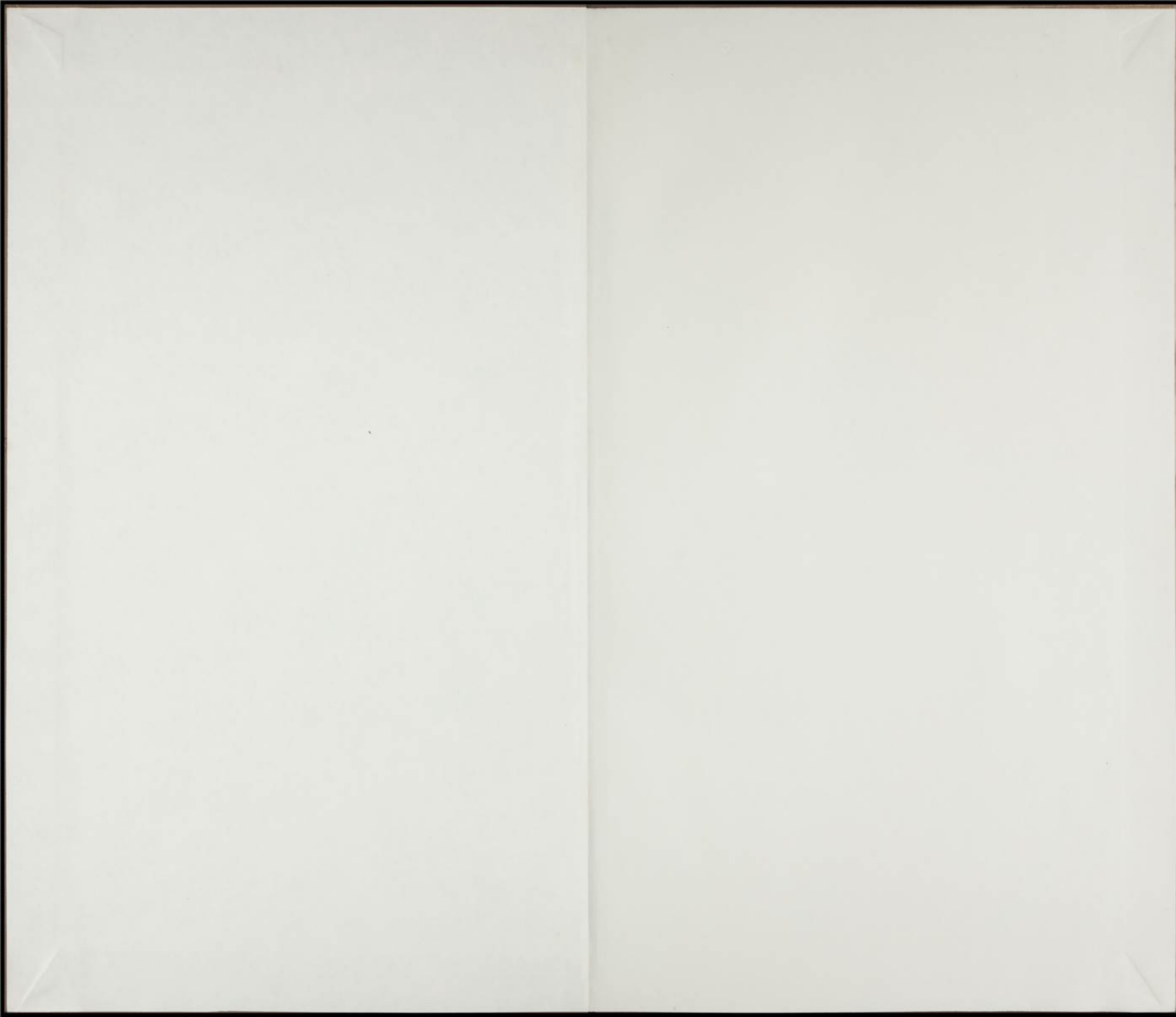
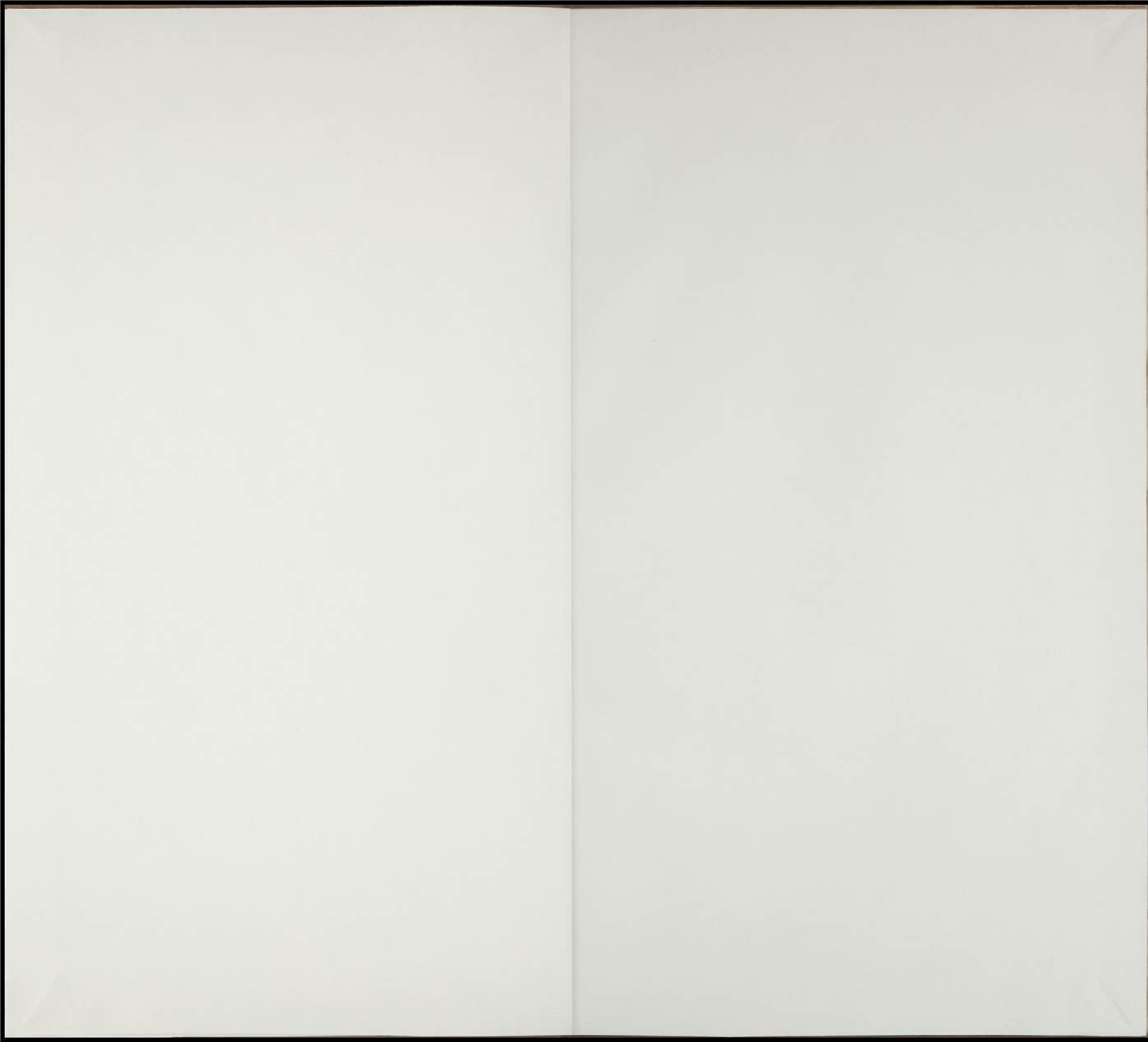


VOLUME II

13 NOV 1898 - 4 NOV 1899





Nov 13 1898 - Nov 4 1899



LOG BOOK.

Voyages of the

Ship 'Enterpe'

Commanded by

Capt. C. G. Saxe.



From Tacoma towards Adelaide Australia

H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of	189
1	Sunday Nov 13 th			Wind NW. fresh breezes fair weather, at 7.30 a.m.							
2	1898.			sack off from the bang. in tow of the tug Pioneer							
3				off Fort Townsend 4 p.m.							
4				Crew consist of							
5				Olaf Rod 1 st mate							
6				Mr. Nils 2 nd							
7				Ch. Backlund Carpenter							
8				A. Martins d.M.							
9				Arthur Dixon							
10				John Wilson							
11				William Ross							
12				John Brown							
1				Paul Jacobs							
2				John Curry							
3				J. Williamson							
4				Ch. Clark							
5				Fred Wallace.							
6											
7											
8											
9	Monday 14 th Nov.			Wind hauling to the west & south. & SE.							
10	1898			at 1 a.m. came to an anchor in Clallam Bay							
11				with port anchor 40 fathoms of chain. set the							
12				anchor watch.							
				at 8 a.m. turned the men to, set up Deck							

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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H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of	189
1				Load lashings took down fore & mizzen royal							
2				yards, coiled all hauling ropes under deck							
3				secured and made every thing ready for							
4				sea Wind SE & East. moderate breezes in the forenoon							
5				in the afternoon variable. cloudy weather.							
6				8 p.m. set anchor watch.							
7											
8	Tuesday Nov 15 th			Wind SW. moderate & cloudy. Crew variously							
9	1898.			employed. 8 p.m. set anchor watch.							
10											
11	Wednesday Nov 16 th			Wind SE & East. Blowing a gale with thick							
12	1898			weather and rain. in the afternoon wind							
1				calmed down and changed to SW. same weather							
2				towards evening increased to a gale from SW							
3				with heavy squalls. 8 p.m. set anchor watch.							
4				let go starboard anchor with 30 fathoms of chain							
5				and reeled out on port chain to 60 fathoms.							
6											
7	Thursday Nov 17 th			Wind SW strong breezes with heavy squalls.							
8	1898			later in the forenoon moderating, hove							
9				up the St. B. anchor and hove in 15 fathoms							
10				on the port cable. washed her down fore							
11				and aft. put all sails in sail locker, down the lazarette							
12				Hiding lights and anchor watch attended to.							

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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From *Tacoma* towards *Adelaide Australia* From *Tacoma* towards *Adelaide Australia*.

