 | bc | 64 | 30.20 | <u>Am.</u> H. M. S. "Inflexible" anchored & Saluted flag of Rear Admiral |
| North ^e | 2 | bc | 65 | 30.32 | H. M. S. Mercury, Collingwood and Athanas arrived and |
| North ^l | 1 | bc | 76 | 30.32 | anchored. Quarters. |

July 17th

| | | | | | |
|------------------|-----|----|----|-------|--|
| N E. | 1 | ow | 64 | 30.27 | <u>Am.</u> Arrived H. M. S. "Triton" & Slaney and anchored. |
| S ^o E | 2 | bc | 65 | 30.30 | <u>PM</u> Arrived H. M. S. Bramble, Valorous and 9. Torpedoe Boats Quarters. |
| S E | 1.2 | bc | 65 | 30.25 | |

July 18th

| | | | | | |
|--------------------|---|----|----|-------|---|
| North ^e | 2 | bc | 63 | 30.30 | <u>Am.</u> Hulls encased making plain sail. "Jay". "Hydra". "Monarch" |
| East ^b | 1 | bc | 64 | 30.30 | <u>PM.</u> "Harpy" arrived and anchored. |
| N E | 1 | bc | 65 | 30.30 | "Cyclops". "Thalia" got under weigh. |

H. M. S. Minotaur at Spithead Tuesday July 19th

| Wind | 7 | Wear | Bar | Ther | Remarks |
|--------------------|---|------|-----|-------|---|
| Calm | 0 | bc | 63 | 30.27 | <u>Am</u> Dressed ship. Crown Princess of Germany visited ship. |
| NW. | 1 | bc | 65 | 30.30 | <u>PM</u> Her Majesty the Queen passed through the lines Quarters |
| South ^W | 1 | bc | 64 | 30.32 | |

July 20th

| | | | | | |
|--------------------|-----|----|----|-------|--|
| NE. | 1 | bc | 63 | 30.36 | <u>Am</u> water remaining in ship 82 tons H. M. S. "Prince" Albert arrived |
| SE | 1.2 | bc | 65 | 30.33 | <u>PM</u> and anchored Quarters |
| South ^W | 2 | bc | 67 | 30.30 | H. M. S. "Black Prince" anchored. |

July 21st

| | | | | | |
|--------------------|---|----|----|-------|--|
| East ^W | 2 | bc | 64 | 30.28 | <u>Am</u> H. M. S. "Subrina" arrived. Crossed Royal Yards. Royal Yacht |
| SE ^W S | 1 | bc | 65 | 30.34 | <u>PM</u> Came to Spithead and went to "Collingwood" "Jargon" came out of H. |
| South ^W | 1 | b. | 60 | 30.31 | |

July 22nd

| | | | | | |
|---------------------|---|----|----|-------|--|
| NW ^W | 1 | bc | 62 | 30.14 | <u>Am</u> Hands employed cleaning ship. Crossed Royal Yards Division |
| W ^W Airs | 1 | bc | 62 | 30.16 | <u>PM</u> H. M. S. "Thunder" arrived. Mustered at Quarters. Midnight |
| W ^W Airs | 1 | bc | 64 | 30.15 | |

H. M. S. Minotaur

at Spithead

Saturday July 23rd

| Wind | 7 | Wea | Bar | Ther | Remarks |
|----------------------|-----|-----|-----|-------|--|
| North | 1 | bc | 58 | 30.17 | <u>Am</u> Her Majesty held levee of Captains & Admirals of the Fleet at 6 oc. |
| E st Airs | 1 | bc | 79 | 30.13 | Crossed Royal yards. Dressed ship H. M. S. Stone passed flying Royal Standard. Manned yards Saluted Her Majesty 21 guns H. M. Queen |
| West | 2.3 | bc | 70. | 30.09 | passed in Review Manned yards Illuminated ship |

July 24th

| | | | | | |
|-------|-----|----|----|-------|---|
| South | 1 | oc | 60 | 30.10 | <u>Am</u> Mustered by Divisions. Performed Divine Service |
| S W. | 1.2 | bc | 69 | 30.10 | <u>PM</u> Privilege leave to Port Watch |
| S W. | 3 | bc | 65 | 30.04 | Preparing for sea. Midnight. |

July 25th

| | | | | | |
|-------|---|----|----|-------|---|
| S W. | 3 | oc | 62 | 29.90 | <u>Am</u> 4-0. Lit fire in Picket Boat. 4-30. C. Squadron weighed & proceed- ed. |
| S W. | 3 | bc | 63 | 29.90 | 8-0. Crossed Royal yards Shortened in to 8 shackles. |
| South | 2 | oc | 65 | 29.92 | 10-0. B. Squadron weighed & proceeded 10-30 Weighed Port 11-30 Proceeded. |

July 26th

| | | | | | | | | |
|----|---|---|-----------------------------------|---|------|----|--------------------|---|
| 1 | 4 | 0 | As reg. | 2 | WSW | bc | $\frac{29.90}{62}$ | <u>PM</u> |
| 2 | 6 | 0 | | | | | | Shaped Course SE $\frac{1}{2}$ S. Proceeded |
| 3 | 5 | 5 | SE ⁿ S $\frac{1}{2}$ S | | | | | 28 Revs. |
| 4 | 4 | 8 | | | | | | |
| 5 | 2 | 0 | | | | | | |
| 6 | 3 | 5 | | | | | | |
| 7 | 5 | 5 | E ⁿ S | 1 | SE | bc | $\frac{29.89}{65}$ | 4-0. Mustered as Quarters |
| 8 | 5 | 5 | | | | | | 8-37. Sighted Beachy Head |
| 9 | 5 | 0 | | | | | | light Ex ⁿ General Quarters. |
| 10 | 5 | 5 | | | | | | |
| 11 | 5 | 5 | | | | | | |
| 12 | 5 | 0 | E st N | 0 | Calm | bc | $\frac{29.90}{59}$ | |

U. S. Minotaur Cruising in Channel.

July Tuesday 26th 1887.

| H | M | T | Course | 7 | Wear | Wear | Bar Ther | Remarks |
|----|---|---|-----------------------------------|---|------|------|-----------------------|---|
| 1 | 5 | 5 | E ¹ / ₄ N | 1 | SW. | oe | $\frac{29.86}{60.62}$ | Am |
| 2 | 5 | 5 | | | | | | |
| 3 | 4 | 0 | | | | | | Carried away spar for Torpedoe |
| 4 | 5 | 5 | | | | | | |
| 5 | 5 | 5 | | | | | | Log. 5-25 Altered Course to NE (mag) |
| 6 | 5 | 0 | | | | | | |
| 7 | 5 | 0 | SW ³ / ₄ W. | 1 | --- | bc | $\frac{29.85}{59}$ | Ex ^d stations out boats. Man & |
| 8 | 5 | 5 | | | | | | |
| 9 | 5 | 5 | | | | | | arm ships. Man & arm boats |
| 10 | 5 | 0 | | | | | | |
| 11 | 7 | 0 | | | | | | |
| 12 | 7 | 0 | h. d. (mag.) | 1 | --- | bc | $\frac{29.86}{62}$ | 12-0-0. Noon. |

| | | | | | | | | |
|----|---|---|-----------------------------------|---|-----------------------------------|----|--------------------|---|
| 1 | 5 | 2 | NE ¹ / ₄ N | 2 | WSW | bc | $\frac{29.77}{64}$ | PM |
| 2 | 2 | 5 | | | | | | 1-25. Altered Course to W ¹ / ₂ S |
| 3 | 1 | 2 | | | | | | |
| 4 | 4 | 8 | | | | | | 2-0. Stopped engine No 28 Torpedoe |
| 5 | 4 | 8 | | | | | | |
| 6 | 4 | 8 | SW. W ¹ / ₂ | 2 | South ¹ / ₂ | bc | $\frac{29.76}{60}$ | Boat came alongside. |
| 7 | 5 | 2 | | | | | | 2-27. Proceeded 22 Revs. |
| 8 | 5 | 2 | | | | | | Ex ^d fire Quarters. |
| 9 | 5 | 2 | | | | | | |
| 10 | 4 | 0 | | | | | | |
| 11 | 5 | 0 | | | | | | |
| 12 | 5 | 2 | WSW. | 2 | --- | cp | $\frac{29.75}{61}$ | 12-0-0. Midnight. |

Wednesday 27th

| | | | | | | | | |
|----|---|---|---------------------------------|-----|--------------------------------|----|--------------------|---|
| 1 | 4 | 8 | WSW. | 3 | SW ¹ / ₂ | bc | $\frac{29.70}{63}$ | Am |
| 2 | 5 | 0 | | | | | | 12-45. Royal Sovereign light abeam |
| 3 | 5 | 0 | | | | | | Beachy head light N so W. |
| 4 | 4 | 8 | | | | | | |
| 5 | 4 | 2 | | | | | | 3-30. Floused T. G. masts pointed 4 th |
| 6 | 4 | 2 | | | | | | |
| 7 | 4 | 2 | W ¹ / ₂ N | 4.5 | SW ¹ / ₂ | op | $\frac{29.79}{64}$ | 9-5. Mustered by Divisions. |
| 8 | 4 | 2 | | | | | | |
| 9 | 4 | 2 | | | | | | 10-0. Increased 20 Revs. |
| 10 | 4 | 5 | | | | | | |
| 11 | 3 | 8 | | | | | | |
| 12 | 3 | 5 | --- | 4.5 | SW ¹ / ₂ | bc | $\frac{29.87}{63}$ | 12-0-0 Noon. |

| | | | | | | | | |
|----|----|---|----------------------------------|-----|------|-----------------|--------------------|-----------------------------------|
| 1 | 6 | 0 | NW ¹ / ₂ N | 4.5 | West | bc | $\frac{29.93}{63}$ | PM |
| 2 | 5 | 8 | | | | | | Rattle snake sand No. 29 Torpedoe |
| 3 | 5 | 5 | | | | | | |
| 4 | 6 | 0 | --- | | | | | Boat parted company. |
| 5 | .. | - | | | | | | |
| 6 | .. | - | at single | 3.4 | WSW | bc ^d | $\frac{30.00}{63}$ | 4-0-0. Mustered at Q quarters |
| 7 | .. | - | anchor | | | | | |
| 8 | .. | - | 7 Shachles | | | | | 4-20. Came to with Port & in |
| 9 | .. | - | | | | | | 13 fathoms veered to 7 Shachles |
| 10 | .. | - | | | | | | |
| 11 | .. | - | | | | | | |
| 12 | .. | - | | 3.4 | WNW. | bc | $\frac{30.37}{64}$ | 12-0-0 Midnight |

H. M. S. Minotaur Cruising in Channel Thursday July 28th 1889.

| H | K | T | Course | F | Wind | Wear | Bar Ther. | Remarks |
|----|---|---|-----------------------|---|--------------------|------|--------------------|--------------------------------|
| 1 | | | at Single | 1 | SW | bc | $\frac{30.07}{62}$ | Am |
| 2 | | | Anchor S ⁵ | | | | | 4.0. T.B. came out. |
| 3 | | | Helens Roads | | | | | 4.50. Shattering in cable. |
| 4 | | | | | | | | 5-15. Weighed and Proceeded in |
| 5 | | | | | | | | Company with Squadron. Water |
| 6 | | | | | | | | remaining in ship. 58 tons |
| 7 | 5 | 2 | WS W ^{1/2} | 3 | WSW | bc | $\frac{30.18}{61}$ | 9-5. Mustered by Divisions |
| 8 | 4 | 0 | | | | | | |
| 9 | 5 | 0 | | | | | | |
| 10 | 7 | 8 | | | | | | |
| 11 | 7 | 8 | As reg for | 4 | S W ^{1/2} | bc | $\frac{30.26}{68}$ | |
| 12 | 7 | 8 | Steer tactics | | | | | |

| | | | | | | | | |
|----|---|---|----------------------|---|--------------------|----|--------------------|--|
| 1 | 4 | 8 | N W ^{1/4} W | 2 | S W ^{1/2} | bc | $\frac{30.13}{64}$ | PM |
| 2 | 4 | 8 | | | | | | 2-15. Glo. Portland Bill bearing N 60° W |
| 3 | 3 | 8 | | | | | | 2-40. Alt Course to WNW (mag) |
| 4 | 3 | 8 | | | | | | |
| 5 | 1 | 0 | ———— | 2 | S ^{1/2} W | bc | $\frac{30.10}{60}$ | 4-0. Crossed Royal Yards Mustered |
| 6 | 5 | 0 | | | | | | at Quarters. |
| 7 | 5 | 0 | as reg. | | | | | |
| 8 | 4 | 8 | at Single | | | | | |
| 9 | | | | | | | | |
| 10 | | | Anchor | 3 | SSW ^{1/2} | bc | $\frac{30.06}{63}$ | 5.50. Came to with P. & in 11 fathoms Ver: 120 |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

