

Journal of Steamer Karluk from San Francisco

Journal of A. H. M. Gergen Master from

| HOURS. | KNOTS. | FATHOMS. | COURSES. | WINDS. | LEEWAY. | BAROMETER. | TEMP. | REMARKS. |
|--------|--------|----------|----------|--------|---------|------------|-------|---------------------------------------|
| 1 | | | | | | | | A. M. Thursday Nov 1 st at |
| 2 | | | | | | | | all three 24 hours light |
| 3 | | | | | | | | brees from N ship under |
| 4 | | | | | | | | all sail steering E by S |
| 5 | | | | | | | | filled up the boiler |
| 6 | | | | | | | | |
| 7 | | | | | | | | Friday Nov 2 nd |
| 8 | | | | | | | | first Part light air Middle |
| 9 | | | | | | | | & latter Part fresh breezes |
| 10 | | | | | | | | from SW to N & squally |
| 11 | | | | | | | | no ends steering E by S |
| 12 | | | | | | | | |
| 1 | | | | | | | | P. M. Saturday Nov 3 rd |
| 2 | | | | | | | | all three 24 hours fresh |
| 3 | | | | | | | | brees from N steering |
| 4 | | | | | | | | E half S no ends this day |
| 5 | | | | | | | | |
| 6 | | | | | | | | Sunday Nov 4 th |
| 7 | | | | | | | | all three 24 hours fresh |
| 8 | | | | | | | | brees from NW to SW |
| 9 | | | | | | | | ship under sail steering |
| 10 | | | | | | | | E half S no ends |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

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|--------|--------|----------|----------|--------|---------|------------|-------|---------------------------------------|
| 1 | | | | | | | | A. M. Friday Nov 9 th 1886 |
| 2 | | | | | | | | all three 24 hours fresh |
| 3 | | | | | | | | brees from S with |
| 4 | | | | | | | | plenty of rain steering |
| 5 | | | | | | | | E half S no ends |
| 6 | | | | | | | | |
| 7 | | | | | | | | Saturday Nov 10 th |
| 8 | | | | | | | | first Part fine breezes from |
| 9 | | | | | | | | SW steering E half S latter |
| 10 | | | | | | | | Part light air & calm ship |
| 11 | | | | | | | | under sail wind from |
| 12 | | | | | | | | SE to S no ends this day |
| 1 | | | | | | | | P. M. implojed in ship's Duty |
| 2 | | | | | | | | |
| 3 | | | | | | | | Sunday Nov 11 th |
| 4 | | | | | | | | first Part light air Middle |
| 5 | | | | | | | | & latter fine breezes from |
| 6 | | | | | | | | SE ship heading E by S |
| 7 | | | | | | | | got steam to day & steam |
| 8 | | | | | | | | for about 5 minutes |
| 9 | | | | | | | | then let the steam run |
| 10 | | | | | | | | down & made sail no |
| 11 | | | | | | | | ends Working ship |
| 12 | | | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|---------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|---------|-------------|

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in | Lon. by Ob. |
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|--------|--------|----------|----------|--------|---------|------------|-------|----------------------------------|
| 1 | | | | | | | | A. M. Monday Nov 5 th |
| 2 | | | | | | | | all three 24 hours fresh |
| 3 | | | | | | | | brees from W steering |
| 4 | | | | | | | | E half S no ends this day |
| 5 | | | | | | | | |
| 6 | | | | | | | | Tuesday Nov 6 th |
| 7 | | | | | | | | all three 24 hours light |
| 8 | | | | | | | | air from SE no ends |
| 9 | | | | | | | | with rain |
| 10 | | | | | | | | |
| 11 | | | | | | | | Wednesday Nov 7 th |
| 12 | | | | | | | | all three 24 hours light |
| 1 | | | | | | | | P. M. brees from S steering |
| 2 | | | | | | | | E half S some fog |
| 3 | | | | | | | | |
| 4 | | | | | | | | Thursday Nov 8 th |
| 5 | | | | | | | | all three 24 hours fresh |
| 6 | | | | | | | | brees from S steering |
| 7 | | | | | | | | E half S latter Part |
| 8 | | | | | | | | fresh Gale ship under |
| 9 | | | | | | | | lowe Topail & Stajacks |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

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| 1 | | | | | | | | A. M. Monday Nov 12 th |
| 2 | | | | | | | | first & Middle Part fine |
| 3 | | | | | | | | brees from S ship under |
| 4 | | | | | | | | sail latter Part calm |
| 5 | | | | | | | | ship under steam |
| 6 | | | | | | | | steering E by S D. is to |
| 7 | | | | | | | | Point Hayes 130 miles at |
| 8 | | | | | | | | 3 PM by the log no ends |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 1 | | | | | | | | P. M. |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|---------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|------------|---------------|---------|-------------|

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation. | Diff. of Lon. | Lon. in | Lon. by Ob. |
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