H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of	189	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	Sunday Nov 22 nd 1898
A. M.	1		Friday Nov 18 th	Wind SW. strong breezes. squally weather.								1	2		SE by S	SW	6					Strong breezes squally weather.
	2		1898.	in the afternoon light variable winds, heavy squalls from the westward								2	2		"	"	"					set spunkers main top
	3											3	2		"	"	"					mast stay sail & mizzen
	4											4	2		"	"	"					lower topsail
	5											5	2		SE	"	5					
	6		Saturday Nov 19 th	Wind SW. moderate, squally weather.								6	2		"	SW	"					
	7		1898	in the afternoon variable winds.								7	2		"	"	"					
	8			crew variously employed. 8 p.m. set anchor with								8	2		"	"	"					
	9											9	1		W. by W	South	6					
	10		Sunday Nov 20 th	Wind SW. light breezes fair weather. at 7 a.m.								10	1		"	"	"					
	11		1898	took the towline from the "Pioneer" barge								11	1		"	"	"					set mainmast, fore,
	12			up the anchor and towed out to sea								12	1		"	"	"					main & mizzen upper
P. M.	1			set lower topsails & fore & aft sails.								1	1		"	"	"					topsails.
	2			At 12 noon Cape Flattery abeam. 3 p.m.								2	1		"	"	"					Calcu. no storage way
	3			let go the towline, set all sails, except								3			"	Calcu.	"					squally weather.
	4			main royal. Wind westerly kept by the								4			"	"	"					
	5			Wind to the southward 5 p.m. word ship								5			"	"	"					
	6			Wind SW. light breezes & cloudy.								6			"	"	"					set main, fore & mizzen
	7			6 p.m. Cape Flattery light at by 4 1/2 & barometer								7			"	"	"					galant sail
	8			Light at 3/4 E.								8			"	"	"					shifted & set the jib,
	9											9	2		SE by W	West	1/2					flying jib & mainmast
	10											10	3		"	"	"					made out breezes &
	11											11	4		"	"	"					29.90 squally. 2 days at sea
	12											12	4		"	"	"					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	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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										SE by E	13'	0° 10' S	8.5'	48° 1' N	47° 54' N	23' E	0° 13' E	125° 40'		
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H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	Monday Nov 21 st 1898	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	Wednesday Nov 23 rd 1898
P. M.	1										1	8		South	SW	0					Fresh breezes cloudy.
	2										2	6		"	"	"					high sea
	3										3	6		"	"	"					
	4										4	5		"	"	"					
	5										5	4		SE by W	West	1					
	6										6	4		"	"	"					mizzen gallant sail fast.
	7										7	4		South	"	1/2					
	8										8	4		"	"	"					Increasing to a very strong
	9										9	4		"	W by W	"					breeze with heavy squalls.
	10	8									10	4		"	"	"					stood, fore & main gallant sail
	11	8									11	4		"	"	"					ft. jib, main topmast sthisail, mizzen
	12	9									12	5		"	"	"					upper topsail, mainmast & spunkers
P. M.	1	5									1	6		"	"	"					
	2	5									2	6		"	"	"					
	3	5									3	7		"	"	"					
	4	4									4	7		"	"	"					
	5	4									5	8		"	"	"					
	6	2									6	8		"	"	"					
	7	1									7	8		"	"	"					
	8	1									8	8		"	"	"					
	9	1									9	8		"	"	"					
	10	1									10	8		"	"	"					
	11	2									11	8		"	"	"					
	12	2									12	7		"	"	"					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	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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										SE by W	144'	2° 18' S	42.1'	48° 36' N	48° 27' N	22' E	1° 2' W	126° 42' W	126° 26' W
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From Tacoma towards Adelaide Australia From Tacoma towards Adelaide Australia

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS. Thursday Nov 24 th 1898	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS. Saturday Nov 26 th 1898
P.M.	1	7	"	S 1/2 W	NW	0				Strong breeze squally weather.	1	4	"	S 1/2 W	SE	1				Strong breeze, cloudy weather.
	2	7	"	"	"	"					2	5	"	"	"	"				fl. jib, jib, main topmast.
	3	7	"	"	NNW	"				Set main gallant & Royal.	3	2	"	"	"	"				Stayed, snuggen upper topsail & main sail.
	4	7	"	"	"	"					4	2	"	"	"	"				No change.
	5	7	"	"	"	"				No change.	5	2	"	"	"	"				
	6	7	"	"	"	"					6	2	"	"	"	"				
	7	7	"	"	"	"					7	2	"	"	"	"				Strong breeze & rain.
	8	7	"	"	"	"					8	2	"	"	"	"				Wore ship.
	9	7	"	"	"	"				Set fore top gallant sail & mainsail.	9	5	"	SE	NNW	0				Wind veered to westward.
	10	7	"	"	"	"					10	6	"	"	"	"				
	11	7	"	"	"	"					11	6	"	"	"	"				Set main topmast staysail.
	12	7	"	"	"	"					12	6	"	"	"	"				
A.M.	1	6	"	"	"	"				Moderate & squally.	1	6	"	"	"	"				Strong breeze, cloudy & squally.
	2	6	"	"	"	"					2	7	"	"	NW	"				Set jib, fl. jib, main gallant sail & snuggen upper topsail.
	3	5	"	"	"	"					3	6	"	"	"	"				
	4	5	"	"	"	"					4	6	"	"	"	"				
	5	5	"	"	NW	"					5	5	"	South	NNW	"				Moderating, cloudy.
	6	5	"	"	"	"				Light & cloudy.	6	4	"	"	"	"				Set fore gal. sail, main royal & mainsail.
	7	4	"	"	"	"					7	3	"	"	"	"				Capt. able to walk aboard.
	8	4	"	"	"	"					8	2	"	"	"	"				Wind veered to Southward.
	9	3	"	S by W	"	"				Captain getting worse.	9	1	"	S by E	SSW	"				Very light, cloudy weather.
	10	2	"	"	"	"				No change.	10	1	"	"	"	"				Set spanker.
	11	2	"	"	"	"					11	1	"	"	"	"				
	12	2	"	"	"	"			30.15	4 Days out	12	1	"	"	"	"			30.00	6 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O.	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 27° W	133'	1° 54' S	60.4'	43° 28' N	43° 26' N	2° E	1° 27' W	128° 9' W	127° 28'	S 17° W	68'	1° 5' S	19.9'	41° 47' N	41° 56' N	19° E	0° 27' W	129° 44' W	—

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS. Fri day Nov 25 th 1898	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS. Sun day Nov 27 th 1898
P.M.	1	1	"	S by W	NW	0				Light breeze, clear weather.	1	4	"	S 1/2 W	SSW	1/2				Dark breeze, cloudy weather.
	2	1	"	"	"	"					2	5	"	"	"	"				Smooth sea.
	3	1	"	"	"	"				Took our anchors in boat and started the chains down the locker.	3	5	"	"	"	"				
	4	1	"	"	"	"				No change.	4	5	"	"	"	"				
	5	1	"	"	"	"					5	6	"	"	"	"				No change.
	6	1	"	"	"	"					6	6	"	"	"	"				Stowed main Royal.
	7	2	"	"	"	"					7	5	"	E by S	South	"				
	8	2	"	"	"	"					8	5	"	"	"	"				Increasing, cloudy weather.
	9	3	"	"	NW	"				Set snuggen topsail & gallant sail.	9	5	"	"	"	"				
	10	3	"	"	"	"					10	5	"	"	"	"				Stowed fl. jib, fore gal. sail & main topmast staysail.
	11	3	"	"	"	"					11	6	"	"	"	"				
	12	3	"	"	"	"					12	6	"	"	"	"				
A.M.	1	2	"	"	East	"				No change.	1	6	"	S 1/2 E	SSW	"				Strong breeze & cloudy.
	2	2	"	"	ESE	"					2	7	"	"	"	"				
	3	2	"	"	"	"					3	7	"	"	"	"				
	4	2	"	"	"	"				Set flying jib, main topsail, staysail & spanker.	4	6	"	"	"	"				
	5	3	"	N 1/2 W	SE	1/2				Wind backing 10 hrs Southward.	5	4	"	S by E	"	1				Stowed main gal. sail & mainsail.
	6	3	"	"	"	"					6	3	"	"	"	"				Very strong, cloudy and rain.
	7	3	"	"	"	"					7	3	"	"	"	"				
	8	3	"	"	"	"				Capt. about the same.	8	4	"	"	"	"				
	9	4	"	S 1/2 W	SE	"				Increasing to a strong breeze fair weather.	9	5	"	"	"	"				Capt getting better.
	10	5	"	"	"	"					10	6	"	"	"	"				No change.
	11	6	"	"	"	"				main royal, snuggen, fore & main gallant sails stowed.	11	6	"	"	"	"				
	12	7	"	"	"	"			30.00	5 Days out	12	5	"	"	"	"			30.04	7 Days at sea.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O.	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 60° W	57'	0° 29' S	49.4'	42° 57' N	42° 56' N	20° E	1° 5' W	129° 17' W	128° 36'	S 46° E	123'	1° 25' S	88.5'	40° 31' N	—	19° E	1° 57' E	127° 47' W	—

From Tacoma towards Adelaide Australia. From Tacoma towards Adelaide Australia.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
A. M.	1	4	"	E by S	Light	1				wore ship.
	2	1	"	W by N	SW	5				fresh breeze, thick weather
	3	1	"	"	"	"				& rain. very high head sea
	4	1	"	"	"	"				
	5	1	"	"	"	"				Decreasing to almost
	6	1	"	"	"	"				calm weather the same.
	7	0	"	"	"	"				
	8	"	"	"	"	"				
	9	"	"	"	"	"				No clearance way,
	10	"	"	"	"	"				very high sea.
	11	"	"	"	"	"				
	12	"	"	"	"	"				No change
P. M.	1	"	"	"	"	"				
	2	"	"	"	"	"				No change
	3	"	"	"	"	"				
	4	"	"	"	"	"				
	5	"	"	"	"	"				No change.
	6	"	"	"	"	"				
	7	"	"	"	"	"				
	8	"	"	"	"	"				
	9	"	"	"	"	"				Capt. will again.
	10	"	"	"	"	"				Very high air, thick rain
	11	1	"	W by N	South	6				high nasty sea.
	12	1	"	W by N	"	"			29.98	

8 Days at sea

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 29° E	7'	6' N	3.4'	40° 37' N		18° E	0° 5' E	127° 42' W	