Friday 29th

| | | | | | | | | |
|----|---|---|------------------------------------|---|-------------------|-----|--------------------|--|
| 1 | | | At Single | 3 | SW | bc | $\frac{29.90}{60}$ | Am |
| 2 | | | | | | | | 5-0. Shattered in to 2. Shackles. |
| 3 | | | Anchor off | | | | | 4-55. Mattlesnake & top pedoe Boat came |
| 4 | | | Hulworth Cove. | | | | | out. 5-20. Weighed and Proceeded |
| 5 | | | | | | | | 9-5. Divisions. Ex ^d General Quarters |
| 6 | | | | | | | | Man & Arm Ship etc. Released. |
| 7 | 2 | 5 | SE ^{1/2} E | 3 | SSW | bc | $\frac{30.03}{61}$ | |
| 8 | 5 | 0 | | | | | | |
| 9 | 5 | 0 | E ^{1/2} S | | | | | |
| 10 | 5 | 0 | | | | | | |
| 11 | 4 | 8 | | | | | | |
| 12 | 4 | 8 | SE ^{1/2} E ^{1/2} | 3 | SW ^{1/2} | cmr | $\frac{30.10}{61}$ | Lieut. Paris from arrest. |

| | | | | | | | | |
|----|---|---|---------------------|---|--------------------|----|--------------------|---------------------------------------|
| 1 | 3 | 0 | E ^{1/2} S | 3 | SW ^{1/2} | bc | $\frac{30.12}{62}$ | PM |
| 2 | | | | | | | | 12-35. Sighted Needles |
| 3 | | | | | | | | |
| 4 | 2 | 5 | NE ^{1/2} E | | | | | 3-0. Altered Course to NNE. |
| 5 | | | Stopped | | | | | |
| 6 | | | | | | | | |
| 7 | | | at Single | 3 | SW ^{1/2} | bc | $\frac{30.10}{62}$ | 4-0. Mustered at Quarters. |
| 8 | | | | | | | | Ex ^d General Quarters. etc |
| 9 | | | Anchor | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | 3 | N ^{1/2} W | bc | $\frac{30.15}{63}$ | 12-0-0. Midnight. |

U. S. S. "Minotaur" Cruising in the Channel. July 30th

| H | K | T | Course. | 7 | Wind | Wen | Bar | Ther | Remarks |
|----|---|---|------------|---------------------------------|------|-----|-------|------|---|
| 1 | | | at single | NW. | 1 | bc | 30.16 | | Am |
| 2 | | | | | | | 59 | | 5-0. Shortened in to 5. Shackles. |
| 3 | | | anchors | | | | | | 5-10. Weighed & proceeded. Crossed |
| 4 | | | | | | | | | 7.9. Yards. Came to with Starboard t. |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | as reg for | 2 ¹ / ₂ N | 1 | bc | 30.18 | | 8-0. Commenced Coaling. |
| 8 | | | Spithead | | | | 60 | | |
| 9 | | | | | | | | | |
| 10 | | | at | | | | | | 11-25. Finished ditto. Rec ^d |
| 11 | | | | | | | | | |
| 12 | | | | SW. | 1 | bc | 30.18 | | 16-0. Tons. noon. |
| | | | | | | | 61 | | |

| | | | | | | | | | |
|----|---|---|---|-----|---------------------------------|----|-------|--|----------------------------------|
| 1 | | | at single t. | 1.2 | WSW. | bc | 30.15 | | PM |
| 2 | | | | | | | 63 | | 1-30. Weighed and proceeded with |
| 3 | 3 | 5 | as reg. | | | | | | "Rattlesnake". |
| 4 | 3 | 5 | | | | | | | |
| 5 | 4 | 2 | SS E. | | | | | | |
| 6 | 4 | 5 | E ² S ¹ / ₄ S. | 1 | 2 ¹ / ₂ N | bc | 30.19 | | Proceeded 32 Revs. |
| 7 | 6 | 0 | | | | | 64 | | 4-0. Mustered at Quarters. |
| 8 | 6 | 0 | | | | | | | 6-40 Reduced 22 Revs. |
| 9 | 6 | 0 | | | | | | | |
| 10 | 5 | 5 | | | | | | | |
| 11 | 5 | 0 | | | | | | | 12-0-0. Midnight. |
| 12 | 5 | 5 | | 2 | | bc | 30.19 | | |
| | | | | | | | 60 | | |

July 31st

| | | | | | | | | | |
|----|---|---|--|---|------|-----|-------|--|--------------------------------------|
| 1 | 5 | 5 | E ² N ¹ / ₄ N | 0 | Calm | ocr | 30.00 | | Am |
| 2 | 5 | 5 | | | | | 60 | | 1-15. Lighted C. Gismey Light. |
| 3 | 4 | 2 | | | | | | | 2-40. Alt course to E ² N |
| 4 | 5 | 5 | | | | | | | |
| 5 | 5 | 5 | | | | | | | |
| 6 | 5 | 5 | E ² N. | 1 | NE. | bc | 30.07 | | 9-30. Mustered at Divisions. |
| 7 | 5 | 0 | | | | | 61 | | Performed Divine Service. |
| 8 | 3 | 0 | | | | | | | |
| 9 | 3 | 0 | | | | | | | |
| 10 | 3 | 0 | | | | | | | |
| 11 | 3 | 0 | | | | | | | |
| 12 | 3 | 5 | West. | 1 | NE. | bc | 30.10 | | 11-0. Reduced to 22 Revs. |
| | | | | | | | 62 | | |

| | | | | | | | | | |
|----|---|---|-----------------------------------|-----|------------------|----|-------|--|---|
| 1 | 5 | 8 | SW ³ / ₄ W. | 4. | W ² S | bc | 30.12 | | PM |
| 2 | 7 | 0 | | | | | 61 | | 12-45. Alt. course to SW ³ / ₄ W. |
| 3 | 7 | 0 | | | | | | | |
| 4 | 7 | 0 | | | | | | | |
| 5 | 7 | 0 | | | | | | | 4-0-0. Mustered by Quarters. |
| 6 | 7 | 2 | W ² / ₄ N. | 2.5 | W ² N | bc | 30.14 | | Royal Sovereign light N 54° W. |
| 7 | 5 | 0 | | | | | 61 | | Alt. course to W ³ / ₄ N. |
| 8 | 7 | 0 | | | | | | | 5-20. Look open order |
| 9 | 7 | 0 | | | | | | | |
| 10 | 7 | 0 | | | | | | | |
| 11 | 7 | 0 | | | | | | | |
| 12 | 7 | 0 | | 3 | | bc | 30.24 | | 11-40 Guers light abeam |
| | | | | | | | 60. | | |

U. S. Minotaur Cruising in Channel. Monday (July) August 1st

| H | M | T. | Course | 7 | Wind | Wen | Bar Hm | Remarks. |
|----|----------------|------------------------------|--------------------|---|-----------------|-----|--------------------|---------------------------------------|
| 1 | 7 | 0 | W $\frac{3}{4}$ N | 8 | NW | bc | $\frac{30.28}{60}$ | Am |
| 2 | 1 | 1-10. Altered Course to WNW. | | | | | | |
| 3 | 6 | 0 | | | | | | 3-30. Sighted Autil P. & ?. |
| 4 | 7 | 5 | NW $\frac{3}{4}$ N | 1 | NW [?] | bc | $\frac{30.35}{56}$ | 4-40. Sighted Portland Bill. |
| 5 | 7 | 5 | | | | | | 9-10. Came to with Port anchor in 8 f |
| 6 | 7 | 2 | | | | | | veered to 4 shackles. |
| 7 | 7 | 5 | --- | | | | | |
| 8 | 7 | 4 | | | | | | |
| 9 | 5 | 0 | | | | | | |
| 10 | At | | ∩ in. | | | | | |
| 11 | | | | | | | | |
| 12 | Portland Roads | | | 1 | WNW | bc | $\frac{30.38}{64}$ | 11-20 Heighed and Proceeded. |

| | | | | | | | | |
|----|----|---------|--------------------|---|-----|----|--------------------|------------------------------------|
| 1 | 3 | 0 | South. | 1 | SSW | bc | $\frac{30.36}{58}$ | 12-20. Steam steering gear carried |
| 2 | 20 | 20 rev. | | | | | | away. Stopped. went full speed |
| 3 | 9 | 0 | | | | | | astern. |
| 4 | 9 | 0 | N $\frac{1}{2}$ W. | 2 | SW. | bc | $\frac{30.37}{59}$ | 2-40. Increased to 40 Revs. |
| 5 | 9 | 0 | | | | | | All Course to South. |
| 6 | 7 | 0 | | | | | | 6-20. Reduced to 28 Revs. |
| 7 | 6 | 0 | | | | | | |
| 8 | 6 | 0 | | | | | | |
| 9 | 6 | 5 | | | | | | |
| 10 | 6 | 5 | | | | | | |
| 11 | 6 | 0 | South. | 1 | NNW | bc | $\frac{30.36}{58}$ | 12-0-0 |
| 12 | 6 | 0 | | | | | | Midnight. |

Tuesday.

| | | | | | | | | |
|----|----|---|---------------------|---|-------------------|----|--------------------|--|
| 1 | 5 | 0 | South. | 0 | Calm | bc | $\frac{30.35}{56}$ | Am |
| 2 | 5 | 0 | | | | | | 2-20 Portland upper light Sighted |
| 3 | 5 | 0 | | | | | | 4-20. Obs Cape La Hague. S $\frac{1}{4}$ E |
| 4 | 5 | 0 | North $\frac{1}{2}$ | 2 | N ^o E | bc | $\frac{30.36}{56}$ | 6-40 Stopped to communicate |
| 5 | 6 | 5 | | | | | | with No 54 Lapedoe Boat. |
| 6 | 6 | 8 | | | | | | 9-5. Divisions. Prayers. |
| 7 | 7 | 0 | | | | | | |
| 8 | 4 | 0 | | | | | | |
| 9 | 4 | 0 | | | | | | |
| 10 | 5 | 2 | West $\frac{1}{2}$ | 2 | West [!] | bc | $\frac{30.40}{60}$ | 12-0-0. Noon. |
| 11 | 5 | 0 | | | | | | |
| 12 | 10 | 2 | | | | | | |

| | | | | | | | | |
|----|----|---|---------------------------------|---|------|----|--------------------|--|
| 1 | 9 | 0 | West. | 2 | West | bc | $\frac{30.39}{65}$ | PM |
| 2 | 9 | 0 | | | | | | Lost Overboard by accident 1-hand |
| 3 | 9 | 0 | | | | | | lead. |
| 4 | 9 | 0 | NW $\frac{3}{4}$ N ^o | 3 | NW. | bc | $\frac{30.38}{61}$ | 3-0. Alt Course to NW $\frac{1}{2}$ W (May). |
| 5 | 10 | 0 | | | | | | 4-0. Quarters. |
| 6 | 9 | 0 | | | | | | 6-70. Reduced to 32 Revs |
| 7 | 0 | 0 | | | | | | |
| 8 | 0 | 0 | | | | | | |
| 9 | 7 | 5 | | | | | | |
| 10 | 5 | 5 | | | | | | |
| 11 | 5 | 5 | E $\frac{1}{2}$ S. | 2 | NE. | bc | $\frac{30.43}{63}$ | Alt Course E $\frac{1}{2}$ S. 10-23 Obs Portla |
| 12 | 5 | 5 | | | | | | High Light N 23 ^o E. |

H.M.S. Minotaur Cruising in Channel. Wednesday August 3rd

| H. | M. | T. | Course | 7 | Wind | Wear | Bar Ther | Remarks |
|----|----|----|---|-----|------|------|-------------|--|
| 1 | 5 | 0 | E ¹ / ₂ S | 3 | ENE | bc | 30.41 57 | Am |
| 2 | 5 | 0 | | | | | | Altered Course to E ¹ / ₂ N. |
| 3 | 5 | 0 | | | | | | |
| 4 | 5 | 0 | | | | | | |
| 5 | 6 | 5 | Stopped | 3.4 | --- | bc | 30.43 58 | Reduced 16 Revs. |
| 6 | 6 | 8 | | | | | | 3-50. Gls. H.M.S. Mercury off Portland |
| 7 | 6 | 0 | | | | | | 5-15. Rattlesnake joined Squadron. |
| 8 | 7 | 8 | | | | | | No 54 S.B. came alongside. |
| 9 | 4 | 8 | | | | | | "Mercury" reported having seen enemy |
| 10 | 4 | 8 | | | | | | off Le Slague. |
| 11 | 5 | 0 | | | | | | |
| 12 | 10 | 2 | S ¹ / ₂ E E ¹ / ₂ | 2 | SE | bc | 30.45 60 | |

| | | | | | | | | |
|----|---|---|---|---|--------------------------------|----|-------------|---|
| 2 | 4 | 8 | South. | 1 | NE ¹ / ₂ | bc | 30.42 60 | P.M. |
| 3 | 8 | 5 | | | | | | 2-30. Collingwood reported having |
| 4 | 8 | 2 | | | | | | sighted enemy. |
| 5 | 7 | 8 | | | | | | 1-55. Sighted Landed off 2 nd bow. |
| 6 | 7 | 8 | NE ¹ / ₂ N | 2 | East | bc | 30.40 55 | 2-10. Recalled Ships. |
| 7 | 7 | 8 | | | | | | 4-0. Mustered at Quarters. |
| 8 | 7 | 8 | | | | | | 6-15. Gls. S ¹ / ₂ Catturini's Light. |
| 9 | 8 | 0 | | | | | | 8-30. Gls. Gues's Light. abeam. |
| 10 | 9 | 0 | | | | | | |
| 11 | 8 | 8 | | | | | | |
| 12 | 8 | 8 | E ¹ / ₂ S ¹ / ₂ | 2 | SE ¹ / ₂ | bc | 30.41 60 | |