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
A. M.	1	1	"	S by W	E by E	1				Increasing to a strong gale, fair
	2	2	"	"	"	"				& equally weather with rain
	3	3	"	"	"	"				very high sea.
	4	3	"	"	"	"				Wigg. up. topsail & jib fast
	5	2	"	"	SE	"				No change.
	6	2	"	"	"	"				Set 9 main, up topsail, spanker
	7	1	"	West	South	6				& foresail fast.
	8	1	"	"	"	"				
	9	1	"	"	"	"				Decreasing to a light breeze
	10	1	"	"	"	"				with heavy squalls & rain.
	11	1	"	"	"	"				very rough sea 1/2 p.m. wore
	12	1	"	S by E	West	2				ship. set foresail.
P. M.	1	1	"	"	"	"				
	2	1	"	"	"	"				Moderate with heavy squalls
	3	2	"	"	"	"				& rain set main topmast stay
	4	2	"	"	"	"				
	5	3	"	"	"	"				Fresh breezes equally with
	6	4	"	"	"	"				set mizzen, fore & main up
	7	5	"	"	"	"				topsails, jib, main & fore
	8	5	"	"	"	"				gallant sails.
	9	6	"	"	"	"				No change.
	10	6	"	"	"	"				Set mainmast, flying jib
	11	5	"	"	"	"				mizzen, gallant sail & main Royal
	12	5	"	"	"	"			29.96	

9 Days out.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 35° W	80'	0° 50' S	2.6'	39° 47' N	39° 52' N	18° E	0° 3' W	127° 45' W	127° 47'

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
A. M.	1	4	"	S by E	West	0				moderate breeze equally
	2	3	"	"	"	"				weather.
	3	3	"	"	"	"				high water, very swell
	4	3	"	"	"	"				main Royal fast
	5	2	"	S by E	W by W	1/2				No change
	6	2	"	"	"	"				
	7	2	"	"	"	"				
	8	2	"	"	"	"				
	9	2	"	SE	SW	"				
	10	3	"	"	"	"				
	11	3	"	"	"	"				
	12	4	"	"	"	"				No change
P. M.	1	5	"	S by E	SW	"				
	2	6	"	"	"	"				
	3	6	"	"	"	"				
	4	5	"	"	"	"				No change
	5	5	"	"	"	"				
	6	4	"	"	"	"				
	7	4	"	"	"	"				
	8	5	"	"	"	"				set spanker.
	9	5	"	"	"	"				No change
	10	5	"	"	"	"				
	11	5	"	"	"	"				
	12	4	"	"	"	"			30.15	

10 Days out.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 12° E	90'	1° 28' S	18.7'	38° 24' N	38° 20' N	17° E	0° 24' E	127° 21' W	126° 30' W

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
A. M.	1	5	"	S by E	W by W	1/2				Moderate breeze, fair weather
	2	5	"	"	"	"				high swell from the westward.
	3	5	"	"	"	"				
	4	5	"	"	"	"				
	5	4	"	"	"	"				Decreasing to very light
	6	2	"	"	"	"				breeze with fair weather
	7	2	"	S by W	West	"				
	8	2	"	"	"	"				
	9	2	"	"	"	"				very light, weather
	10	2	"	"	"	"				the same.
	11	2	"	"	"	"				
	12	2	"	"	"	"				No change
P. M.	1	2	"	"	"	"				
	2	2	"	"	"	"				
	3	3	"	"	"	"				
	4	3	"	"	"	"				
	5	4	"	"	"	"				Light breezes, fair weather
	6	4	"	"	"	"				set main Royal.
	7	4	"	"	"	"				
	8	4	"	"	"	"				No change.
	9	4	"	South	SW	0				
	10	4	"	"	"	"				
	11	4	"	"	"	"				
	12	4	"	"	"	"			30.30	

11 Days out.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 12° W	80'	1° 18' S	16.6'	37° 2' N	36° 52' N	16° E	0° 21' W	127° 42' W	126° 52' W

From Tacama towards Adelaide Australia. From Tacama towards Adelaide Australia.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS. Sun day of Dec 3 rd 1898	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS. Sun day of Dec 4 th 1898
A. M.	1	3	"	SW	SW	0				Light breeze fair weather	1	5	"	SW	SW	0				Moderate breeze, fair weather
	2	3	"	"	"	"				Westerly swell.	2	5	"	"	"	"				Small sea.
	3	3	"	"	"	"					3	5	"	"	"	"				
	4	3	"	"	"	"				No change	4	5	"	"	"	"				
	5	3	"	SW	SW	"					5	5	"	"	"	"				No change
	6	3	"	"	"	"					6	5	"	"	"	"				
	7	3	"	"	"	"					7	5	"	"	"	"				
	8	3	"	"	"	"					8	5	"	"	"	"				
	9	3	"	"	North	"				Light & clear.	9	5	"	"	"	"				No change
	10	3	"	"	"	"					10	5	"	"	"	"				
	11	3	"	"	"	"					11	5	"	"	"	"				
	12	3	"	"	"	"					12	5	"	"	"	"				
P. M.	1	4	"	"	"	"				Moderate breeze cloudy weather.	1	5	"	"	"	"				Moderate breeze cloudy weather passing light squalls
	2	4	"	"	"	"					2	5	"	"	"	"				
	3	5	"	"	"	"					3	5	"	"	"	"				
	4	5	"	"	"	"				No change	4	5	"	"	North	"				No change
	5	5	"	"	"	"					5	5	"	"	"	"				
	6	5	"	"	"	"					6	5	"	"	"	"				
	7	5	"	"	"	"					7	5	"	"	"	"				
	8	5	"	"	"	"					8	5	"	"	"	"				
	9	5	"	"	North	"				No change	9	5	"	"	"	"				No change.
	10	5	"	"	"	"					10	5	"	"	"	"				
	11	5	"	"	"	"					11	5	"	"	"	"				
	12	5	"	"	"	"			30.30		12	5	"	"	"	"			30.10	

12 Days out

14 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	91'	1° 3' S	65.5'	35° 49' N	35° 48' N	16° E	1° 21' W	129° 53' W	128° 6' W	SW	120'	1° 12' S	95.8'	33° 34' N	33° 29' N	14° E	1° 55' W	132° 45' W	132° 15' W

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS. Sunday of Dec 3 rd 1898	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS. Monday of Dec 5 th 1898
A. M.	1	4	"	SW	SW	0				Moderate breeze cloudy weather.	1	5	"	SW	SW	0				Moderate breeze, cloudy weather
	2	4	"	"	"	"				Westerly swell.	2	5	"	"	"	"				Small sea.
	3	4	"	"	"	"					3	5	"	"	"	"				
	4	4	"	"	"	"					4	5	"	"	"	"				
	5	5	"	"	"	"				No change	5	5	"	"	"	"				No change.
	6	5	"	"	"	"					6	4	"	"	"	"				
	7	5	"	"	"	"					7	4	"	"	"	"				
	8	5	"	"	"	"					8	4	"	"	"	"				
	9	5	"	"	"	"				No change	9	3	"	"	"	"				Light breeze cloudy weather.
	10	5	"	"	"	"					10	3	"	"	"	"				
	11	5	"	"	"	"					11	3	"	"	NE	"				
	12	4	"	"	"	"					12	3	"	"	"	"				
P. M.	1	5	"	"	"	"				No change	1	2	"	"	"	"				No change
	2	5	"	"	"	"					2	2	"	"	"	"				
	3	5	"	"	"	"				fair weather.	3	2	"	"	"	"				
	4	5	"	"	"	"					4	2	"	"	"	"				
	5	5	"	"	"	"				No change	5	2	"	"	"	"				No change
	6	5	"	"	"	"					6	2	"	"	"	"				
	7	5	"	"	"	"					7	2	"	"	"	"				Squally.
	8	5	"	"	"	"					8	3	"	"	"	"				Light breeze & cloudy
	9	4	"	"	"	"					9	3	"	"	"	"				
	10	3	"	"	"	"					10	3	"	"	"	"				
	11	3	"	"	"	"					11	3	"	"	"	"				
	12	3	"	"	"	"			30.00		12	3	"	"	"	"			30.07	

13 Days out

15 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	108'	1° 3' S	87.4'	34° 40' N	34° 46' N	15° E	1° 47' W	130° 50' W	130° 20' W	SW	78'	0° 47' S	62.3'	32° 42' N	32° 44' N	14° E	1° 14' W	133° 59' W	133° 44' W

From Tacoma towards Adelaide Australia.

From Tacoma towards Adelaide Australia.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	
										Wednesday of Dec 6 th 1898											Thursday of Dec 8 th 1898	
P. M.	1	3	1	SW	NE	0				Light breeze, cloudy weather.		1	1	1	SW	ESE	0					Light breeze, cloudy weather
	2	3	1	"	"	"						2	3	1	"	"	"					Smooth sea.
	3	3	1	"	"	"						3	3	1	"	"	"					
	4	3	1	"	"	"						4	3	1	"	"	"					
	5	3	1	"	"	"						5	4	1	"	SE	"					Moderate & cloudy.
	6	3	1	"	"	"						6	4	1	"	"	"					
	7	3	1	"	"	"						7	4	1	"	"	"					
	8	3	1	"	"	"				No change.		8	5	1	"	"	"					
	9	3	1	"	"	"						9	6	1	"	"	"					Light breeze cloudy weather.
	10	3	1	"	"	"						10	7	1	"	"	"					
	11	3	1	"	"	"						11	7	1	"	"	"					
	12	3	1	"	"	"						12	7	1	"	"	"					
P. M.	1	3	1	"	"	"				No change.		1	8	1	"	"	"					Strong breeze, cloudy weather.
	2	2	1	"	"	"						2	8	1	"	"	"					main Royal fast.
	3	2	1	"	"	"						3	8	1	"	"	"					
	4	2	1	"	"	"						4	9	1	"	"	"					No change.
	5	2	1	"	"	"				Very light air, cloudy weather.		5	8	1	SW by W	"	"					Stowed flying jib, mizzen & fore gallant sail.
	6	2	1	"	"	"						6	8	1	"	"	"					
	7	1	1	"	"	"						7	8	1	"	"	"					
	8	1	1	"	"	"						8	7	1	"	"	"					
	9	1	1	"	"	"				No change.		9	7	1	"	"	"					Very strong breeze, cloudy weather.
	10	1	1	"	"	"						10	7	1	"	"	"					main gallant sail, main topmast stay sail, spanker & mizzen. Upper
	11	2	1	"	"	"						11	7	1	"	"	"					29.90 Top sail stowed.
	12	2	1	"	"	"				30.12		12	7	1	"	"	"					18 Days out.