Thursday 4th

| | | | | | | | | |
|----|----|---|---|-----|---------------------------------|----|-------------|---|
| 1 | 8 | 8 | E ¹ / ₂ S S ¹ / ₂ | 1.2 | E ¹ / ₂ S | bc | 30.40 59 | Am |
| 2 | 8 | 8 | | | | | | 1-10. Sighted Royal Sovereign. |
| 3 | 8 | 7 | E ¹ / ₂ N N ¹ / ₂ | | | | | 2-5. Collingwood hauled out of line & |
| 4 | 8 | 8 | | | | | | dropped astern. |
| 5 | 8 | 8 | | | | | | Torpedo Boat 39. 61. 63 joined Squadron |
| 6 | 5 | - | N ¹ / ₂ E. | 1 | --- | bc | 30.46 57 | Embarked Pilot. |
| 7 | 8 | 5 | | | | | | 9-0. Loc ^d General Quarters |
| 8 | 9 | 5 | Steering under Pilot's Direct ⁿ | | | | | Gls 6 Gunboats. |
| 9 | 10 | 0 | | | | | | 12-0. Gls. Enemy's Squadron off nose. |
| 10 | 10 | 0 | | | | | | |
| 11 | 10 | 0 | | | | | | |
| 12 | 10 | 0 | | | | | | |

| | | | | | | | | |
|-----|-----|-----|---|---|---------------------------------|----|-------------|--|
| 1 | 7 | 5 | As reg. in charge of Pilot. | 2 | SE | bc | 30.48 59 | P.M. |
| 2 | 7 | 5 | | | | | | Gls. Enemy's Squadron standing out |
| 3 | 8 | 0 | | | | | | through North Channel. Enemy |
| 4 | 5 | 0 | at single anchors off the nose | 2 | ENE | bc | 30.39 61 | returned standing up flames. |
| 5 | - | - | | | | | | H.M.S. Inflexible joined Squadron. |
| 6 | - | - | | | | | | 3-4.5. Came to with SB in 10 fathoms |
| ... | ... | ... | | | | | | to 7 shackles saluted flag off Rear ^d |
| | | | | 2 | E ¹ / ₂ S | bc | 30.37 61 | |

H. D. S. Minotaur From The Nose to Portsmouth Friday Feb. 5th

| HKT. | Course | F | Wind | Wear | Bar Ther | Remarks. |
|------|--|---|------|------|--------------------|--|
| 1 | At Single Anchor at The Nose. | 2 | SE. | bc | $\frac{30.35}{60}$ | Am. |
| 2 | | | | | | 8-0. Crossed Royal Yards. |
| 3 | | | | | | 9-5. Mustered by Divisions. Read Prayers. |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | The Nose. | 2 | --- | bc | $\frac{30.34}{62}$ | 10-10. Shortened in to 3 Shackles. |
| 7 | | | | | | |
| 8 | As Req. | 1 | ESE | bc | $\frac{30.30}{61}$ | 11-40 Weighed & Proceeded 32 Pews. |
| 9 | | | | | | |

| | | | | | | | | |
|----|---|---|-------------------------------------|-----|-----|----|--------------------|--|
| 1 | 8 | 0 | As Req. in | 3 | ESE | bc | $\frac{30.24}{62}$ | PM |
| 2 | 8 | 0 | | | | | | 2-23. Lased to 28. Pews. |
| 3 | 7 | 0 | Charge of Pilot. | | | | | Hands employed making & |
| 4 | 7 | 0 | | | | | | |
| 5 | 7 | 0 | SW $\frac{1}{2}$ S. | 2.3 | NE. | bc | $\frac{30.25}{61}$ | Mending clothes. |
| 6 | 6 | 0 | | | | | | |
| 7 | 4 | 8 | SW $\frac{3}{4}$ W. | | | | | 6-40. Stopped Sent mails by No 267 th . |
| 8 | 2 | 0 | | | | | | |
| 9 | 5 | 8 | W. $\frac{1}{2}$ S $\frac{1}{2}$ S. | 2 | NE? | bc | $\frac{30.18}{62}$ | 2 nd Divisions Joined. |
| 10 | 5 | 8 | | | | | | |
| 11 | 5 | 8 | | | | | | |
| 12 | 5 | 8 | | | | | | |

Saturday

| | | | | | | | | |
|----|---|---|------------------------------------|---|------------------|----|--------------------|-------------------------------------|
| 1 | 5 | 8 | W $\frac{1}{2}$ S $\frac{1}{2}$ S. | 1 | Calm | bc | $\frac{30.12}{61}$ | Am. |
| 2 | 5 | 8 | | | | | | 3-25. Beachy head light abeam. |
| 3 | 5 | 8 | W $\frac{1}{2}$ N $\frac{1}{2}$ N | 1 | W ¹ N | bc | $\frac{30.19}{62}$ | Water remaining in ship 12 1/2 tons |
| 4 | 5 | 8 | | | | | | |
| 5 | 6 | 0 | W $\frac{1}{2}$ N $\frac{1}{2}$ N | 1 | W ¹ N | bc | $\frac{30.19}{62}$ | 7-40. Glo Covers Light on the beam. |
| 6 | 6 | 0 | | | | | | |
| 7 | 6 | 0 | W SW ^{sl} | 1 | SSW | bc | $\frac{30.20}{65}$ | Lost overboard hand leads 1 in No |
| 8 | 4 | 8 | | | | | | |
| 9 | 4 | 8 | | | | | | 12-0-0 |
| 10 | 6 | 8 | | | | | | noon. |
| 11 | 6 | 8 | | | | | | |
| 12 | 6 | 8 | | | | | | |

| | | | | | | | | |
|----|---|---|------------------------------------|---|------|----|--------------------|--|
| 1 | 4 | 8 | W SW ^{sl} | 1 | SSW | bc | $\frac{30.17}{65}$ | PM |
| 2 | 5 | 0 | | | | | | 1-10. Decreased 16 Pews. |
| 3 | 5 | 0 | NE $\frac{1}{2}$ E $\frac{3}{4}$ E | | | | | 1-20. Increased 26 Pews. |
| 4 | 7 | 5 | | | | | | |
| 5 | 8 | - | As req. | 0 | Calm | bc | $\frac{30.14}{64}$ | 4-0. Mustered. |
| 6 | - | - | | | | | | |
| 7 | - | - | moored | | | | | 6-20. Stopped. Came to with S. B |
| 8 | - | - | | | | | | |
| 9 | - | - | at Spithead | 0 | --- | bc | $\frac{30.15}{60}$ | in 13 Ballrooms. Heard 13 Shackles & |
| 10 | - | - | | | | | | |
| 11 | - | - | | | | | | Let go P.B. moored 8 on S $\frac{1}{2}$ Y on Port. |
| 12 | - | - | | | | | | |

U. S. Minotaur at Spithead

August 7th 87.

| Wind. | 7 | Wen | Bar | Ther | Remarks. |
|--------------------|---|-----|-----|-------|--|
| Calm. | 0 | bc | 60 | 30.18 | <u>Am</u> 4-30. Lit fire in steam pinnace |
| S ^t Air | 1 | bc | 59 | 30.12 | 4-45. Ship swung to flood. 9-30. Divisions Performed During <u>PM</u> |
| West ^l | 1 | bc | 66 | 30.22 | 4-0. Mustered at quarters Performed Divine Service. |

August 8th

| | | | | | |
|-------|---|----|----|-------|---|
| Calm. | 0 | bc | 59 | 30.22 | <u>Am</u> 6-0. Agincourt & Sultan Commenced Coaling |
| N W. | 1 | bc | 59 | 30.26 | 8-0. Crossed Royal Yards. <u>PM</u> 4-0. Quarters Down Royal Yards. |
| West. | 2 | bc | 63 | 30.35 | Queen passed in Royal Yacht - Albion |

August 9th

| | | | | | |
|------------------|---|----|-----|--------|--|
| N W. | 2 | bc | 59 | 30.25 | <u>Am</u> 6-0. Lit fire in Picket Boat. 8-30. U. S. Gunboat Weasel Arrived |
| N. W. | 1 | bc | 63 | 30.30 | <u>PM</u> Rec ^d 630 lbs of Beef. Dressed Strip |
| N W [!] | 1 | bc | 62. | 30.19. | 12-0-0 Midnight |

August 10th

| | | | | | |
|-------|-----|----|-----|--------|--|
| N W. | 4 | bc | 61 | 30.15. | <u>Am</u> 4-30 Lit fire in steam pinnace |
| — | 2.3 | bc | 59. | 30.20. | 6-0. Lit fire in Picket Boat. 8-0 Commenced Coaling. <u>PM</u> 12-0. Rec ^d 202 tons. 6-0. Finished Coaling Rec ^d |
| Calm. | 0 | bc | 65 | 30.19 | 4-30 Tons Special Leave to S W. |

U. S. Minotaur at Spithead

Thursday Aug. 11th 87.

| Wind | F | Wea | Bar | Ther | Remarks |
|--------------------|---|-----|-----|-------|---|
| NE ² | 1 | bc | 60 | 30.12 | Am. 4-15. Lit fire in Picket Boat. |
| North ² | 1 | bc | 60 | 30.12 | 5-0. U. S. Bramble Am ^d Hands employed cleaning ship & array. 12 — — — noon PM. |
| E ² N. | 1 | bc | 59 | 30.12 | Make & mend clothes. 4-0. Quarters. |

Friday 12th

| | | | | | |
|-------|---|----|----|-------|--|
| Calm | 0 | bc | 57 | 30.05 | Am. 12-7. Opened fire with Blank cartridges |
| SW. | 2 | bc | 69 | 30.03 | At passing torpedo boats. 1-5. Lessons 9-5. Divisions Prayers bc ^d general Am PM Privilege leave to Port Watch |
| Calm. | 0 | bc | 57 | 29.93 | 4-0-0. Mustered at Quarters. |

Saturday 13th

| | | | | | |
|--------------------|---|------|----|-------|---|
| Calm | 0 | bc. | 57 | 29.88 | Am. 4-45. U. S. Archer weighed & proceeded Hands employed cleaning ship & |
| NW ² W. | 2 | bcnw | 60 | 29.87 | as requisite PM 4-0-0 Quarters. Dressed ship h ² flag |
| NNW. | 1 | bc | 56 | 29.94 | U. S. Ships. Active Volage. Peter Calypso. & |

Sunday 14th

| | | | | | |
|-----------------|---|-----|-----|-------|--|
| NE ² | 2 | oc. | 49 | 29.97 | Am. 4-40. Lit fire in Steam Pinnace 7-0. Lighted. U. S. Mercury |
| NE ² | 2 | oc | 53 | 30.03 | 9-5. Mustered by divisions. Performed Divine Service. PM 4-0. Mustered at Quarters. |
| NE ² | 1 | bc | 57. | 30.09 | 12-0-0. Midnight. |

H. M. S. Minotaur at Spithead

Monday August 15th 87.

| Wind | F | Wea | Bar | Ther | Remarks. |
|-------|-----|-----|-----|-------|---|
| ENE | 2.3 | bcm | 57 | 30.08 | <u>Am</u> 'Inflexible' proceeded into harbour |
| SE | 2 | bc | 63 | 30.07 | <u>Pm</u> Saluted Duke of Connaught with 21 guns Mustered at Q quarters |
| East. | 2 | bc | 64 | 29.94 | Hauled down Admiral's flag. |

Tuesday 16th

| | | | | | |
|------|-----|-----|----|-------|--|
| East | 2.3 | scr | 61 | 29.80 | <u>Am</u> Edenburgh came out of Harbour. |
| NNE | 1 | sc | 60 | 29.85 | <u>Pm</u> 9-5. Divisions. Read Prayers Mersey. parted Company. |
| WNW. | 1 | sc | 52 | 29.86 | 4-0. Mustered at Q quarters. |

Wednesday 17th

| | | | | | |
|-------|-----|-----|----|-------|---|
| SW. | 1.2 | sep | 60 | 29.82 | <u>Am</u> 9-5. Mustered by Divisions. Prayers |
| SSW. | 2 | bc | 67 | 29.85 | <u>Pm</u> Employed as requisite. 4-0. Mustered at Q quarters. |
| West. | 2 | b | 63 | 29.79 | H. M. S. 'Devastation' arrived. |

Thursday 17th

| | | | | | |
|------|-----|----|----|-------|--|
| Calm | 0 | sc | 52 | 29.56 | <u>Am</u> 9-5. Divisions. Read Prayers. |
| h W. | 2.4 | cf | 63 | 29.97 | <u>2PM</u> Gave 4 days feneral leave to P Watch 4-0. Mustered at Q quarters. |
| h W. | 3 | sc | 63 | 29.97 | Histed Vice-Admiral's Flag. |

H.M.S. "Minstrel" Spithead Friday August 19th

| Wind | F | Wea | Bar | Ther | Remarks |
|---------|-----|-----|-----|-------|--|
| h W. | 3.4 | bc | 57 | 29.80 | <u>Am</u> "Hovei" proceeded up. Harbour 9-5. Divisions. Read Prayers |
| h W. | 2 | bc | 70 | 30.05 | <u>Pm</u> 4-0. Quarters. |
| h N. W. | 3 | bc | 58 | 29.96 | "Devotion" went up. Harbour. |

Saturday 20th

| | | | | | |
|------|-----|----|----|-------|--|
| Caln | 3.4 | bc | 59 | 29.90 | <u>Am</u> Hands employed cleaning Ship and as requisite. |
| h E. | 2 | bc | 61 | 29.93 | <u>Pm</u> 4-0. Quarters. |
| h E | 3 | bc | 64 | 29.97 | Training Squadron Proceeded to Sea |