16 Days out

Course.											Distance.											Diff. of Lat.											Departure.											Lat. by D. R.											Lat. by Ob.											Variation.											Diff. of Lon.											Lon. in.											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S 58° 20'											5.7											0° 30' N											48.3'											32° 14' N											32° 13' N											13° E											0° 57' W											134° 56' W											134° 52'											S 59° 10'											14.7											1° 16' S											126.0'											30° 30' N											—											12° E											2° 27' W											137° 45' 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17 Days out

19 Days out

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.
S 52° 10' W	24	0° 16' S	18.9'	31° 58' N	31° 46' N	13° E	0° 22' W	135° 18' W	135° 24' W		S 53° 10' W	86	0° 11' S	85.4'	30° 41' N	30° 59' N	13° E	1° 40' W	139° 25' W	139° 55' W

From Tacoma towards Adelaide Australia From Tacoma towards Adelaide Australia

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS. Saturday Dec 10 th 1898	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS. Mon day of Dec 12 th 1898
P. M.	1	3	"	SW by W	SE	3				Strong gale with heavy squalls & high sea.	1	5	"	SE by E	SW	1/2			Strong breeze, cloudy & squally weather.
	2	3	"	"	"	"					2	5	"	"	"	"			
	3	2	"	"	"	"					3	5	"	"	"	"			
	4	2	"	"	"	"					4	5	"	"	"	"			
	5	2	"	"	"	"				No change.	5	5	"	"	"	"			
	6	2	"	"	"	"					6	5	"	"	"	"			
	7	1	"	"	"	"					7	5	"	"	"	"			No change.
	8	1	"	W by W	SE	6					8	5	"	"	"	"			
	9	1	"	"	"	"					9	5	"	"	"	"			
	10	1	"	"	"	"				Wind veering to westward.	10	5	"	"	"	"			
	11	1	"	"	SW	"				Worn ship	11	6	"	"	"	"			
	12	1	"	"	"	"					12	6	"	"	"	"			
A. M.	1	1	"	SE by W	W by E	"				very heavy squ	1	5	"	"	"	"			No change.
	2	1	"	"	"	"					2	5	"	"	"	"			
	3	1	"	"	W by W	"					3	4	"	"	"	"			
	4	1	"	"	"	"					4	4	"	"	"	"			
	5	1	"	"	"	"					5	4	"	"	"	"			
	6	1	"	"	"	"				No change.	6	4	"	"	"	"			Stand fore & main gallant sails
	7	1	"	"	"	"					7	4	"	"	"	"			No change.
	8	2	"	"	"	"				S a.m. kept off	8	4	"	"	"	"			
	9	5	"	SE by E	"	0				set fore sail, mizzen	9	4	"	"	"	"			
	10	5	"	"	"	"				lower topsail, fore &	10	4	"	"	"	"			
	11	5	"	"	"	"				main upper topsail	11	5	"	"	"	"			
	12	5	"	"	"	"			29.70		12	5	"	"	"	"		30.08	

20 Days out

22 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE by E	19	0° 19' S	3.6	30° 40' N	30° 31' N	13° E	0° 4' W	139° 29' W	140° 12' W	SE by E	114	1° 21' S	80.6	27° 25' N	27° 26' N	11° E	1° 31' E	137° 43' W	—
H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS. Sun day of Dec 11 th 1898	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS. Tues day of Dec 13 th 1898
P. M.	1	6	"	SE by E	W by W	0			Strong gale with heavy squalls, high sea.	1	4	"	SE by E	SE by W	1/2				Fresh breeze, cloudy & squally weather. Sea moderate.
	2	6	"	"	"	"				2	4	"	"	"	"				
	3	7	"	"	"	"				3	4	"	"	"	"				
	4	7	"	"	"	"				4	4	"	"	"	"				
	5	6	"	"	"	"			No change.	5	4	"	"	"	"				
	6	6	"	"	"	"			Set jib & main topmast stays.	6	4	"	"	"	"				No change.
	7	6	"	"	"	"				7	4	"	"	"	"				
	8	6	"	"	"	"				8	4	"	"	"	"				
	9	6	"	"	"	"			Strong breeze, fair weather, passing squalls.	9	4	"	"	"	"				
	10	6	"	"	"	"			Set mainsail.	10	4	"	"	"	"				
	11	5	"	"	"	"				11	4	"	"	"	"				tick & rain
	12	5	"	"	"	"				12	4	"	"	"	"				
A. M.	1	4	"	SE by E	W by E	"			No change.	1	4	"	"	"	"				
	2	4	"	"	"	"			Set mizzen, up. topsail, fl. jib	2	4	"	"	"	"				
	3	4	"	"	"	"			main & fore gallant sails.	3	5	"	"	"	"				Fresh breeze & squally.
	4	4	"	"	"	"				4	5	"	"	"	"				
	5	3	"	"	"	"			Fresh breeze squally, with.	5	4	"	"	"	"				
	6	3	"	SE by E	SW	1/2			Set spanker.	6	4	"	"	"	"				Set main gallant sail
	7	3	"	"	"	"				7	4	"	"	"	"				
	8	3	"	"	"	"			No change.	8	4	"	"	"	"				
	9	4	"	"	"	"				9	3	"	"	"	W by W				Decreasing to a light breeze with passing light squalls.
	10	3	"	"	"	"				10	3	"	"	"	"				
	11	3	"	"	"	"				11	3	"	"	"	"				
	12	3	"	"	"	"			30.09		12	2	"	"	West			30.17	

21 Days out

23 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE by E	110	1° 49' S	13.4	28° 42' N	28° 46' N	12° E	03° 15' E	139° 14' W	139° 30' W	SE by E	92	1° 4' S	66.2	26° 22' N	26° 21' N	11° E	1° 14' E	136° 29' W	136° 46' W

From **Tacoma** towards **Adelaide Australia.** From **Tacoma** towards **Adelaide Australia.**

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Wed. day Dec 14 th 1898											Fri. day Dec 16 th 1898										
P. M.	1	2	4	SW	NE	0				Light air cloudy weather passing squalls. a westerly swell. No main royal fore & mizzen gallant sail.	1	3	4	SW	NE	0					moderate breezes, cloudy weather.
	2	2	4								2	4	4	SW							
	3	2	4								3	4	4								
	4	2	4								4	4	4								
	5	2	4		North						5	4	4			NE					
	6	2	4								6	4	4								
	7	3	4								7	4	4								moderate & fair
	8	4	4								8	4	4			ENE					
	9	4	4		NE						9	4	4								
	10	4	4								10	4	4								
	11	4	4		ENE						11	4	4								
	12	4	4								12	4	4								
A. M.	1	4	4							moderate partly cloudy passing light squalls.	1	4	4								moderate & squally.
	2	4	4								2	4	4								
	3	4	4								3	4	4								
	4	4	4								4	4	4								
	5	4	4								5	4	4								No & rain.
	6	4	4								6	4	4								
	7	4	4								7	4	4			NE					
	8	4	4								8	4	4								
	9	4	4								9	4	4								Light breeze squally weather
	10	4	4								10	4	4								
	11	4	4								11	4	4			NE					
	12	4	4								12	4	4								

30.17

24 Days out

30.07

26 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C.	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	98'	1°24'S	52.5'	24°57'N	24°53'N	10°E	0°58'W	137°37'W	137°46'W	SW	99'	0°26'S	98.6'	23°47'N	23°40'N	9°E	1°44'W	140°46'W	140°55'W

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Sat. day Dec 15 th 1898											Sat. day Dec 17 th 1898										
P. M.	1	4	4	SW	NE	0				Dark br. partly clouded. a westerly swell.	1	2	4	SW	NE	1/2					Light air cloudy weather smooth sea.
	2	6	4	SW by S							2	2	4								
	3	6	4								3	2	4								
	4	6	4								4	2	4								
	5	6	4		ENE						5	2	4	WSW	NE	0					
	6	6	4								6	2	4								
	7	6	4							Fresh breezes, fair weather passing squalls.	7	4	4								moderate breeze squally weather with showers of rain.
	8	6	4								8	4	4								
	9	4	4								9	4	4								
	10	4	4								10	4	4								
	11	4	4								11	4	4								
	12	4	4								12	4	4								
A. M.	1	4	4							No change.	1	4	4								No change.
	2	4	4								2	4	4								
	3	4	4								3	4	4								
	4	4	4								4	4	4								
	5	4	4							moderate.	5	4	4			ENE					Wind veered to the eastward moderate breezes cloudy weather.
	6	4	4								6	4	4								
	7	4	4								7	4	4								
	8	4	4								8	4	4								
	9	4	4							Light air & cloudy.	9	4	4								
	10	4	4								10	4	4								
	11	4	4		NE						11	4	4								
	12	4	4								12	4	4								

30.20

25 Days out

30.08

27 Days at sea

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.
SW	114'	1°23'S	77.7'	23°30'N	23°33'N	10°E	1°25'W	139°2'W	139°9'W	SW	91'	0°25'S	87.5'	22°45'N	22°44'N	9°E	1°35'W	142°21'W	142°30'W

From Tacoma towards Adelaide Australia. From Tacoma towards Adelaide Australia.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Sun day of Dec 18 th 1898											Sun day of Dec 20 th 1898										
P. M.	1	4		WSW	E. N. E.	0				Moderate breeze squally weather. A. M. & P. M.	1	3		WSW	E. N. E.	0					Light air fair weather smooth sea.
	2	4									2	3									
	3	4									3	3									
	4	4									4	3									
	5	5									5	2									
	6	5									6	2									
	7	6									7	2									No change.
	8	6			E. N. E.					Dry breeze squally weather.	8	2									
	9	6									9	2									
	10	6									10	2									
	11	6									11	2									
	12	6			E. N. E.						12	2									
A. M.	1	6								No change.	1	3									Light air & squally.
	2	6									2	2				E. N. E.					
	3	6								Showers of rain.	3	2									
	4	6									4	2									
	5	6									5	2				E. N. E.					
	6	6									6	2									
	7	6									7	2									No change.
	8	6									8	2									
	9	6									9	3				East					
	10	6									10	3									
	11	7									11	3				E. S. E.					
	12	7									12	3									

30.12

28 Days out

30.08

30 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 77° W	136'	0° 30' N	132.0'	22° 14' N	22° 25' N	9° E	2° 24' W	144° 45' W	145° 30' W

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Mon day of Dec 19 th 1898											Wed day of Dec 21 st 1898										
P. M.	1	6		W by S	E. N. E.	0				Dry breeze passing squally. M. & P. M.	1	3		WSW	E. S. E.	0					Light air squally weather smooth sea.
	2	6									2	3									
	3	6									3	3									
	4	6									4	3									
	5	6									5	2									
	6	6									6	2									
	7	5									7	2									No change.
	8	5									8	2									
	9	5									9	2									
	10	5									10	2									
	11	5									11	2									
	12	5									12	2									
A. M.	1	5								No change.	1	2									No change.
	2	5									2	2									
	3	5									3	2									
	4	5									4	2									
	5	5									5	2									
	6	5									6	2									
	7	5									7	2									No change.
	8	5									8	2									
	9	3									9	2									
	10	3									10	2									
	11	3									11	3									
	12	3									12	3									

30.06

29 Days out

29.93

31 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 88° W	118'	0° 4' S	117.9'	22° 21' N	22° 24' N	9° E	2° 7' W	146° 52' W	147° 12' W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 77° W	84'	0° 12' S	82.6'	22° 6' N	22° 9' N	9° E	0° 57' W	148° 48' W	149° 14' W

From Tacoma towards Adelaide Australia

From Tacoma towards Adelaide Australia

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
P. M.	1	1	"	WNW	WNW	0				Very high air squally weather. smooth sea	1	1	"	NW	WNW	6				Moderate gale heavy squalls. high sea.
	2	1	"	"	"	"					2	1	"	"	"	"				
	3	1	"	"	"	"					3	1	"	"	"	"				
	4	1	"	"	"	"					4	1	"	"	"	"				
	5	1	"	"	North	"					5	1	"	"	"	"				
	6	1	"	"	"	"					6	1	"	"	"	"				No change.
	7	1	"	"	"	"				No change.	7	1	"	"	"	"				
	8	1	"	"	"	"					8	1	"	"	"	"				
	9	2	"	"	E. N. E.	"					9	1	"	SW	WNW	"				
	10	2	"	"	"	"					10	1	"	"	"	"				
	11	2	"	"	"	"					11	1	"	"	"	"				
	12	2	"	"	"	"				Wind veered to southward	12	1	"	"	"	"				
A. M.	1	2	"	WNW	SW	1/2				No change.	1	1	"	"	"	"				Decreasing squally weather
	2	2	"	"	"	"					2	1	"	"	"	"				Set fore sail, miss lower topsail & main up. topsail
	3	2	"	"	"	"					3	1	"	"	"	"				No change.
	4	2	"	"	"	"					4	1	"	"	"	"				Set mainsail, fore up topsail & jib.
	5	3	"	"	"	"				Increasing with heavy squalls.	5	1	"	SW by W	WNW	3				Light breeze squally weather.
	6	3	"	"	"	"				main royal fur	6	1	"	"	"	"				All sails set.
	7	3	"	WNW	WNW	"					7	1	"	"	"	"				
	8	3	"	"	"	"					8	1	"	"	"	"				
	9	4	"	"	"	"				Drish breeze, squally weather	9	1	"	"	North	0				
	10	4	"	"	"	"					10	1	"	"	"	"				
	11	5	"	"	"	"					11	1	"	"	"	"				
	12	5	"	"	"	"			29.88		12	2	"	"	"	"			29.70	

32 Days out

34 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C.	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 46° W	41'	0° 28' N	29.5' W	22° 37' N	22° 37' N	9° E	0° 32' W	149° 20' W	149° 49' W	N 46° W	7'	0° 4' N	0.7'	23° 30' N	23° 33' N	10° E	0° 1' W	149° 11' W	149° 47' W

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
P. M.	1	5	"	WNW	W by S	1				Strong breeze, squally weather. ft. jib, mizzen, fore & main galls set. slowed.	1	2	"	SW by W	WNW	0				Light breeze, squally weather high sea.
	2	4	"	"	"	"					2	2	"	"	"	"				
	3	4	"	"	"	"					3	3	"	"	"	"				
	4	4	"	"	"	"					4	3	"	"	"	"				
	5	4	"	"	"	"				Very strong breeze, squally weather, slowed. main sail	5	3	"	"	"	"				
	6	4	"	"	"	"				mizzen up. topsail & spanker	6	3	"	"	"	"				
	7	3	"	"	"	2					7	4	"	"	"	"				Moderate & squally
	8	3	"	"	"	"					8	4	"	"	"	"				
	9	3	"	"	"	"					9	4	"	"	"	"				
	10	3	"	"	"	"					10	4	"	"	"	"				
	11	3	"	"	"	"					11	4	"	"	"	"				
	12	3	"	"	"	"					12	4	"	"	"	"				
A. M.	1	3	"	"	"	"				Increasing to a strong gale, with very heavy squalls. slowed fore & main upper topsails, jib fore sail & mizzen lower topsail	1	4	"	"	"	"				No change
	2	3	"	"	"	"					2	4	"	"	"	"				
	3	2	"	WNW	SW	6				high sea	3	5	"	"	"	"				
	4	2	"	"	"	"					4	5	"	"	"	"				
	5	1	"	"	"	"					5	5	"	"	"	"				
	6	1	"	"	"	"					6	5	"	"	"	"				
	7	1	"	"	"	"					7	5	"	"	"	"				No change.
	8	1	"	"	"	"				Strong gale with heavy squalls.	8	5	"	"	"	"				
	9	1	"	"	"	"					9	5	"	"	"	"				
	10	1	"	"	"	"					10	5	"	"	"	"				
	11	1	"	"	"	"					11	5	"	"	"	"				
	12	1	"	"	"	"			29.70		12	5	"	"	"	"			29.80	

33 Days out

35 Days out

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.
N 46° W	60'	0° 59' N	9.4'	23° 36' N	23° 37' N	9° E	0° 10' E	149° 10' W	—	N 46° W	98'	0° 38' N	90.2'	22° 55' N	22° 59' N	9° E	1° 38' W	150° 49' W	151° 25' W

From Tacoma towards Adelaide Australia.

From Tacoma towards Adelaide Australia.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
P.M.	1			Friday Dec 30 th 1898	Wind ESE moderate breezes fair weather.					40 Days out.
	2				crew variously employed.					
	3									
	4			Saturday 31 st Dec 1898.	Wind variable very light, fair weather at 12 a.m. got the tug Mac					
	5				hook up the anchor and towed out to sta. at 1.30 left the towline, and at					
	6				sails. 6 p.m. took our departure Makapuu Point, N. & Lahilahi & the					41 Days out.
	7	2		South	East	0				
	8	2								Light breeze fair weather
	9	3								
	10	3								
	11	3								
	12	3								
A.M.	1	3			ESE	1/2				
	2	3								
	3	4								Moderate & cloudy.
	4	4								
	5	4								
	6	4								
	7	6								
	8	6								
	9	4								
	10	3		By NW	SE					
	11	2								
	12	2							30.06	very light & cloudy.

42 Days out.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
91° 10'	64'	1° 2' N	16.6'	20° 2' N	20° 4' N	9° E	0° 18' W	158° 13' W	158° 17' W

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
P.M.	1	3		South	ESE	1/2				Light breeze cloudy weather
	2	3								
	3	3								
	4	3								
	5	3								
	6	3								
	7	3								
	8	3								
	9	3								
	10	3								
	11	3		By E	East					
	12	3								
A.M.	1	4								Light breeze fair weather
	2	4								
	3	4								
	4	4								
	5	3		South	ESE					
	6	3								
	7	3								
	8	3								
	9	3		By W						
	10	3								
	11	3								
	12	3							30.06	anchors secured & chains

30.06

shoved away.

43 Days out.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
91° 10'	75'	1° 5' N	18.6'	18° 51' N	18° 49' N	8° E	0° 17' W	158° 30' W	158° 37' W

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
P.M.	1	4		By E	East	1/2				Moderate breezes, squally weather. Shoved grain top
	2	4								gallant & spanker.
	3	5								Shipped spanker.
	4	5								Fresh breezes, squally weather
	5	6								
	6	6								
	7	7								
	8	7								
	9	7								
	10	7								
	11	7								
	12	7								
A.M.	1	8								Fresh breezes fair weather
	2	8								
	3	8								
	4	8								
	5	8								
	6	8								
	7	8								
	8	8								
	9	8								
	10	8								
	11	8								
	12	8							29.99	

No.

No.

30.06

29.99

45 Days out.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
92° 10'	168'	2° 48' N	51.9'	14° 27' N	14° 26' N	8° E	0° 6' W	158° 39' W	158° 51' W

From Tacoma towards McAlister Australia From Tacoma towards McAlister Australia

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
										Thursday of Jan 6 th 1899											Friday of Jan 7 th 1899
P.M.	1	7	"	By E	East	1/2				Fresh breezes squally weather. moderate sea		1	7	"	By E	East	1/2				Strong breezes squally weather. high sea.
	2	7	"	"	"	"						2	7	"	"	"	"				
	3	7	"	"	"	"						3	7	"	"	"	"				
	4	7	"	"	"	"						4	7	"	"	"	"				
	5	7	"	"	"	"						5	7	"	"	"	"				
	6	7	"	"	"	"						6	7	"	"	"	"				
	7	7	"	"	"	"				No change.		7	7	"	"	"	"				N ^o
	8	7	"	"	"	"						8	7	"	"	"	"				
	9	7	"	"	"	"						9	6	"	"	"	"				
	10	7	"	"	"	"						10	6	"	"	"	"				
	11	7	"	"	"	"						11	6	"	"	"	"				
	12	7	"	"	"	"						12	6	"	"	"	"				
A.M.	1	7	"	"	"	"				Fresh breezes, fair weather.		1	5	"	"	"	"				Fresh breezes, heavy squalls.
	2	7	"	"	"	"						2	5	"	"	"	"				
	3	8	"	"	"	"						3	5	"	"	"	"				
	4	8	"	"	"	"						4	5	"	"	"	"				heavy showers of rain
	5	7	"	"	"	"						5	5	"	"	"	"				
	6	7	"	"	"	"						6	5	"	"	"	"				
	7	7	"	"	"	"				N ^o		7	5	"	"	"	"				
	8	7	"	"	"	"						8	5	"	"	"	"				Set main topmast staysail & spanker.
	9	7	"	"	"	"						9	5	"	"	"	"				
	10	7	"	"	"	"						10	4	"	"	"	"				
	11	8	"	"	"	"				Squally.		11	4	"	"	"	"				
	12	8	"	"	"	"			29.97	4 ¹ / ₂ Days out		12	4	"	"	"	"			29.92	4 ¹ / ₂ Days out

46 Days out

48 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O.	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 1° 10' W	172	2° 52' S	3.0'	11° 34' N	11° 34' N	7° E	0° 3' W	158° 54' W	159° 5' W	N 1° 10' W	137	2° 17' S	2.4'	5° 52' N	5° 51' N	7° E	0° 2' W	159° 0' W	159° 14' W