Sunday 21st

| | | | | | |
|---------|---|----|----|-------|---|
| Caln | 0 | bc | 65 | 30.10 | <u>Am</u> 9-30. Mustered by Divisions 10-30. Performed Divine Service |
| h N. W. | 2 | bc | 64 | 30.19 | <u>Pm</u> 4-0. Mustered at Quarters. Performed Divine Service |
| West. | 3 | bc | 60 | 30.18 | |

Monday Aug 22nd

| | | | | | |
|-------|---|-----|----|-------|--|
| South | 1 | bms | 59 | 30.16 | <u>Am</u> Tyne arrived and anchored 9-5. Divisions. Prayers. |
| South | 1 | bc | 65 | 30.22 | <u>Pm</u> "Martin" came out of Harbour 4-0. Quarters. |
| South | 2 | bc | 71 | 30.20 | |

U. S. S. "Minotaur" at Spithead

August 23rd 1887

| Position | 7 | Wind | Wear | Bar Ther | Remarks |
|----------|---|---------------------|------|--------------------|---|
| Spithead | 1 | 2 nd Air | lc | $\frac{30.12}{27}$ | Am Chinese Admirals saluted Command in Chief 17 guns. Divisions |
| | 1 | SSE | lc | $\frac{30.17}{66}$ | 7 ^{PM} U. S. S. "Curlew" Arr ^d & anchored |
| | 0 | Calm | lc | $\frac{30.13}{68}$ | Preparing for sea. |

Wednesday 24th

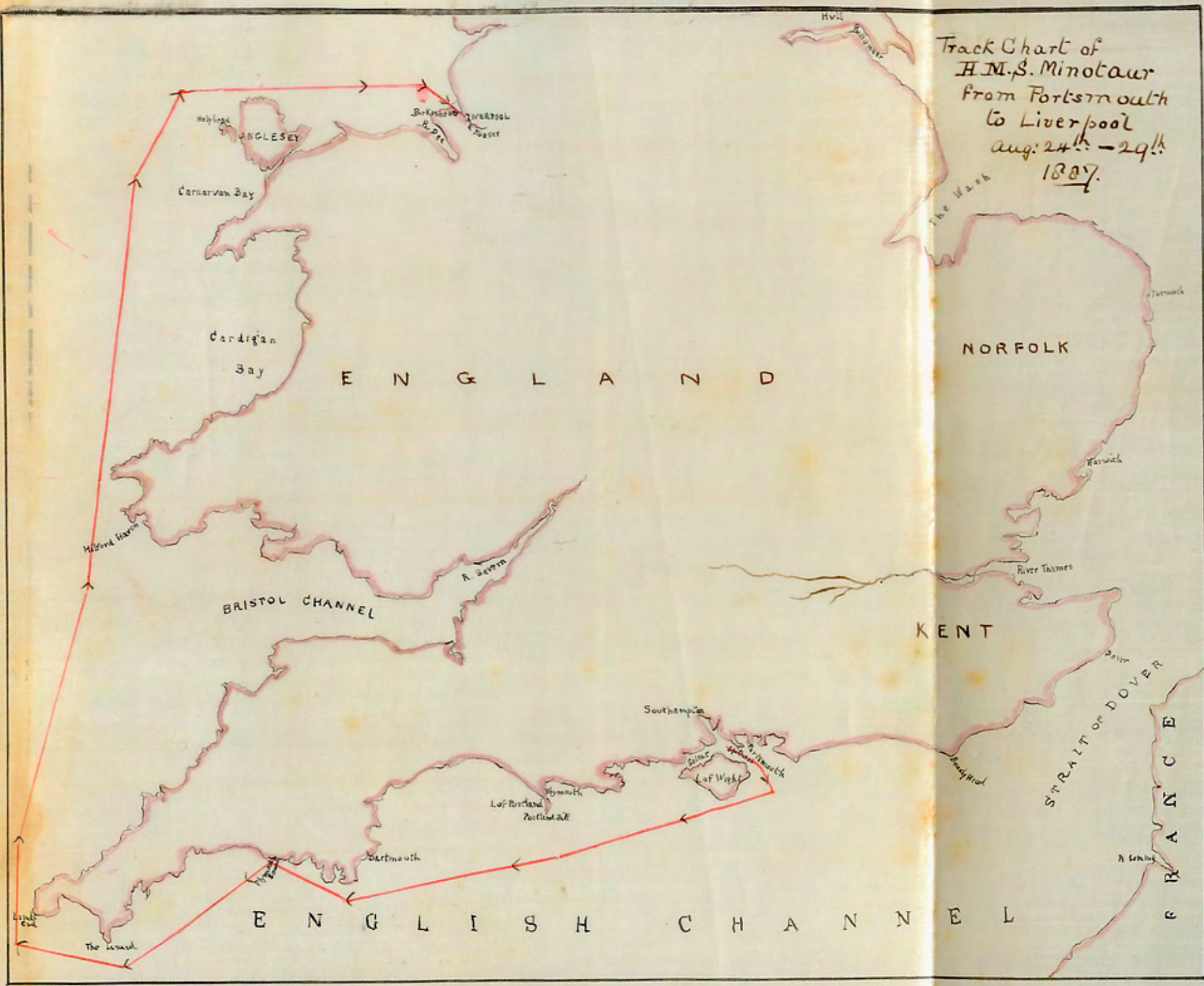
| | | | | | | |
|--|--------------------|----|----|--------------------|--|---|
| Spithead | 1 | SE | lc | $\frac{30.08}{64}$ | Am In. Boats. Preparing for sea. | |
| HKT 3 3 0 4 3 0 5 5 0 6 1 5 7 6 0 8 6 5 9 6 5 10 6 5 11 6 5 12 6 5 | SE $\frac{1}{2}$ S | 12 | SE | lc | $\frac{30.08}{66}$ | 7 ^{PM} 30. Unmoored 300 weighed & proceeded in company with Sp. a ^d |
| W $\frac{1}{4}$ N | | | | | | |
| --- | 1 | SW | lc | $\frac{30.00}{66}$ | Formed Single Column Line ahead | |

Thursday 25th

| | | | | | | |
|---|-------------------|-----|---------------------|--------------------|--------------------|--|
| 1 6 8 2 6 8 3 6 8 4 6 8 5 6 8 6 8 - 7 6 8 8 6 5 9 4 5 10 6 5 11 5 0 12 1 5 | W $\frac{1}{4}$ N | 12 | West | lc | $\frac{29.95}{64}$ | Am 4-20 Lost Sight of Portland Lights Alt. Course NNW. Divisions |
| --- | --- | 1 | 2 nd Air | lc | $\frac{29.95}{69}$ | Alt. Course to NNW. Hands employed as reg |
| NNW $\frac{1}{4}$ W | 1 | --- | lc | $\frac{29.95}{61}$ | 12-0-0. noon. | |

| | | | | | | |
|--|------------------------------|---|-------|---|--------------------|---|
| 1 4 5 2 4 - 3 - - 4 - - | N $\frac{3}{4}$ E as Reg. | 0 | Calm | l | $\frac{29.94}{65}$ | 7 ^{PM} Saluted flag of Command in Chief 17 guns. |
| Secured to Bouy in Plymouth Sound | | 1 | South | l | $\frac{29.91}{61}$ | Stopped engines & Secured to a bouy in Plymouth Sound |
| | | 0 | Calm | l | $\frac{29.85}{61}$ | Privilege Leave to S ^{ic} Watch |

Track Chart of
H.M.S. Minotaur
from Portsmouth
to Liverpool
Aug: 24th - 29th
1887.



U. S. "Munitions" at Spithead Friday August 26th

| Position | 7 | Wind | Wave | Bar Ther | Remarks |
|--------------------|---|------|------|--------------------|--|
| Plymouth Sound. | 2 | SE | oc | $\frac{29.80}{62}$ | Am 9-5. Mustered by divisions |
| | 1 | SSE | oc | $\frac{29.80}{63}$ | Exercised general Quarters. Rec ^d 26 tons of Fresh Water |
| | 1 | --- | Emp | $\frac{29.75}{64}$ | P & O R. M. S. Gorges Arrived. |

| Plymouth Sound | | | | | | |
|----------------|-----|---------------|-----|--------------------|--|---|
| | 3-4 | South | Cpf | $\frac{29.72}{62}$ | P No Preparing for sea. Prove Slip rowe. | |
| HKT | | | | | | |
| 6 | 3 | W 1/2 S | 2 | W 1/2 S | pe $\frac{29.72}{62}$ | 4-30. Slipped & proceeded with Squadron |
| 7 | 5 | | | | | |
| 8 | 5 | | | | | |
| 9 | 5 | S 1/2 W 3/4 W | | | | |
| 10 | 5 | | | | | |
| 11 | 5 | | | | | |
| 12 | 5 | --- | 1-2 | SW | bc $\frac{29.75}{64}$ | Down Royal Yards Quarters. |

Saturday 29th

| | | | | | | |
|----|---|--------------------------|-----|-------------------|-----------------------|---|
| 1 | 4 | WSW | 2-3 | SW ^{1/2} | bc $\frac{29.76}{63}$ | Am 7-41 Exercised fire Quarters. |
| 2 | 4 | | | | | |
| 3 | 4 | | | | | |
| 4 | 4 | | | | | 8-0. Cherub Log showed 56 miles |
| 5 | 4 | N 1/2 E E ^{1/2} | 2-3 | SE | bc $\frac{29.84}{65}$ | Hands employed cleaning ship and as requisite |
| 6 | 4 | | | | | |
| 7 | 6 | | | | | |
| 8 | 6 | | | | | |
| 9 | 6 | | | | | |
| 10 | 6 | | 2 | SE | bc $\frac{29.85}{64}$ | Cherub Log showed 77.8. |
| 12 | 6 | | | | | |

| | | | | | | |
|----|---|---------------|---|-------------------|-----------------------|--|
| 1 | 6 | N 1/2 E 1/4 E | 2 | SW ^{1/2} | bc $\frac{29.71}{63}$ | P No Hands employed cleaning ship throughout and as requisite |
| 2 | 6 | | | | | |
| 3 | 6 | | | | | |
| 4 | 6 | | | | | |
| 5 | 7 | | | | | |
| 6 | 7 | | | | | |
| 7 | 7 | NE 1/2 N | 1 | SW | bc $\frac{29.76}{64}$ | 10. Mustered at Quarters |
| 8 | 7 | | | | | |
| 9 | 7 | | | | | |
| 10 | 7 | | | | | |
| 11 | 7 | | | | | |
| 12 | 7 | | 1 | SW | bc $\frac{29.84}{63}$ | Read warrants No 1040, 1050. |

H. M. S. Minstam at Liverpool. Sunday Sept 4th

| Place | # | Wind | Wear | Bar Ther | Remarks |
|--------------|-----|-------------------|------|--------------------|---|
| In | 2 | S | lep | $\frac{29.59}{58}$ | Am 9-30 Mustered by Divisions |
| River Mursey | 2 | NW ^o N | bc | $\frac{29.62}{64}$ | 10-30. Performed Divine Service Pm |
| | 1.2 | WSW | oe | $\frac{29.60}{68}$ | Mustered at Quarters. As. Requisite. |

Monday 5th

| | | | | | |
|----------|---|-----|-----|--------------------|---|
| In River | 1 | SW | bc | $\frac{29.50}{55}$ | Am 7-30. In. Picket Boat. |
| Mursey. | 2 | SSW | oe | $\frac{29.49}{57}$ | 8-20. Commenced to unmoor 11-30. Proceeded in company with Ajincourt & J. Duke. Curlew. |
| As. Ref. | 2 | SSE | oom | $\frac{29.40}{53}$ | Sultan Parted Cable Loosely 5. Shackles. noon. |

| | | | | | | | |
|----|-----|----------|-----|------------------|-----|--------------------|----------------------------------|
| 1 | 8 5 | As. reg. | 6 | West | oe | $\frac{29.30}{62}$ | Pm |
| 2 | 4 0 | | | | | | Sultan and Monarch joined |
| 3 | 4 0 | NW 1/4 W | | | | | Squadron. Stopped |
| 4 | 5 0 | | | | | | |
| 5 | 5 0 | | | | | | |
| 6 | 5 5 | | | | | | |
| 7 | 6 2 | --- | 5.7 | WSW | oe | $\frac{29.30}{58}$ | Disembarked pilots. Set trysails |
| 8 | 6 8 | | | | | | and 7. Stay sail. Ditto split. |
| 9 | 6 5 | | | | | | |
| 10 | 6 5 | | | | | | |
| 11 | 6 5 | | | | | | |
| 12 | 6 2 | --- | 6.8 | W ¹ S | opf | $\frac{29.28}{61}$ | Set storm stay sail |

| | | | | | | | |
|----|-----|---------------|---|------|----|--------------------|---|
| 1 | 3 0 | NW 1/4 W | 7 | West | bc | $\frac{29.33}{60}$ | Am |
| 2 | 5 0 | | | | | | Squared 4 th Crossed Royal Yards |
| 3 | 5 2 | | | | | | 10-35. Came to with SB in 7/8 th . |
| 4 | 5 2 | | | | | | veered to 9 shackles but steam |
| 5 | 5 2 | N 1/2 W | 2 | WSW | bc | $\frac{29.40}{60}$ | pinnae |
| 6 | 5 2 | | | | | | |
| 7 | 6 0 | | | | | | |
| 8 | 4 5 | | | | | | |
| 9 | 7 - | | | | | | Pm |
| 10 | --- | West. | | | | | Major Corporation & general |
| 11 | --- | at | | | | | |
| 12 | --- | Single anchor | 1 | NW | oe | $\frac{29.43}{58}$ | visit ship. Saluted with 13 guns |