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	
p.m.	1	8		By E	East	1/2				Strong breezes, squally weather. moderate sea.		1	4		By W	ESE	1/2				moderate breezes, squally weather. choppy sea.	
	2	8		"	"	"						2	4		"	"	"					
	3	8		"	"	"						3	3		"	"	"					
	4	8		"	"	"				Main top gallant staysail, main Royal, main topmast staysail & spanker, stowed.		4	3		"	"	"					
	5	8		"	"	"						5	3		"	"	"					
	6	8		"	"	"						6	3		"	"	"					
	7	8		"	"	"						7	3		"	"	"				N ^o	
	8	8		"	"	"				L ^o .		8	3		"	"	"					
	9	8		"	"	"						9	3		By W & W	"	"					
	10	8		"	"	"						10	3		"	"	"					
	11	8		"	"	"						11	4		"	"	"					
	12	8		"	"	"						12	4		"	"	"					
a.m.	1	8		"	"	"				Wind & weather the same		1	4		"	"	"					Fresh breezes with heavy squalls & showers of rain.
	2	8		"	"	"						2	4		"	"	"					
	3	9		"	"	"						3	4		"	"	"				flying jib carried away.	
	4	9		"	"	"						4	4		"	"	"					
	5	9		"	"	"						5	4		"	"	"					
	6	9		"	"	"						6	4		"	"	"					
	7	9		"	"	"				L ^o .		7	4		"	"	"					
	8	9		"	"	"						8	4		"	"	"				Set fore-gallant sail, ambient fl. jib	
	9	9		"	"	"						9	5		By W	"	0					
	10	9		"	"	"				Stowed onizgen & fore-gallant sail		10	5		"	"	"					
	11	9		"	"	"						11	5		"	"	"					
	12	9		"	"	"				29.93		12	5		"	"	"				29.90	
										47 Days out											49 Days out	

47 Days out

49 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O.	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 1° 10' W	202	3° 22' S	3.5'	8° 12' N	8° 9' N	7° E	0° 4' W	158° 58' W	159° 20' W	N 36° 10' W	86	1° 10' S	50.5'	4° 41' N	4° 44' N	7° E	0° 51' W	159° 51' W	160° 2' W

From Tacoma towards Adelaide Australia. From Tacoma towards Adelaide Australia.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Monday Jan 7 th 1899											Monday Jan 11 th 1899										
P. M.	1	7		SWbyS	SE	1/2				Fresh breeze fair weather	1	8		SW	East	0					Fresh breeze fair weather.
	2	7								Easterly swell.	2	8									moderate sea.
	3	7								Set steeper gallant sail	3	8									
	4	7								& main Royal.	4	8									
	5	6								2 p.m. Washington	5	8									
	6	6								Island abreast about	6	8									
	7	5								3 miles off.	7	8									Dr.
	8	5									8	8									
	9	5								Dr. Mr. cloudy & squally	9	8									
	10	5								weather.	10	8									
	11	5									11	8									
	12	5									12	8									
A. M.	1	6									1	7									Dr.
	2	6									2	7									
	3	6									3	7									
	4	6									4	7									
	5	7									5	8									
	6	7								Williamson of duty sick	6	8									
	7	8								Fresh breeze cloudy	7	8									Dr.
	8	8								weather.	8	8									
	9	8									9	8									
	10	8								Repairing flying jib.	10	8									
	11	7									11	8									
	12	7									12	8									

29.90

50 Days out

29.85

52 Days at sea.

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.
S 46° W	154'	1° 47' S	110.8'	2° 57' S	3° 5' S	7° E	1° 51' W	161° 42' W	162° 18' W	S 31° W	188'	2° 41' S	96.8'	2° 8' S	2° 9' S	8° E	1° 37' W	165° 32' W	166° 21' W

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Tuesday Jan 10 th 1899											Tuesday Jan 12 th 1899										
P. M.	1	8		SWbyS	SE	1/2				Fresh breeze cloudy weather	1	7		SW by W	East	0					Fresh breeze, fair weather
	2	8								moderate sea.	2	7									small sea.
	3	8								hull & set flying jib	3	7									
	4	8									4	7									
	5	8		SW by S							5	7									
	6	8									6	7									
	7	8								strong br. & fair weather	7	7									Dr.
	8	8									8	7									
	9	8									9	7									
	10	8									10	7									
	11	7									11	7									
	12	7									12	7									
A. M.	1	8								Dr.	1	7			East						Dr.
	2	8									2	7									
	3	8									3	7									
	4	8									4	7									
	5	8									5	7									
	6	8								Many br. cloudy.	6	7									
	7	7									7	7									
	8	7									8	7									Dr.
	9	7									9	7									
	10	7									10	7									Shifted mainmast
	11	8									11	7									
	12	8									12	7									

29.84

51 Days out.

29.86

53 Days at sea.

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.
S 42° W	198'	2° 27' S	132.5'	0° 38' S	0° 33' S	7° E	2° 13' W	163° 55' W	164° 33' W	S 36° W	168'	2° 16' S	98.7'	4° 25' S	4° 25' S	8° E	1° 39' W	167° 11' W	168° 5' W

From Tacoma towards Adelaide Australia. From Tacoma towards Adelaide Australia.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Friday Jan 13 th 1899											Saturday Jan 14 th 1899										
A.M.	1	6	*	SW by S	NE	0				Drish breeze fair weather moderate sea shifted on main upper topsail.	1	6	*	SW by W	NE	0					Drish. breeze fair weather
	2	6	*	"	"	"					2	6	*	"	"	"					
	3	6	*	"	"	"					3	6	*	"	"	"					
	4	6	*	"	"	"					4	6	*	"	"	"					
	5	6	*	"	"	"					5	7	*	"	"	"					
	6	6	*	"	"	"					6	7	*	"	"	"					
	7	6	*	"	"	"					7	7	*	"	"	"					Drish breeze & cloudy.
	8	6	*	"	"	"					8	7	*	"	"	"					
	9	6	*	"	"	"					9	7	*	SW by W	"	"					
	10	6	*	"	"	"					10	7	*	"	"	"					
	11	6	*	"	"	"					11	7	*	"	"	"					
	12	6	*	"	"	"					12	7	*	"	"	"					
P.M.	1	5	*	"	"	"				moderate & fair	1	7	*	"	"	"					
	2	5	*	"	"	"					2	7	*	"	"	"					
	3	5	*	"	"	"					3	8	*	"	"	"					
	4	5	*	"	"	"					4	8	*	"	"	"					
	5	5	*	"	"	"					5	8	*	SW by W	"	"					Drish breeze squally weather & rain.
	6	5	*	"	"	"					6	8	*	"	"	"					Main Royal, mizzen gallants & fl. jib fast.
	7	5	*	"	"	"					7	7	*	"	"	"					
	8	5	*	"	"	"					8	7	*	"	"	"					
	9	6	*	"	"	"				shifted fore sail.	9	6	*	"	"	"					
	10	6	*	"	"	"					10	5	*	"	"	"					
	11	6	*	"	"	"					11	5	*	"	"	"					
	12	6	*	"	"	"					12	5	*	"	"	"					

54 Days out

56 Days at sea.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C.	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
947:10	134'	1°31'S	98.0'	5°56'S	5°58'S	8°E	1°38'W	168°49'W	169°40'	963:20	160	1°33'S	142.6'	8°44'S	—	8°E	2°24'W	172°53'W	—

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Saturday Jan 14 th 1899											Monday Jan 16 th 1899										
A.M.	1	6	*	SW by S	NE	0				Drish breeze fair weather	1	6	*	SW by W	NE	0					Drish breeze, squally weather & rain.
	2	6	*	"	"	"					2	6	*	"	"	"					North sea.
	3	6	*	"	"	"					3	6	*	"	"	"					
	4	6	*	"	"	"					4	6	*	"	"	"					
	5	5	*	"	"	"				moderate & fair	5	7	*	"	"	"					
	6	5	*	"	"	"					6	7	*	"	"	"					
	7	5	*	"	"	"					7	7	*	"	"	"					
	8	5	*	"	"	"					8	7	*	"	"	"					
	9	5	*	"	"	"					9	6	*	"	"	"					
	10	5	*	"	"	"					10	6	*	"	"	"					
	11	5	*	"	"	"					11	6	*	"	"	"					
	12	5	*	"	"	"					12	6	*	"	"	"					
P.M.	1	6	*	"	"	"				Drish breeze fair weather	1	5	*	"	"	"					
	2	6	*	"	"	"					2	5	*	"	"	"					
	3	6	*	"	"	"					3	5	*	"	"	"					heavy showers of rain.
	4	6	*	"	"	"					4	5	*	"	"	"					
	5	6	*	"	"	"					5	2	*	"	"	"					Light variable wind with squally & lick weather, heavy showers of rain.
	6	6	*	"	"	"					6	2	*	"	"	"					fore & main gallants & sails fast.
	7	6	*	"	"	"					7	2	*	"	"	"					
	8	6	*	"	"	"					8	2	*	"	"	"					
	9	6	*	"	"	"					9	3	*	"	"	"					Light breeze squally weather & rain.
	10	6	*	"	"	"					10	3	*	"	"	"					
	11	6	*	"	"	"					11	3	*	"	"	"					
	12	6	*	"	"	"					12	3	*	"	"	"					

55 Days out

57 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O.	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
947:10	136'	1°33'S	99.5'	7°31'S	7°31'S	8°E	1°40'W	170°29'W	171°11'	964:20	114'	0°50'S	102.5'	9°34'S	—	8°E	1°44'W	174°37'W	—

From Tacoma towards Adelaide Australia.