H. M. S. Minotaur in Belfast Lough Wed Sept 8th

| Place | F | Wind | Wen | Bar Ther | Remarks. |
|---------------------|-----|------|-----|--------------------|--|
| In Belfast Lough | 3.5 | NE | of | $\frac{29.70}{58}$ | Am 9-5. Divisions. Read. Prayers Crossed Royal Yards. |
| | 3.4 | NEE | bc | $\frac{30.00}{58}$ | Pm Boats away exercising sailing Hands employed as ref ^{al} |
| | 2 | NNW. | - | $\frac{30.22}{59}$ | |

Thursday.

| | | | | | |
|----------------------|-----|-------------------|-----|--------------------|---|
| In. Belfast Lough | 2 | West | bc | $\frac{30.25}{61}$ | Am Crossed Royal Yds Loosed sail 11-30. Furl'd do. Painting ship. |
| | 4.5 | SW ¹ W | - | $\frac{30.26}{59}$ | Pm. Making and mending clothes |
| | 2.3 | SW ¹ S | oez | $\frac{30.13}{59}$ | 4-0. Quarters |

Friday 9th

| | | | | | |
|---------------------|-----|-----|-----|--------------------|--|
| In Belfast Lough | 3.4 | SSW | opd | $\frac{29.99}{56}$ | Am Crossed Royal Yards. Divisions Esc ^d General Quarters. |
| | 3 | SSW | oed | $\frac{29.94}{56}$ | Pm 4-0. Quarters. |
| | 1 | WNW | bc | $\frac{29.90}{60}$ | Down Royal Quarters. |

Saturday 10th

| | | | | | |
|----------------------|-----|------|-----|--------------------|--|
| In. Belfast Lough | 2 | WNW | bc | $\frac{29.94}{57}$ | Am Employed cleaning ship. throughout & painting boats |
| | 4.5 | West | oez | $\frac{29.88}{58}$ | Pm 4-0. Quarters. |
| | 3.4 | WNW | bc | $\frac{29.93}{58}$ | Preparing ship for sea. |

H. M. S. "Merolau" in Belfast Lough Sunday Sept 11th

| Place | F. | W. | Bar | $\frac{Bar}{Ther.}$ | Remarks |
|-----------------------|-----|------|-----|---------------------|--|
| In. Belfast Lough. | 2.3 | West | ocz | $\frac{29.80}{55}$ | Am 9-30. Mustered by Divisions. Performed Divine Service |
| | 3.4 | --- | ocz | $\frac{29.69}{58}$ | Pm. In Steam pinnace. |
| | 3.4 | NNE | bc | $\frac{29.80}{59}$ | 6.30. Weighed and proceeded. |

6. - . NE^oE 1/2 E
 6 5 0
 7 7 0
 8 7 0
 9 4 5
 10 4 5
 11 5 5

Monday 12th

| | | | | | | | |
|----|-----|------------------------|-----|-------|-----|--------------------|---------------------------------------|
| 1 | 5 5 | NNE | 1.3 | Nalt. | bc | $\frac{27.76}{55}$ | Am |
| 2 | 5 5 | | | | | | 6-5 Crossed Royal Yards. |
| 3 | 5 0 | | | | | | 8-10. Came to with P. Bin 176. Veered |
| 4 | 5 0 | | | | | | 14 Shackles. Moored ship. |
| 5 | 2 5 | | | | | | But picket boat & lower lower |
| 6 | 7 0 | | | | | | Pm |
| 7 | 0 0 | N ^o E 3/4 E | 3 | --- | bc | $\frac{27.73}{56}$ | Culw weighed and proceeded |
| 8 | | Course for Clyde. | | | | | 1-0. Quarters. |
| 9 | | | | | | | |
| 10 | | | | | | | |
| 11 | | Moored off Greenock | | | | | |
| 12 | | | 0 | Calms | --- | $\frac{29.79}{49}$ | |

Tuesday

| | | | | | | | |
|--------|--|--|-----|-------|-----|--------------------|----------------------------------|
| | | | 1.3 | Nalt. | bc | $\frac{29.85}{46}$ | Am. |
| | | | | | | | 8-0. Crossed Royal Yards. Loosed |
| | | | | | | | Sails. 11-0. Tacked ditto. |
| Moored | | | 2 | NNW. | bc | $\frac{29.95}{53}$ | Pm |
| | | | | | | | 5-15. Quarters. |
| | | | 1 | NNW. | --- | $\frac{29.95}{49}$ | Down. Top. gallant masts. |

Wednesday

| | | | | | | | |
|-------------------|--|--|---|-------|-----|--------------------|--------------------------------|
| | | | 2 | Nalt. | bc | $\frac{29.95}{48}$ | Am |
| | | | | | | | 8-0. Crossed Royal Yards. |
| | | | | | | | 9-5. Mustered by. Divi Prayers |
| off. Greenock. | | | 1 | NE? | pcz | $\frac{29.81}{55}$ | Pm |
| | | | | | | | 5-15. Mustered by. Quarters. |
| | | | 0 | Calms | ocz | $\frac{29.80}{50}$ | Down. J. g. masts. |

Mr Lt. M. S. Munstaur. Hb. Greenock Thursday Sept. 15th

| Place | F | Wind | Wen | Bar Ther. | Remarks. |
|---------|-----|------|-----|--------------------|--|
| Moored. | 0 | Calm | oe | $\frac{29.91}{59}$ | Am 8-0. Crossed royal Yards. Loosed 3 ^d 9-5. Div ^s Prayers. Rattling. Down. 11-30. Turtled Sails. |
| | 1.2 | SSW | bc | $\frac{29.85}{54}$ | Pm. Making & mending clothes. |
| | 0 | Calm | oe | $\frac{29.85}{57}$ | 5-15. Quarters. |

Friday, 16th

| | | | | | |
|-----|-----|------|----|--------------------|--|
| Hb. | 0 | Calm | oe | $\frac{29.86}{50}$ | Am 9-5. Divisions. Prayers. Read Warrant 1060, 1061, 1062. |
| | 1.2 | WNW | bc | $\frac{29.98}{56}$ | Pm Lost overboard by accident 1 st Pack |
| | 0 | Calm | bc | $\frac{30.08}{50}$ | 6-15. Mustered at Quarters. |

Saturday.

| | | | | | |
|-----------|---|---------------------|----|--------------------|---|
| Greenock. | 0 | Calm | bc | $\frac{30.08}{48}$ | am Water remaining in ship 56 tons. Employed. cleaning ship. through out. |
| | 1 | L st Air | bc | $\frac{29.22}{49}$ | Pm 5-15. Mustered at quarters. |
| | 0 | Calm | oe | $\frac{29.20}{55}$ | Preparing for sea. |

Sunday Sept 18th

| H | Greenock | F | Wind | Wen | Bar Ther. | Remarks. |
|---|-------------------------|---|---------------------|-----|--------------------|---|
| 0 | As req | 0 | Calm | bc | $\frac{30.45}{57}$ | Am Unmoored & weighed Star rd G. Shoarded in to 4 Shackles |
| 4 | W 3/4 N | 4 | L st Air | bc | $\frac{30.56}{57}$ | Aweighed & proceeded 16 Kms. in Company with Squadron PTT |
| 2 | N th W 1/2 W | 2 | NW | bc | $\frac{30.56}{56}$ | Set fore & aft sails. |

H. M. S. "Minotaur" at Sea

Monday, Sept 19th 1887.

| H | K | T | Course | F | Wind | Wear | Bar Ther | Remarks |
|----|----|---|-------------------|---|-------|------|--------------------|------------------------------|
| 1 | 4 | 0 | N ² W | 4 | North | oc | $\frac{30.60}{59}$ | Am |
| 2 | 7 | 0 | | | | | | Water in ship 65 Tons. |
| 3 | 7 | 8 | | | | | | Set Fore and aft sails |
| 4 | 7 | 0 | NNE | 4 | NNW | oc | $\frac{30.60}{57}$ | 9-5. Divisions. Read Prayers |
| 5 | 8 | 0 | | | | | | Made Plain Sail. |
| 6 | 8 | 5 | | | | | | In. Royal S |
| 7 | 8 | 5 | | | | | | |
| 8 | 8 | 5 | | | | | | |
| 9 | 8 | 5 | NE ² N | 4 | NW | oc | $\frac{30.60}{57}$ | |
| 10 | 9 | 0 | | | | | | |
| 11 | 9 | 5 | | | | | | |
| 12 | 10 | 0 | | | | | | |

| | | | | | | | | |
|---|---|---|-------------------|-----|-------|-----|--------------------|--|
| 1 | 9 | 8 | NE ² N | 4.5 | N.W. | bcg | $\frac{30.36}{56}$ | PM |
| 2 | 9 | 8 | | | | | | In Topgallant Sails. |
| 3 | 9 | 8 | | | | | | Quarters. Shortened and |
| 4 | 4 | 8 | ENE | 3.4 | NNW | oc | $\frac{30.48}{56}$ | furled sails. |
| 5 | 4 | 0 | | | | | | Stopped came to with SB |
| 6 | 8 | 5 | at Single anchor | 2 | North | oc | $\frac{30.50}{55}$ | in 8 ⁰⁰ veered to 8 Shackles. |
| | | | Off Stromway | | | | | |

Tuesday.

| | | | | | | | | |
|--|--|--|----------|-----|-------|----|--------------------|---------------------------------|
| | | | | 1.3 | North | oc | $\frac{30.46}{54}$ | Am |
| | | | | | | | | 8-0. Crossed T. G. Yards. |
| | | | | | | | | 9-5. Divisions. Prayers. |
| | | | Stromway | 1 | NW | oc | $\frac{30.49}{59}$ | PM |
| | | | | | | | | Manned and armed Boats |
| | | | | 0 | Calm | oc | $\frac{30.43}{52}$ | 4-0. Quarters. Down T.G. Masts. |

Wednesday.

| | | | | | | | | |
|--|--|--|-----------|---|-------|----|--------------------|-----------------------------|
| | | | | 0 | Calm | oc | $\frac{30.40}{53}$ | Am |
| | | | | | | | | Crossed Royal Yards |
| | | | | | | | | 9-5. Divisions Prayers |
| | | | Stromway. | 0 | — | oc | $\frac{30.45}{53}$ | PM |
| | | | | | | | | Preparing for Sea In Stern |
| | | | | 1 | North | lc | $\frac{30.39}{52}$ | Pinace. Weighed & Proceeded |

U. S. S. "Minstrel" at Sea

Thursday Sept. 20th

| H | R | T | Course | F | Wind | Wca | Bar Ther | Remarks |
|----|---|---|------------------------|-----|------|-----|--------------------|--------------------------------------|
| 1 | 3 | 5 | N ² E 1/2 E | 2 | West | oc | $\frac{30.32}{56}$ | Am |
| 2 | 7 | 0 | | | | | | Sighted Sunset Fl ^g Light |
| 3 | 7 | 0 | | | | | | |
| 4 | 7 | 0 | | | | | | 9-5. Divisions Prayers Spread |
| 5 | 7 | 0 | | | | | | |
| 6 | 7 | 0 | E ² S 1/2 S | 2.3 | West | oc | $\frac{30.35}{56}$ | for Target Practice. |
| 7 | 7 | 0 | | | | | | |
| 8 | 7 | 0 | | | | | | |
| 9 | 7 | 0 | | | | | | Exc ^d General Quarters. |
| 10 | 7 | 0 | | | | | | |
| 11 | 7 | 5 | as req | | | | | |
| 12 | - | - | Target Pract | 3.4 | N W. | bc | $\frac{30.38}{57}$ | Firing shot & shell at Targets |

| | | | | | | | | |
|---|---|---|-------------------------|---|------|------|--------------------|---------------------------------|
| 1 | 3 | 0 | N ² E 1/2 N. | 4 | West | c | $\frac{30.35}{56}$ | Am |
| 2 | 5 | | | | | | | Served out slops to Ships. |
| 3 | 6 | 0 | | | | | | |
| 4 | 6 | 5 | North. | | | | | Company. |
| 5 | 3 | 0 | as req. | 3 | N W | oc | $\frac{30.36}{55}$ | 5.50. Stopped came to with B.B. |
| 6 | - | - | | | | | | in S ^g |
| | | | Moored of b | | | | | Let go S.B. Moored ship with |
| | | | Kirkwall | 1 | - | cdg. | $\frac{30.39}{54}$ | 7 Shackles on each. |

Friday. 23rd

| | | | | | | | | |
|--|--|--|--|---|------------------------|----|--------------------|---------------------------------|
| | | | | 2 | North | oc | $\frac{30.42}{52}$ | Am |
| | | | | | | | | Collie came alongside. Towed |
| | | | | | | | | port Saints Doing Sight |
| | | | | 1 | N ² E 1/2 N | lc | $\frac{30.56}{55}$ | Damage to 2 nd Yawl. |
| | | | | | | | | 7-15. Commenced Coaling. |
| | | | | | | | | Received 160 tons. |
| | | | | 1 | N ² E | lc | $\frac{30.59}{53}$ | Pm |
| | | | | | | | | Cleaning Ships throughout. |

Saturday.

| | | | | | | | | |
|--|--|--|--|-----|------|----|--------------------|---------------------------------|
| | | | | 0 | Calm | bc | $\frac{30.54}{45}$ | Am |
| | | | | | | | | Exc ^d Fire Quarters. |
| | | | | | | | | Cleaning Ship throughout. |
| | | | | 1.3 | West | lc | $\frac{30.55}{52}$ | Pm |
| | | | | | | | | Mustered at Quarters. |
| | | | | 1 | Calm | lc | $\frac{30.46}{57}$ | Revised fuel of sails. |

U. S. "Minstani" at Kirkwall Sunday Sept 25th 87

| Place | F | Wind | Weg | Bar Ther | Remarks |
|----------|---|------|-----|--------------------|---|
| Kirkwall | 1 | NW | oc | $\frac{30.26}{52}$ | <u>Am</u> Sent Roman Catholic's ashore Performed Divine Service |
| | 1 | West | Re | $\frac{30.17}{54}$ | <u>Pm</u> 4-0. Quarters. |
| | 2 | SW | oc | $\frac{30.87}{55}$ | 5-30. Performed Divine Service. |

Monday Sept 26th

| | | | | | |
|----------|-----|------------------|-----|--------------------|---|
| Kirkwall | 1-2 | W ⁴ N | oc | $\frac{29.59}{53}$ | <u>Am</u> Hoisted out boats. Crossed Royal Yards. 8-30. Landed Small arm Companies. Marines & Field guns 12-0. Billo returned |
| | 2 | — | cep | $\frac{29.47}{57}$ | <u>Pm</u> |
| | 2 | — | ocp | $\frac{29.40}{56}$ | Made & mended clothes. |

Tuesday 27th

| | | | | | |
|----------|---|----|----|--------------------|---|
| Kirkwall | 3 | SW | oc | $\frac{29.17}{46}$ | <u>Am</u> 7-0. Unmoored Weighed Starboard Anchor. Crossed Royal Yards |
| | 3 | — | bc | $\frac{29.17}{48}$ | 7-30. Weighed Port anchor & proceeded in company with Squadron. 9-5. Divisions Prayers. |

| H | K | T | |
|----|-----|----|----------|
| 7 | as | as | req. |
| 8 | req | | |
| 9 | 3 | 5 | S 3/4 E. |
| 10 | 6 | 0 | |
| 11 | 7 | 0 | SW 1/2 S |

| | | | | | | | | |
|----|---|---|-----------|---|------------------|----|--------------------|-----------------------------------|
| 1 | 7 | 5 | SW 1/4 W | 2 | 3 ¹ E | 60 | $\frac{29.20}{57}$ | <u>Pm</u> |
| 2 | 7 | 5 | as req. | | | | | Alt Co to SW 1/4 W. |
| 3 | 6 | 5 | at single | | | | | Came to with SB in 15 bars heeled |
| 4 | — | — | anchor | | | | | to 7 shackles. |
| 5 | — | — | of brick | | | | | 4-0 Quarters. |
| 6 | 4 | 5 | | | | | | 5-30. Weighed and proceeded |
| 7 | 4 | 8 | | | | | | 12-0. Midnight |
| 8 | 5 | 0 | | | | | | |
| 9 | 5 | 0 | | | | | | |
| 10 | 5 | 0 | | | | | | |
| 11 | 5 | 0 | | | | | | |
| 12 | 5 | 0 | | | | | | |

H. M. S. "Minstrel" Kirkwall to Cromarty

Wednesday 28th 87

| Hour | Hour | Minutes | Course | Wca | Wind | 7 | Bar Ther | Remarks |
|------|------|-----------------|------------------------|------|---------------------|---|-------------|-----------------------------------|
| 2 | 5 | 0 | S ² E 3/4 E | bc | Calm | 0 | 29.16 60 | Am |
| 3 | 5 | 0 | | | | | | 8-0. Squadron Dispersed for |
| 4 | 5 | 2 | | | | | | target practice. |
| 5 | 4 | 8 | | | | | | |
| 6 | 5 | 0 | | | | | | |
| 7 | 5 | 0 | | bc | 2 nd Air | 1 | 29.36 51 | 8-30. General Quarters. Firing at |
| 8 | 20 | req at. | | | | | | Targets |
| 9 | | target practice | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | 8 | 0 | S ² E | over | Calm | 0 | 29.45 55 | 12-16. Finished Firing. |

| | | | | | | | | |
|-----|---|---|---------------|----|---------------------|-----|-------------|------------------------------------|
| 1/2 | 7 | 0 | as req | bc | NW | 1/2 | 29.30 57 | APM. |
| 3 | 5 | 0 | | | | | | 4-0. Mustered at Quarters. |
| | 4 | 0 | | oc | Calm | 0 | 29.36 52 | Crossed Royal Yards |
| | | | Moored off | | | | | 2-20. Came to with BB |
| | | | Invergardow. | bc | 2 nd Air | 1 | 29.48 57 | in 12 1/2 fathoms. Moored ship. |

Thursday 29th

| | | | | | | | | |
|--|--|--|---------------|----|-------------------|----|-------------|-------------------------------------|
| | | | | oc | SW ² W | 10 | 29.57 42 | Am |
| | | | Moored off | | | | | 9-5. Mustered at Divisions. Prayers |
| | | | Invergardow | oc | NE ² | 7 | 29.87 54 | Landed small arm Companies Pm |
| | | | | | | | | 1-20. Struck Toppallant masts |
| | | | | oc | — | 10 | 29.92 57 | Made & mended clothes. |

Friday 30th

| | | | | | | | | |
|--|--|--|---------------|----|-----------------|---|-------------|--|
| | | | | bc | Calm | 0 | 30.08 52 | Am |
| | | | Moored off | | | | | 8-0. Up Toppallant masts |
| | | | Invergardow | bc | NE ² | 2 | 30.16 55 | 9-30. Prepared for action aloft. Exercised general quarters Pm |
| | | | | | | | | 10-50 Crossed T.G. Yards Topped sails |
| | | | | bc | Calm | 0 | 30.20 53 | 3-30. Furl'd sails. |

H. M. S. "Munster" at Invergordon Saturday Oct 1st 1887

| Place | Dir | Wind | Wva | Bar Ther | Remarks |
|-------------|-----|------|-----|--------------------|--|
| Invergordon | 0 | Calm | lc | $\frac{30.19}{48}$ | Am Cleaning ship throughout & As requisite |
| | 0 | — | lc | $\frac{30.26}{56}$ | Pm 4-o. Quarters. |
| | 2 | NW | lc | $\frac{30.30}{58}$ | Special leave to Port Watch. |

Sunday 2nd

| | | | | | |
|-------------|-----|------|----|--------------------|---|
| Invergordon | 0 | Calm | lc | $\frac{30.30}{52}$ | Am 9-30. Mustered by Divisions |
| | 1/2 | Nath | oc | $\frac{30.31}{52}$ | Pm 10-30. Performed Divine Service Leave to Starboard Watch |
| | 1 | NW | oc | $\frac{30.40}{55}$ | 5-10. Performed Divine Service. |

Monday 3rd

| | | | | | |
|--------------|-----|-----|----|--------------------|---|
| Invergordon. | 1 | WSW | oc | $\frac{30.38}{52}$ | Am Hoisted in steam pinnace Weighed and proceeded with Squadron. |
| | 1 | — | oc | $\frac{30.41}{54}$ | Made Plain sail. |
| | 2/3 | — | lc | $\frac{30.41}{56}$ | Shifted Mizen Topsail. |

| H | K | T. |
|----|---|----|
| 9 | 1 | 5 |
| 10 | 8 | 0 |
| 11 | 8 | 0 |
| 12 | 8 | 2 |

As req.
East.

| | | | | | | | | |
|----|---|---|-------------------|-----|------------------|----|--------------------|--------------------------------|
| 1 | 8 | 0 | SE ² E | 4 | NW | l | $\frac{30.35}{54}$ | Pm |
| 2 | 8 | 0 | | | | | | 2-15. Alt Course to SE 1/2 E |
| 3 | 7 | 0 | | | | | | 2-5. Alt — to E ² S |
| 4 | 6 | 0 | | | | | | 4-o. Quarters. |
| 5 | 9 | 0 | | | | | | |
| 6 | 7 | 5 | SE 1/2 E | 4 | — | lc | $\frac{30.40}{56}$ | |
| 7 | 6 | 7 | | | | | | |
| 8 | 6 | 5 | | | | | | |
| 9 | 7 | 0 | | | | | | |
| 10 | 7 | 0 | | | | | | Furled sails. |
| 11 | 7 | 0 | | | | | | |
| 12 | 7 | 0 | Slw 3/4 S | 2/3 | Slw ^e | oc | $\frac{30.38}{57}$ | |

H. M. S. "Munster" at Sea.

Tuesday 4th 1887.

| H | K | T | Course | F | Wind | Wear | Bar Ther | Remarks |
|----|---|---|----------|-----|-------------------|------|--------------------|--------------------------------|
| 1 | 7 | 0 | SW 3/4 S | 2 | SW ¹ | bc | $\frac{30.41}{50}$ | Am |
| 2 | 7 | 0 | | | | | | 2-50. Sighted Bell Rock Light. |
| 3 | 7 | 0 | | | | | | 4-30. Eased to 18 Pews. |
| 4 | 7 | 0 | | | | | | |
| 5 | 7 | 0 | | | | | | |
| 6 | 6 | 5 | West | 1.2 | --- | --- | $\frac{30.42}{54}$ | 8-0. Alt. Course to West. |
| 7 | 4 | 5 | | | | | | exercised steam Rackets. |
| 8 | 4 | 5 | | | | | | |
| 9 | 4 | 5 | | | | | | |
| 10 | 7 | 5 | | | | | | |
| 11 | 8 | 0 | | 3 | West ¹ | bc | $\frac{30.42}{57}$ | Finished ditto. |
| 12 | 6 | 5 | | | | | | |

| | | | | | | | | |
|---|---|---|-------------------------------|---|-------------------|-----|--------------------|--|
| 1 | 5 | 0 | West | 1 | West ¹ | bc | $\frac{30.42}{53}$ | Pm |
| 2 | 5 | 0 | | | | | | 1-15. Curlew parted Company. |
| 3 | 5 | 0 | W 3/4 N | | | | | 4-0. Mustered at Quarters. |
| 4 | 5 | 0 | as req. | | | | | |
| | | | Moored in Tide of Lough | 2 | --- | bc | $\frac{30.43}{49}$ | 4-30. Stopped engine. Came to with SB. Moored ship. Got steam pinnace & picket boat. |
| | | | | 1 | --- | --- | $\frac{30.47}{36}$ | |

Wednesday.

| | | | | | | | | |
|--|--|--|-------------|---|------|----|--------------------|--|
| | | | Queensferry | 0 | Calm | bc | $\frac{30.35}{45}$ | Am |
| | | | | | | | | 6-30. Lit fire in steam pinnace |
| | | | | 2 | West | oc | $\frac{30.37}{52}$ | 8-0. Fired at gun & hoisted CM Jack. 9-5. Drissions |
| | | | | | | | | Pm 4-0. Mustered at Quarters |
| | | | | 0 | Calm | oc | $\frac{30.30}{52}$ | 6-30. Dred fire in Picket boat |

Thursday.

| | | | | | | | | |
|--|--|--|-------------|-----|-------------------|-----|--------------------|--|
| | | | Queensferry | 1 | NW | oc | $\frac{30.18}{30}$ | Am |
| | | | | | | | | 7-0. Commenced coaling. |
| | | | | 3.4 | --- | bc | $\frac{30.10}{53}$ | 12-0. Rec ^d 14 9 tons. Pm 1-15. Finished Coaling Rec ^d 17 8 tons |
| | | | | 3 | West ¹ | --- | $\frac{30.05}{57}$ | Cleaning ship throughout |

U. S. "Minstau" At Queensferry Friday 7th 1887.

| Place | 7 | Wind | Wea | Bar Ther | Remarks |
|-------------|---|-----------------|-----|--------------------|---|
| Queensferry | 3 | SW | bc | $\frac{29.98}{57}$ | <u>Am</u> 4-25 Lit fire in picket boat 9-5. Divisions, Prayers. Hands |
| | 2 | West | oc | $\frac{29.92}{53}$ | employed cleaning ship <u>Pm</u> Employed rigging stage & cleaning |
| | 1 | SE ² | oc | $\frac{29.99}{52}$ | Ship. Crew fire in steam barge |

Saturday 8th

| | | | | | |
|-------------|---|------|----|--------------------|--|
| Queensferry | 0 | Calm | oc | $\frac{29.93}{43}$ | <u>Am</u> 4-30 Lit fire in picket boat. Employed cleaning ship & as req. |
| | 2 | NE | bc | $\frac{30.01}{43}$ | <u>Pm</u> Employed rigging stage. |
| | 0 | Calm | oc | $\frac{29.97}{47}$ | 12-0. Crew fire in Picket boat. |

Sunday 9th

| | | | | | |
|-------------|---|------|----|--------------------|--|
| Queensferry | 0 | Calm | bc | $\frac{29.92}{42}$ | <u>Am</u> 8-0. Sent Roman Catholics ashore 9-30. Divisions. Performed Divine |
| | 2 | East | bc | $\frac{29.85}{42}$ | Service. Roman Catholics returned <u>Pm</u> 4-0. Mustered at Quarters |
| | 2 | NNE | bc | $\frac{29.74}{39}$ | 7-30. Crew fire in picket boat. |

Monday 10th

| | | | | | |
|-------------|-----|-------|----|--------------------|--|
| Queensferry | 1 | North | bc | $\frac{29.71}{41}$ | <u>Am</u> 6-30. Lit fire in steam kinnace 9-5 Divisions. Prayers. |
| | 3 | NE | bc | $\frac{29.76}{47}$ | <u>Pm</u> Privilege leave to Starboard watch 6-0. Crew fire in picket boat |
| | 2.4 | North | bc | $\frac{29.74}{42}$ | |