From Tacoma towards Adelaide Australia.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	
										Tuesday Jan 17 th 1897											Thursday Jan 19 th 1897	
P. M.	1	4	1	SW by S North		0				Moderate breeze, squally weather & rain.		1	1	1	SW by S NW		1/2					Light air squally weather smooth sea.
	2	4	1									2	1	1								
	3	4	1									3	1	1								
	4	4	1									4	1	1								
	5	4	1									5	2	1								
	6	4	1									6	2	1								
	7	4	1							Moderate & squally.		7	2	1	SW by W							Royal & main gall. staysail set.
	8	4	1									8	2	1								
	9	4	1									9	3	1								
	10	4	1									10	3	1								
	11	4	1									11	3	1								
	12	4	1									12	2	1								
A. M.	1	4	1							do		1	2	1								Light air squally weather
	2	4	1									2	2	1								heavy showers of rain
	3	4	1									3	1	1								
	4	4	1									4	1	1								
	5	4	1									5	1	1	SW	Variable	0					
	6	4	1									6	1	1								
	7	4	1							Light breeze fair weather all sails set.		7	2	1								
	8	4	1									8	2	1								do
	9	4	1									9	3	1	SW by W	ESE						At 10 Royal
	10	4	1									10	3	1								
	11	4	1									11	3	1								
	12	4	1									12	3	1								
									29.93											29.88		

29.93

58 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW by W	108'	1°20' S	72.3'	10°54' S	11°32' S	8° E	1°13' W	175°50' W	175°6' W

H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Wednesday Jan 18 th 1899										Friday Jan 20 th 1899									
1	3	4	SW	North	0				Light breeze fair weather	1	4	1	WSW	ESE	0				Light breeze, squally weather. Smooth sea.
2	3	4	"	"	"					2	4	1	"	"	"				
3	3	4	"	"	"					3	4	1	"	"	"				
4	3	4	"	"	"					4	4	1	"	"	"				
5	2	4	"	"	"				J. Williamson resumed his duties.	5	4	1	"	"	"				
6	2	4	"	"	"					6	4	1	"	"	"				
7	2	4	"	"	"					7	3	1	"	"	"				D ^o
8	2	4	"	"	"					8	3	1	"	"	"				
9	2	4	"	NW	"					9	3	1	"	"	"				
10	2	4	"	"	"				Wind veered to SW.	10	3	1	"	"	"				
11	1	4	SE	SW	1/2					11	3	1	"	"	"				
12	1	4	"	"	"					12	3	1	"	East	"				
1	1	4	"	"	"				Light air squally weather.	1	3	1	"	"	"				D ^o
2	1	4	"	"	"					2	3	1	"	"	"				
3	1	4	"	"	"				Wind veered to SE. Rain on ship.	3	3	1	"	ESE	"				
4	1	4	SW	SE	0					4	3	1	"	"	"				
5	2	4	"	"	"					5	3	1	"	East	"				
6	2	4	"	"	"					6	3	1	"	"	"				Light Winds squally & un settled weather with heavy showers of rain.
7	2	4	"	"	"					7	3	1	"	SE	"				
8	2	4	"	"	"				Light variable winds squally weather.	8	3	1	"	"	"				
9	2	4	SW by S	Variable	"					9	3	1	"	East	"				
10	2	4	"	"	"					10	3	1	"	"	"				
11	2	4	"	"	"					11	4	1	"	"	"				
12	2	4	"	"	"			29.88		12	4	1	"	ESE	"			29.90	

29.88

57 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW by W	43'	0°31' S	29.9'	12°31' S	12°52' S	8° E	0°31' W	176°21' W	175°15' W

29.90

61 Days at sea

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW by W	80'	0°19' S	77.6'	12°57' S	13°28' S	9° E	1°20' W	178°20' W	177°22' W

From Tacoma towards Adelaide Australia

From Tacoma towards Adelaide Australia

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	
Saturday Jan 21 st 1899.											Sunday Jan 22 nd 1899.											
P. M.	1	5	"	SW by W	E NE	0				Moderate breeze squally	1	4	"	SW by W	E NE	0					Moderate breeze fair weather	
	2	5	"	"	"	"				Weather smooth sea.	2	4	"	"	"	"					smooth sea.	
	3	5	"	"	"	"					3	4	"	"	"	"						
	4	5	"	"	"	"					4	4	"	"	"	"						
	5	5	"	"	"	"					5	4	"	"	"	"						
	6	5	"	"	"	"					6	4	"	"	East	"						
	7	5	"	"	"	"				N.	7	5	"	"	"	"					N.	
	8	5	"	"	"	"					8	5	"	"	"	"						
	9	4	"	"	"	"					9	5	"	"	"	E SE	"					
	10	4	"	"	"	"					10	5	"	"	"	"	"					
	11	4	"	"	"	"					11	5	"	"	"	"	"					
	12	4	"	"	"	"					12	5	"	"	"	"	"					
P. M.	1	4	"	"	"	"				No change.	1	5	"	"	"	"	"					Moderate & squally
	2	4	"	"	"	"					2	5	"	"	"	"	"					
	3	4	"	"	"	"					3	5	"	"	"	"	"					
	4	4	"	"	"	"					4	5	"	"	"	"	"					
	5	4	"	"	"	"					5	6	"	"	"	SE	"					
	6	4	"	"	"	"					6	6	"	"	"	"	"					
	7	4	"	"	"	"				N.	7	6	"	"	"	"	"					Moderate & fair
	8	4	"	"	"	"					8	6	"	"	"	E SE	"					John Curry of Duty out
	9	4	"	"	"	"					9	5	"	"	"	"	"					
	10	4	"	"	"	"					10	5	"	"	"	"	"					
	11	4	"	"	"	"					11	5	"	"	"	"	"					
	12	4	"	"	"	"				29.94	12	5	"	"	"	"	"				29.90	

29.94

52 Days out

29.90

64 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW by W	104	0° 44'	94.3	13° 42' S	13° 55' S	9° E	1° 37' W	179° 57' W	179° 58'

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
										Monday Jan 23 rd 1899.											Monday Jan 23 rd 1899.
P. M.	1	4	"	SW by W	E NE	0				Moderate breeze fair weather, smooth sea.		1	4	"	SW	East	0				Moderate breeze fair weather, smooth sea.
	2	4	"	"	"	"						2	4	"	"	"	"				
	3	4	"	"	"	"						3	4	"	"	"	"				
	4	4	"	"	"	"						4	4	"	"	"	"				
	5	4	"	"	"	"						5	4	"	"	E NE	"				
	6	4	"	"	"	"						6	4	"	"	"	"				
	7	4	"	"	"	"				Moderate & squally.		7	3	"	"	"	"				Light breeze passing squalls.
	8	4	"	"	"	"						8	3	"	"	"	"				
	9	4	"	"	"	"						9	2	"	"	SE	"				
	10	4	"	"	"	"						10	2	"	"	"	"				
	11	4	"	"	"	"						11	2	"	Why I	South.	1/2				
	12	4	"	"	"	"						12	2	"	"	"	"				
P. M.	1	5	"	"	"	"				Do.		1	2	"	"	"	"				Do.
	2	5	"	"	"	"						2	2	"	SW	SE	0				
	3	5	"	"	East	"						3	2	"	"	"	"				
	4	5	"	"	"	"						4	2	"	"	"	"				
	5	5	"	"	"	"						5	3	"	"	"	"				
	6	5	"	"	"	"						6	3	"	"	"	"				
	7	5	"	"	"	"				Moderate and fair		7	3	"	"	E SE	"				Light breeze, fair weather.
	8	5	"	"	E NE	"				A. Williamson of duty.		8	3	"	"	"	"				
	9	5	"	"	"	"						9	3	"	"	"	"				
	10	5	"	"	"	"						10	3	"	"	E NE	"				
	11	6	"	"	"	"						11	4	"	"	"	"				
	12	6	"	"	"	"				29.89 Changed date of course of Langi 2.3. 1899 on		12	4	"	"	"	"			29.94	G.S. Daws out

29.89

Changed date of passage of Longi 63 Days out

29.94

65 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW by W	112	0° 47'	101.5	14° 42' S	14° 56' S	9° E	1° 45' W	178° 18' E	179°

From Tacoma towards Adelaide, Australia. From Tacoma towards Adelaide, Australia.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Thursday of Jan 26 th 1899											Thursday of Jan 28 th 1899										
P. M.	1	2	"	SW	ENE	0				Light breeze fair weather smooth sea.	1	6	"	SW	ENE	0					Fresh breeze fair weather smooth sea.
	2	2	"	"	"	"					2	6	"	"	"	"					
	3	2	"	"	"	"					3	7	"	"	"	"					
	4	2	"	"	"	"					4	7	"	"	"	"					
	5	3	"	"	"	"					5	7	"	"	"	"					
	6	3	"	"	"	"					6	7	"	"	"	"					
	7	3	"	"	"	"					7	7	"	"	"	"					
	8	3	"	"	"	"					8	7	"	"	"	"					
	9	3	"	"	East	"					9	7	"	"	"	"					
	10	3	"	"	"	"					10	7	"	"	"	"					
	11	3	"	"	"	"					11	7	"	"	"	"					
	12	3	"	"	SE	"					12	7	"	"	"	"					
P. M.	1	5	"	"	"	"				Moderate breeze fair weather.	1	6	"	"	"	"					
	2	5	"	"	"	"					2	6	"	"	"	"					
	3	5	"	"	"	"					3	6	"	"	"	"					
	4	5	"	"	"	"					4	6	"	"	"	"					
	5	6	"	"	"	"					5	6	"	"	"	"					
	6	6	"	"	"	"					6	6	"	"	"	"					
	7	6	"	"	SE	"					7	6	"	"	"	"					
	8	6	"	"	"	"					8	6	"	"	"	"					
	9	5	"	"	"	"					9	6	"	"	"	"					
	10	5	"	"	"	"					10	6	"	"	"	"					
	11	5	"	"	East	"					11	7	"	"	"	"					
	12	5	"	"	"	"					12	7	"	"	"	"					

29.94

66 Days out

30.00

68 Days out

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.
SW 1/4 W	96'	0° 56' S	77.7'	17° 31' S	17° 33' S	2° E	1° 21' W	174° 4' E	174° 52' E	SW 1/4 W	104'	2° 9' S	83.9'	21° 21' S	21° 26' S	10° E	1° 29' W	171° 29' E	172° 8' E

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Friday of Jan 27 th 1899											Friday of Jan 29 th 1899										
P. M.	1	3	"	SW	NE	0				Light breeze fair weather smooth sea.	1	7	"	SW	ENE	0					Fresh breeze fair weather high sea.
	2	3	"	"	"	"					2	7	"	"	"	"					
	3	3	"	"	"	"					3	7	"	"	"	"					
	4	3	"	"	"	"					4	7	"	"	"	"					
	5	4	"	"	East	"					5	8	"	"	"	"					
	6	4	"	"	"	"					6	8	"	"	"	"					
	7	4	"	"	"	"					7	8	"	"	"	"					
	8	4	"	"	"	"					8	8	"	"	"	"					
	9	5	"	"	"	"					9	8	"	"	East	"					
	10	5	"	"	SE	"					10	8	"	"	"	"					
	11	5	"	"	"	"					11	8	"	"	"	"					
	12	5	"	"	"	"					12	8	"	"	"	"					
P. M.	1	5	"	"	"	"					1	8	"	"	"	"					
	2	5	"	"	"	"					2	8	"	"	"	"					
	3	6	"	"	"	"					3	8	"	"	"	"					
	4	6	"	"	"	"					4	8	"	"	"	"					
	5	6	"	"	"	"					5	7	"	"	"	"					
	6	6	"	"	"	"					6	7	"	"	"	"					
	7	6	"	"	"	"					7	7	"	"	"	"					
	8	6	"	"	"	"					8	7	"	"	"	"					
	9	6	"	"	"	"					9	7	"	"	"	"					
	10	6	"	"	"	"					10	7	"	"	"	"					
	11	6	"	"	"	"					11	7	"	"	"	"					
	12	6	"	"	"	"					12	7	"	"	"	"					