U. S. "Meridian" at Queensferry Tuesday 11th 1887

| Place | 7 | Wind | Wk | Bar Ther | Remarks |
|-------------|-----|------|-----|--------------------|---|
| Queensferry | 2.3 | NW | bcy | $\frac{29.75}{40}$ | Am 5.0. Let fire in picket boat |
| | 2 | --- | lc | $\frac{29.71}{47}$ | 9.5. Divine. Read Prayers Pm Preparing for sea. |
| | 2 | NNW | lc | $\frac{29.70}{40}$ | 8.15. Gun fire in Steam-pinnac |

KT Course Wednesday

| | | | | | | |
|----|----------|-----|--------|------|--------------------|--|
| 00 | SE 1/2 S | 4.7 | NNW | opg | $\frac{29.48}{57}$ | Am |
| 40 | SE 3/4 S | | | | | 7.55. Weighed starboard anchor, weighed port anchor & proceeded 32 Revs. |
| 60 | | | | | | Shaped Course SE 1/2 S. |
| 65 | S 3/4 E | 4.7 | NNE | opg | $\frac{29.59}{50}$ | Pm |
| 65 | | | | | | 2.35 Alt. Co. to SE 3/4 S |
| 55 | | | | | | 3.15. Reduced to 24 Revs. |
| 55 | | 4.8 | NE 3/4 | ocpg | $\frac{29.62}{52}$ | 4.0. Quarters Hoisted T.G. Masts. |

Thursday 13th

| | | | | | | |
|----|-------------------|-----|----------|------|--------------------|-------------------------------|
| 52 | S 3/4 E | 3.0 | NE 3/4 E | ocpg | $\frac{29.65}{52}$ | Am |
| 50 | S 3/4 E 1/2 E 3/4 | | | | | 2-10. Sighted Whilly Light |
| 50 | | | | | | 6.0. Increased 28 Revs. |
| 70 | | 4.8 | --- | --- | $\frac{29.72}{50}$ | 9.5. Divine Prayers. |
| 80 | Northw. | | | | | 11.20 Altered Course to North |
| 40 | | | | | | Read Warrant 1055. 1056. |
| 85 | North | 4.8 | --- | bcpg | $\frac{29.80}{50}$ | 12.0. Noon |

| | | | | | | |
|----|---------------|-----|----------|------|--------------------|---|
| 25 | North | 4.7 | NE 3/4 N | bcpg | $\frac{29.90}{53}$ | Pm |
| 25 | | | | | | 4.0. Mustered at Quarters |
| 25 | | | | | | Chumb Log showed 24.5 Harpoon 20. |
| 25 | | 4.7 | N 1/4 E | --- | $\frac{29.93}{50}$ | Altered Course to NNE |
| 25 | | | | | | 11.45. Eased to 20 Revs. |
| 25 | N 3/4 E 1/2 E | --- | North | ocpg | $\frac{29.88}{50}$ | 11.30 Agincourt hauled out of line to clear wreck of Gibson |

U.S. "Minstau" at Sea.

Friday October 14th 1887.

| H | K | T | Course | 7 | Wind | Wear | Bar Ther | Remarks |
|----|---|---|------------------------|-----|-------|------|-------------|---|
| 1 | 2 | 5 | N ² E 1/2 E | 4.7 | NW. | ocq | 29.78 52 | Am |
| 2 | 2 | 5 | | | | | | |
| 3 | 6 | 3 | S 1/2 E | | | | | Increased to 24 Revolutions |
| 4 | 6 | 5 | S 1/2 W. | | | | | 2-0. Alt. Course 13 ^{pts} to Starboard |
| 5 | 6 | 2 | | | | | | |
| 6 | 6 | 2 | | | | | | 2-30 Alt Course to S 1/2 W |
| 7 | 6 | 5 | | 5.8 | West. | -- | 29.77 50 | 4-0. Lit fire in all boilers |
| 8 | 6 | 5 | | | | | | |
| 9 | 6 | 5 | | | | | | |
| 10 | 6 | 5 | E ² S 3/4 S | | | | | 9-5. Divine Prayers. Increased 34 |
| 11 | 6 | 5 | | | | | | |
| 12 | 6 | 5 | | 9 | North | bcq | 29.65 52 | Alt. Course to E ² S. |

| | | | | | | | | |
|----|---|---|--------------------|-----|-------|-----|-------------|--------------------------------------|
| 1 | 6 | 5 | E ² S. | 10 | North | q | 29.64 49 | Pm |
| 2 | 6 | 5 | | | | | | 2-30 Sounded in 22 fath. Line and |
| 3 | 6 | 5 | | | | | | Cherub Log showed 26 miles |
| 4 | 6 | 5 | | | | | | |
| 5 | 6 | 5 | | | | | | |
| 6 | 6 | 5 | E ast. | | | | | Read warrants 1080, 1081, 1082, 1083 |
| 7 | 6 | 5 | | 7.9 | -- | bcq | 29.70 49 | 4-0. Quarters 4-30 carried away |
| 8 | 6 | 5 | SE 1/4 S. | | | | | wire of sounding machine |
| 9 | 7 | 5 | | | | | | 8-30 Altered Course to SE |
| 10 | 7 | 8 | | | | | | Alt. Course to S. |
| 11 | 7 | 8 | | | | | | |
| 12 | 8 | 0 | South ² | 3.7 | NNE | -- | 29.73 50 | |

Saturday 15th

| | | | | | | | | |
|----|----|---|----------|-----|--------------------|-----|-------------|--|
| 1 | 8 | 0 | South | 4.5 | North ² | bcq | 29.71 52 | Am |
| 2 | 8 | 0 | | | | | | 2-55. Alt Course to SW. |
| 3 | 8 | 5 | | | | | | |
| 4 | 9 | 0 | SW 1/4 S | | | | | 2-55. Increased to 34 Revs. |
| 5 | 9 | 0 | | | | | | |
| 6 | 9 | 2 | | | | | | 3-0. Squared yards. |
| 7 | 10 | 0 | | 6.8 | -- | -- | 29.86 50 | 4-30. Increased to 40 Revs. Set Reefed |
| 8 | 10 | 0 | SW 1/4 S | | | | | Loose. |
| 9 | 1 | 0 | | | | | | Made plain sail to Double |
| 10 | 11 | 0 | | | | | | |
| 11 | 8 | 0 | | | | | | |
| 12 | 8 | 5 | SSW | 7 | NNE | -- | 30.00 52 | Reef topsails |

| | | | | | | | | |
|----|----|---|----------|-----|-----|-----|-------------|----------------------------------|
| 1 | 11 | 0 | SW | 8 | NNE | bcq | 30.02 50 | Pm |
| 2 | 11 | 0 | | | | | | Turled sails. Eased to 24 Revs |
| 3 | 11 | 0 | | | | | | 4-0. Mustard at quarters |
| 4 | 8 | 0 | As req. | | | | | |
| 5 | - | - | sounding | | | | | |
| 6 | - | - | of | | | | | |
| 7 | - | - | gun | 3.5 | ENE | bcq | 30.15 47 | Eased to 20 Revs. Stopped engine |
| 8 | - | - | sails | | | | | |
| 9 | - | - | | | | | | 5-30 Came to with BB reed to |
| 10 | - | - | Anchored | | | | | 13 shackles in 9 1/2 fathoms |
| 11 | - | - | of | | | | | |
| 12 | - | - | deal. | 2 | -- | bc | 30.23 47 | Flowed T.G. masts. |

U. S. "Munster" at Seal.

Sunday Oct 16th 1884

| Position | F | Wind | Weg | Bar Ther | Remarks |
|----------|-----|-------|-----|--------------------|--|
| Seal. | 1 | NW | lc | $\frac{30.30}{43}$ | Am Tided. J. G. Masts. Mended pul of sails. Dirsun. |
| | 2-3 | NNW | lc | $\frac{30.47}{55}$ | 10-30. Performed Divine Service Pm Sighted Dutch man-of-war. 4-0. Quarters. Performed Divine Ser. |
| | 1 | North | bcn | $\frac{30.46}{48}$ | |

Monday Oct 17th

| | | | | | | | | |
|----|---|----------|-----|----------|-----|--------------------|---|------------------------|
| 1 | - | 6fb. | 1 | h w | lc | $\frac{30.45}{45}$ | Am | |
| 2 | - | Seal. | | | | | 8-0. Crossed Royal Yards. | |
| 3 | - | | | | | | Esc ^d General Quarters. Qu ¹ Ex aloft | |
| 4 | - | | | | | | Prepared for action aloft. | |
| 5 | 5 | | | | | | | |
| 6 | 7 | SW 3/4 W | 2-3 | | bcn | $\frac{30.57}{57}$ | Pm | Curlew Parted Company. |
| 7 | 7 | | | | | | 3-0. Shortened in to 3 Shackles | |
| 8 | 7 | | | | | | 4-15. Weighed and proceeded. | |
| 9 | 7 | | | | | | | |
| 10 | 7 | | | | | | | |
| 11 | 4 | W 1/4 N. | 2 | h. h. w. | | $\frac{30.61}{53}$ | | |
| 12 | 7 | | | | | | | |

Tuesday 18th

| | | | | | | | | |
|----|---|---------------|-----|-------|-----|--------------------|--------------------------------|--|
| 1 | 7 | W 3/4 N | 1-2 | h w. | bcn | $\frac{30.64}{54}$ | Am | |
| 2 | 7 | | | | | | | |
| 3 | 7 | | | | | | | |
| 4 | 7 | | | | | | | |
| 5 | 7 | | | | | | | |
| 6 | 7 | NW 1/2 NW 1/2 | 1 | North | lc | $\frac{30.68}{53}$ | Esc ^d Steam Tactic. | |
| 7 | 3 | | | | | | | |
| 8 | 7 | | | | | | | |
| 9 | 7 | | | | | | | |
| 10 | 7 | | | | | | | |
| 11 | 0 | as req. | | | | | | |
| 12 | 7 | Steam Tactic | 2 | | lc | $\frac{30.65}{53}$ | | |

| | | | | | | | | |
|----|---------|---------------|-----|------------------|----|--------------------|----|--|
| 1 | 7 | as req. | 1-2 | N ¹ W | lc | $\frac{30.54}{64}$ | Pm | |
| 2 | 0 | in | | | | | | |
| 3 | 7 | Steam Tactic | | | | | | |
| 4 | As req. | | | | | | | |
| 5 | - | | | | | | | |
| 6 | - | at. | 1 | North | lc | $\frac{30.58}{49}$ | | |
| 7 | - | | | | | | | |
| 8 | - | single anchor | | | | | | |
| 9 | - | in | | | | | | |
| 10 | - | | | | | | | |
| 11 | - | Portland | 1 | Calm | lc | $\frac{30.57}{57}$ | | |
| 12 | - | | | | | | | |

H. M. S. "Minstrel" At Portland Wednesday Sept 19th 1887

| Place | F | Wind | Wear | Bar Ther | Remarks |
|-----------------------------------|---|------|------|--------------------|--|
| Portland. | 1 | NE | lc | $\frac{30.53}{46}$ | Am 8-0. Crossed Royal Yards. |
| At Steam tactics Off. Portland | 1 | SE | --- | $\frac{30.55}{57}$ | 9-0. Division's Prayers. Weighed & proceeded. Ex? Steam tactics Finished 8- Pm. |
| Portland. | 3 | SW | --- | $\frac{30.52}{55}$ | Commenced Steam tactics Finished 8- 3-55 Anchored with BB in 7 $\frac{1}{2}$ batt. |

Thursday Oct 20th

| | | | | | |
|------------------------------------|-----|------|----|--------------------|---|
| Portland. | 1 | Calm | lc | $\frac{30.45}{50}$ | Am 8-0. Crossed Royal Yards. |
| At Steam tactics Off. Portland. | 1-2 | NNW | lc | $\frac{30.47}{56}$ | 9-5. Division's Prayers. Weighed & proceeded. Ex? Steam tactics Finished do. --- Pm. |
| at single & in Portland. | 1 | --- | lc | $\frac{30.40}{57}$ | 1-40. Stopped Came to with BB in 7 $\frac{1}{2}$ batt. Making and mending clothes. |

Friday Oct 21st

| | | | | | |
|-------------------------------|---|------------------|----|--------------------|---|
| As req. Steam for tactics. | 2 | NE | lc | $\frac{30.47}{47}$ | Am 8-0. Crossed Royal Yards 9-5. Division's Prayers. Shortened in |
| At Portland Roads. | 3 | --- | lc | $\frac{30.53}{47}$ | to 2 shackles. Weighed S tarboard anchor and proceeded. 28 Nws. Commenced Steam tactics Ex? Jan 9- Pm. |
| | 3 | E ^s S | lc | $\frac{30.56}{57}$ | Finished do. 1-30. Came to with BB in Potter |

Saturday Oct 22nd

| | | | | | |
|---|---|------|-----|--------------------|--|
| at single anchor in Portland Roads | 2 | East | lc | $\frac{30.46}{47}$ | Am Cleaning ship throughout. 8-0. Training Squad. arrived. Fired |
| | 3 | SE | red | $\frac{30.58}{50}$ | At gun & hoisted C.M. Jack. Pm. |
| | 1 | --- | lc | $\frac{30.52}{49}$ | 4-0. Quarter for steam pinnace 6-0. Training Squadron weighed & proceed |

U. S. "Minstam" from Portland to Spithead. Sunday Oct 23rd

| H | K | T | Course | F | Wind | Weg | Bar | Remarks |
|----|---|---|--|-----|------------------|-----|--------------------|---|
| 1 | - | - | at | 1 | SE | lc | $\frac{30.40}{48}$ | Am |
| 2 | - | - | Single t | | | | | 5-0 Shorten in to 2 Shackles |
| 3 | - | - | in | | | | | |
| 4 | - | - | Portland | | | | | 6-0. Weighed and proceeded |
| 5 | - | - | | | | | | |
| 6 | 0 | 0 | E SE | 1.2 | E ^s S | oc | $\frac{30.36}{49}$ | with 1 st Div. 2 nd Div. Parted Company |
| 7 | 0 | 0 | | | | | | |
| 8 | 9 | 0 | E ^s S ¹ / ₂ S | | | | | 9-30. Surveys. |
| 9 | 9 | 0 | | | | | | |
| 10 | 6 | 0 | | | | | | 10-30 Performed Surine Service. |
| 11 | 3 | 0 | | | | | | |
| 12 | 4 | 5 | E ast. | 1 | E NE | lc | $\frac{30.53}{48}$ | |

| | | | | | | | | |
|---|----|----|-----------|---|------|----|--------------------|--|
| 1 | 5 | 0 | As | 2 | West | lc | $\frac{30.19}{50}$ | Pm |
| 2 | as | 24 | req in | | | | | 1-0 Stopped. Came to with BB |
| 3 | - | - | | | | | | in 13 ⁰⁰ Veed to 7 Shackles |
| 4 | - | - | Spithead | | | | | |
| 5 | - | - | | | | | | |
| | | | at Single | 1 | WNW | oc | $\frac{30.16}{49}$ | Gave privilege leave to Port |
| | | | at | | | | | Watch |
| | | | Spithead | 1 | -- | lc | $\frac{30.16}{49}$ | 4-0 Quarters Out Steam pinnac |

Monday 24th

| | | | | | | | | |
|--|--|--|-------------------|-----|-------|----|--------------------|------------------------------------|
| | | | at | 3-4 | North | lc | $\frac{29.94}{51}$ | am |
| | | | Single anchor | 3-4 | -- | lc | $\frac{30.04}{49}$ | 4-15. Lit fire in Steam pinnac |
| | | | Spithead | | | | | 7-30 Powder Lighter came alongside |
| | | | | | | | | Hands employed hoisting out powder |
| | | | Alongside h. Wall | 3 | -- | lc | $\frac{30.01}{50}$ | Pm |
| | | | | | | | | Weighed and proceeded up |
| | | | | | | | | harbour. |

Tuesday 25th

| | | | | | | | | |
|--|--|--|------------|-----|---------|----|--------------------|------------------------------|
| | | | Secured | 2-3 | NW | lc | $\frac{30.02}{50}$ | am |
| | | | alongside | 2 | h. h. W | oc | $\frac{29.98}{48}$ | Pm |
| | | | North Wall | 1-2 | -- | lc | $\frac{29.82}{50}$ | Hands employed cleaning ship |

H. S. Hindman at Portsmouth Oct 26th 1887

| Place | F | Wind | W | W | Bar | Remarks |
|------------------------------------|-----|------|-----|---|--------------------|---|
| Secured alongside North Wall | 1.2 | NW. | bc | | $\frac{29.81}{50}$ | Am. Hands employed unreeving. |
| | 1 | --- | --- | | $\frac{29.76}{51}$ | Running rigging and emp. as requisite. |
| | 0 | Calm | --- | | $\frac{29.81}{5}$ | |

Thursday 27th

| | | | | | | |
|-----------|-----|------|----|--|--------------------|--|
| alongside | 0 | Calm | oc | | $\frac{30.45}{44}$ | Am. Hands employed as usual and cleaning |
| | 1.2 | SE | bc | | $\frac{30.50}{48}$ | Ship |
| | 0 | Calm | oc | | $\frac{31.1}{17}$ | |

Friday

| | | | | | | |
|-------|-----|------|----|--|--------------------|--|
| North | 0 | Calm | oc | | $\frac{30.08}{56}$ | Am. Hands employed unreeving all gear. and as requisite |
| | 1.2 | SE | oc | | $\frac{30.22}{81}$ | |
| | 3 | SSE | - | | $\frac{30.32}{60}$ | |

Saturday

| | | | | | | |
|-------|---|------|----|--|--------------------|---|
| Wall. | 2 | NW | bc | | $\frac{29.60}{55}$ | Am. Hands employed as usual. Down Topsail Yards and Lower yards. |
| | 1 | West | oc | | $\frac{29.59}{61}$ | |
| | 1 | --- | oc | | $\frac{29.65}{67}$ | |

U. S. "Minstau" at Portsmouth Sunday Oct 20th 1887

| Wind | F | Wea | Bar | Ther | Remarks |
|---------|---|------|-----|-------|---------------------------------|
| Calm | 0 | bc | 56 | 30.00 | Am. |
| | | | | | Sent Church parties. |
| SE Airs | 1 | oc | 57 | 30.22 | Pm. |
| | | | | | Exc ^d Fire Quarters. |
| WNW | 2 | over | 60 | 30.32 | |

Monday 31st

| | | | | | |
|------|-----|----|----|-------|-------------------|
| Calm | 0 | bc | 56 | 30.34 | Am. |
| | | | | | Hands employed as |
| --- | --- | b- | 57 | 30.40 | usual. |
| | | | | | Landed patrol. |
| --- | --- | oc | 54 | --- | |

Tuesday 1st

| | | | | | |
|----------|---|-----|----|-------|---|
| Calm. | 0 | bc | 56 | 30.00 | Am |
| | | | | | Hands employed as |
| SE Airs. | 1 | --- | 57 | 30.22 | usual. |
| | | | | | Granted special leave to S ^t . |
| --- | 1 | --- | 60 | 30.32 | |

Wednesday 2nd

| | | | | | |
|------|-----|------|----|-------|--------------------------------|
| SSW. | 3-4 | bc | 61 | 30.35 | Am |
| | | | | | Hands employed as usual. |
| --- | 3 | --- | 59 | 30.26 | Pm |
| | | | | | Exc ^d Fire station. |
| WNW | 1 | over | - | 30.20 | |

U. S. S. "Mintaur" at Portsmouth Nov^r 3rd 1887

| Wind | 7 | Wind | Wec | Bher | Remarks. |
|-----------------------|-----|------|-----|--------|--|
| N E. | 3.5 | oc | 56 | 30.10 | <u>Am</u> Hands employed as usual. |
| N. E. $\frac{1}{2}$ E | 3.4 | bc | 55 | 30.14 | <u>Pm.</u> 4-o. Quarters. 2 ¹ / ₂ Fire Stations |
| E $\frac{1}{2}$ S | 3.2 | oc | 50 | 30.12. | |

Friday 4th

| | | | | | |
|--------|-----|------|----|-------|--|
| N N E. | 1 | oc | 54 | 30.21 | <u>Am.</u> 9-5. Divisions. Read Players. |
| Caln. | 0 | bc | 52 | 30.22 | <u>Pm</u> Hands employed as usual |
| N W. | 1.2 | ocqr | 56 | 30.24 | |

Saturday 5th

| | | | | | |
|--------|-----|------|----|-------|---|
| S S W. | 2.3 | oc | 48 | 29.81 | <u>Am</u> Hands employed as usual |
| S W. | 3 | ocqr | 50 | 29.80 | <u>Pm</u> 4-o Quarters. Read fire Quarters. |
| West. | 3.4 | ocqr | 51 | 29.76 | |

Sunday 6th

| | | | | | |
|-------------------|-----|----|----|-------|--|
| N ^o W. | 1.2 | bc | 57 | 30.01 | <u>Am</u> 9-30. Divisions. Landed church parties |
| Caln. | 0 | b | 55 | 30.06 | <u>Pm.</u> 4-o. Quarters. Read fire Stations |
| N W. | 1 | bc | 50 | 29.98 | |

U. S. "Minstau" at Portsmouth Nov. 7th 1887.

| Wind | # | Wea | Bar | Ther | Remarks |
|-------|-----|-----|-----|-------|---|
| Calw. | 0 | bc | 54 | 29.84 | <u>Am</u> Hands employed cleaning |
| SSE | 2-3 | ocq | 52 | 29.79 | Ship and as usual, <u>Pm</u> 4-o. Quarters. Exercised |
| East | 3-4 | ocq | 49 | 29.78 | Fire Quarters. |

Tuesday 8th

| | | | | | |
|-----|-----|------|----|-------|--|
| SW. | 3-4 | ocq. | 48 | 29.74 | <u>Am</u> Hands employed as usual |
| SSW | 4-5 | ocq | 50 | 29.72 | Starboard watch returned Off leave. |
| SW. | 2-3 | ocq | 52 | 29.73 | Gave general leave to P. Watch |

Wednesday.

| | | | | | |
|--------|------|------|-----|--------|---|
| South. | 1-2. | bc | 45. | 29.75 | <u>Am.</u> Hands employed unrigging |
| SW. | 2-3 | ocq. | 48 | 29.78 | gear. <u>Pm</u> Gave special leave to S ^d Wat. |
| --- | 1 | bc | 47 | 29.82. | |

Thursday 10th

| | | | | | |
|------|-----|----|--|--|--|
| SE | 1-2 | bc | | | <u>Am.</u> Hands employed as usual |
| East | 1 | b. | | | <u>Pm.</u> Making & mending clothes |
| ENE | 2 | bc | | | Read Fire Stations |

Returned instruments

H. M. S. "Minstrel" at Portsmouth Nov 11th 1887.

| Wind | Force | Wear | Bar | Ther | Remarks |
|-------|-------|------|-----|------|------------------------------------|
| Calm. | 0 | bc | | | Am. Down. Top masts. |
| NE. | 1.2 | b. | | | Employed getting out torpedoes. |
| NNE | 2. | bc. | | | Read fire stations |

Saturday 12th

| | | | | | |
|------------------|-----|-----|--|--|---|
| North. | 1.2 | bc | | | Am. Employed as usual |
| N ^o E | 2. | oc | | | Pm. Gave privilege leave to Starboard Watch |
| East. | 2.3 | ocg | | | |

Sunday 13th

| | | | | | |
|-------|-----|-----|--|--|----------------------------------|
| SE | 2. | bc | | | Am 9.30. Mustered by Division |
| SSE. | 2.3 | oc. | | | Landed church parties Pm |
| South | 1. | bc. | | | Read fire stations |

Monday 14th

| | | | | | |
|-------|-----|-----|--|--|---|
| NW. | 2.3 | ocg | | | Am Employed as usual |
| NNW. | 2 | -- | | | Pm. Gave privilege leave to Starboard Watch |
| West. | 2. | oc | | | |

U. S. S. "Minotaur" at Portsmouth Nov. 15th 1887.

| Wind | Force | Wear | Bar | Therm | Remarks |
|-------|-------|------|-----|-------|--|
| NW. | 1-2 | oc | | | <u>Am</u> Employed shifted billets |
| North | 1-2 | bc | | | to tidal basin. |
| NNE | 2 | oc | | | <u>Pm</u> Port watch returned off leave Gave Privilege leave to S.W. |

Wednesday 16th

| | | | | | |
|------------------|-----|----|--|--|-------------------------------------|
| N ² E | 2-3 | oc | | | <u>Am</u> Hands employed getting |
| East. | 1 | oc | | | out heavy guns. |
| E ² S | 1-2 | bc | | | <u>Pm</u> Read Fire Stations |

Thursday 17th

| | | | | | |
|------------------|---|----|--|--|--|
| SE | 1 | bc | | | <u>Am</u> Preparing for paying off. |
| S ² E | 2 | oc | | | Getting out guns etc. |
| SSW. | 1 | bc | | | Read Fire Stations. |

Friday 18th

| | | | | | |
|-------------------|---|----|--|--|---------------------------------------|
| SW. | 2 | oc | | | <u>Am</u> Preparing for paying off |
| SW. | 1 | b. | | | Getting out guns & |
| W ² S. | 2 | bc | | | Stores. |

U. S. S. "Minnesota" at Portsmouth Nov. 19th 1887.

| Wind | 7 | Wind | Bar | Ther | Remarks |
|-------|---|------|----------------------|------|------------------------------|
| Calm. | 0 | bc | Returned instruments | | Am. Preparing for paying. |
| SE | 1 | b. | | | Cleaning ship. |
| Calm | 0 | bc | | | Getting out Heavy gun etc. |

Sunday 20th

| | | | | | |
|----------|-----|----|----------------------|--|-------------------------------|
| SE. Ais. | 1 | bc | Returned instruments | | Am. 9.30. Divisions. Sent. |
| SE. | 1.2 | bc | | | Church parties |
| Calm | 0 | b. | | | Read Fire Stations |

Monday 21st

| | | | | | |
|-------|-----|------|----------------------|--|----------------------------------|
| SW. | 2.3 | bc | Returned instruments | | Am. Getting out guns & stores |
| SSW. | 2.4 | ocq | | | Finished getting out Heavy |
| West. | 3 | ocqz | | | guns Read Fire Stations |

Tuesday 22nd

| | | | | | |
|------------------|-----|------|----------------------|--|--|
| S ^W . | 1.2 | bc | Returned instruments | | Am. Employed getting out |
| West | 2.3 | ocq | | | Stores. |
| NW. | 4 | ocqz | | | Gave privilege Leave to Port Watch. |