29.98

67 Days out

30.04

69 Days out

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.
SW 1/4 W	118'	1° 46' S	62.5'	19° 13' S	19° 12' S	2° E	1° 6' W	172° 58' E	173° 57' E	SW 1/4 W	180'	2° 31' S	98.0'	23° 57' S	24° 5' S	10° E	1° 46' W	169° 43' E	170° 20' E

From Tacoma towards Adelaide, Australia, From Tacoma towards Adelaide, Australia,

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Monday of Jan 30 th 1899											Tuesday of Feb 1 st 1899										
A. M.	1	7	"	SW by S	East	0				Fresh breeze fair weather moderate sea	1	4	"	SW by S	NE	0					Light breeze fair weather partly cloudy moderate sea.
	2	7	"	"	"	"					2	4	"	"	"	"					
	3	7	"	"	E. NE	"					3	4	"	"	"	"					
	4	7	"	"	"	"					4	4	"	"	"	"					
	5	8	"	"	"	"					5	3	"	"	"	"					
	6	8	"	"	"	"					6	3	"	"	"	"					
	7	8	"	"	"	"					7	3	"	"	"	"					No
	8	8	"	"	"	"					8	3	"	"	"	"					
	9	8	"	"	"	"					9	3	"	"	"	"					
	10	8	"	"	"	"					10	3	"	"	"	"					
	11	8	"	"	"	"					11	3	"	"	"	"					
	12	8	"	"	"	"					12	3	"	"	"	"					
P. M.	1	7	"	"	"	"				No	1	4	"	"	"	"					No
	2	7	"	"	"	"					2	4	"	"	"	"					
	3	7	"	"	"	"					3	4	"	"	"	"					
	4	7	"	"	"	"					4	4	"	"	"	"					
	5	7	"	"	"	"					5	3	"	"	"	"					
	6	7	"	"	"	"					6	3	"	"	"	"					
	7	7	"	"	"	"				Fresh & cloudy.	7	3	"	"	"	"					No
	8	7	"	"	"	"					8	3	"	"	"	"					
	9	7	"	"	"	"					9	2	"	"	"	"					
	10	7	"	"	"	"					10	2	"	"	"	"					
	11	7	"	"	"	"					11	2	"	"	"	"					
	12	7	"	"	"	"			30.03		12	2	"	"	"	"				30.04	

70 Days out

72 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C.	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
944°W	176'	2°4'N	122.3'	26°10'S	26°20'S	10'E	2°15'W	167°28'E	168°18'E	950°W	76'	0°49'N	48.2'	28°41'S	28°38'S	11'E	1°6'W	164°54'E	165°55'E

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Tuesday of Jan 31 st 1899											Wednesday of Feb 2 nd 1899										
A. M.	1	6	"	SW by S	E NE	0				Fresh breeze fair weather moderate sea.	1	2	"	SW by S	NE	0					Light breeze cloudy weather very heavy head sea 4 1/2 p.m. wind changes to SE increased to a strong breeze with dark cloudy and squally weather very heavy sea laid the vessel under the 3 lower topsails, foremast & fore topmast stay sail.
	2	6	"	"	"	"					2	1	"	"	"	"					
	3	6	"	"	"	"					3	2	"	"	"	"					
	4	6	"	"	"	"					4	3	"	"	"	"					
	5	6	"	"	"	"					5	5	"	"	"	"					
	6	6	"	"	"	"					6	4	"	"	"	"					
	7	6	"	"	"	"				No	7	4	"	"	"	"	1/2				
	8	6	"	"	"	"					8	4	"	"	"	"	"				
	9	6	"	"	"	"					9	3	"	"	"	"	"				
	10	6	"	"	"	"					10	3	"	"	"	"	"				
	11	6	"	"	"	"				Cloudy.	11	3	"	"	"	"	"				
	12	6	"	"	"	"				No	12	3	"	"	"	"	"				
P. M.	1	6	"	"	NE	"					1	3	"	"	"	ESE	1				A strong gale with squally and heavy weather.
	2	6	"	"	"	"					2	3	"	"	"	"	"				
	3	6	"	"	"	"					3	4	"	"	"	"	"				
	4	6	"	"	"	"					4	4	"	"	"	"	"				
	5	6	"	"	"	"					5	4	"	"	"	"	"				
	6	6	"	"	"	"					6	4	"	"	"	"	"				
	7	6	"	"	"	"				Moderate breeze fair.	7	4	"	"	"	"	"				No
	8	6	"	"	"	"					8	4	"	"	"	"	"				
	9	6	"	"	"	"					9	4	"	"	"	"	"				
	10	6	"	"	"	"					10	5	"	"	"	"	"				
	11	6	"	"	"	"					11	5	"	"	"	"	"				
	12	6	"	"	"	"			30.00		12	5	"	"	"	"	"			30.08	

71 Days out

73 Days out

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.
939°W	124'	1°36'N	78.0'	27°56'S	27°52'S	11'E	1°28'W	166°0'E	166°55'E	965°W	86'	0°39'N	76.6'	29°17'S	29°20'S	11'E	1°28'W	163°26'E	164°21'E

From Tacoma towards Adelaide, Australia. From Tacoma towards Adelaide, Australia.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	
										<i>Friday Feb 3rd</i>											<i>Saturday Feb. 4th 1899</i>	
A. M.	1	S	"	SW 1/4 S	E 1/2 E	1				Blowing a gale with a	1	6	"	SW 1/4 W	E 1/2 E	1/2					Moderate breeze & sea	
	2	S	"	"	"	"				cloudy, thick & squally	2	6	"	"	"	"					cloudy weather.	
	3	S	"	"	"	"				a heavy sea. shipped a	3	6	"	"	"	"					all sail set.	
	4	S	"	"	"	"				deal of water.	4	6	"	"	"	"						
	5	S	"	"	"	"					5	6	"	"	"	"						
	6	S	"	"	"	"				stowed foresail and miz. to	6	6	"	"	"	"						
	7	S	"	"	"	"				D ^o .	7	6	"	"	"	SE					D ^o .	
	8	S	"	"	"	"					8	6	"	"	"	"	"					
	9	S	"	"	"	"				very heavy squalls	9	6	"	"	"	"	"					
	10	S	"	"	"	"					10	6	"	"	"	"	"					
	11	S	"	"	"	"					11	3	"	"	"	South	"					10.30 tacked ship. stowed main Royal
	P. M.	12	S	"	"	"	"					12	4	"	"	E by S	"	1				
1		S	"	"	"	"				D ^o with rain	1	4	"	"	"	"	"					Fresh breeze clear weather.
2		S	"	"	"	"					2	4	"	"	"	"	"					
3		S	"	"	"	"					3	4	"	"	"	"	"					
4		S	"	"	"	"					4	4	"	"	"	"	"					
5		S	"	"	"	"					5	4	"	"	"	"	"					
6		S	"	"	"	"					6	4	"	"	"	"	"					
7		S	"	"	"	"				No change	7	4	"	"	"	"	"					Increasing to a strong
8		S	"	"	"	"					8	4	"	"	"	"	"					breeze squally weather. ft. jib, miz.
9		S	"	"	"	"					9	4	"	"	"	"	"					fore & main gaff sail & spanker stowed
10		S	"	"	"	"					10	4	"	"	"	"	"					Increasing to a gale, fair weather
11		S	"	"	"	"					11	4	"	"	"	"	"					stowed main sail & upper topsails
12	4	"	"	"	"				30.07		12	4	"	"	"	"				30.06		

74 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon.
162°W	119	0°56' S	105.1'	30°16' S	30°24' S	11° E	2°1' W	161°25' E	

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
										<i>Saturday Feb 4th</i>											<i>Sunday Feb 5th 1899</i>
<i>P. M.</i>	1	5	"	SW 1/4 W	East	1				A strong gale with heavy squally weather & rain a heavy sea.	1	3	"	E 1/2 S	South	2 1/2					A strong gale with cloudy & squally weather. heavy sea.
	2	5	"	"	"	"					2	3	"	"	"	"	"				
	3	5	"	"	"	"					3	3	"	"	"	"	"				
	4	5	"	"	"	"					4	3	"	"	"	"	"				
	5	4	"	"	"	"					5	3	"	"	"	"	"				
	6	4	"	"	"	"					6	3	"	"	"	"	"				
	7	4	"	"	"	"				<i>D^o.</i>	7	3	"	"	"	"	"				<i>D^o.</i>
	8	4	"	"	"	"					8	3	"	"	"	"	"				
	9	4	"	"	"	"					9	3	"	"	"	"	"				
	10	4	"	"	"	"					10	3	"	"	"	"	"				
	11	3	"	"	"	"					11	3	"	"	"	"	"				
	12	3	"	"	"	"					12	3	"	"	"	"	"				
<i>P. M.</i>	1	3	"	"	"	1/2				Wind & sea moderate cloudy & squally weather. set main topmast staysail & jib.	1	2	"	"	"	"	"				Moderate gale. heavy squalls.
	2	3	"	"	"	"					2	2	"	"	"	"	"				
	3	3	"	"	"	"					3	2	"	"	"	"	"				
	4	3	"	"	"	"					4	2	"	"	"	"	"				
	5	4	"	"	"	"					5	3	"	"	"	"	"				5.30 wore ship.
	6	4	"	"	"	"				set Mizzen lower, main fore upper topsails.	6	2	"	W 1/2 W	"	"	"				<i>D^o.</i>
	7	5	"	"	"	"					7	2	"	"	"	"	"				
	8	5	"	"	"	"					8	2	"	"	"	"	"				
	9	5	"	"	"	"				Moderate gale, cloudy weather & rain.	9	2	"	"	"	"	"				
	10	5	"	"	"	"					10	2	"	"	"	"	"				
	11	5	"	"	"	"				set foresail	11	1	"	"	"	"	"				
	12	5	"	"	"	"			30.05		12	1	"	"	"	"	"			30.01	7.7 Days out

75 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon.
147°W	102	1°10' S	74.6'	31°34' S	—	11° E	1°27' W	159°58' E	

77 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
144°E	38	0°27' N	26.4'	32°7' S	32°10' S	11° E	0°31' E	160°37' E	161°35' E

From Tacoma towards Adelaide, Australia. From Tacoma towards Adelaide, Australia.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Tues day of Feb 7 th 1899											Thurs day of Feb 9 th 1899										
P. M.	1	2		W. S. W.	South	2 1/2				Moderate gale cloudy & squally weather. heavy swell & sea.	1	3		W. S. W.	Light	1					Light breeze, cloudy & squally weather. heavy swell from South. could not weather the Pyramid kept before the wind and shaped the course to pass north of Lord Howe's Island.
	2	2									2	3									
	3	2									3	3									
	4	2									4	4		W. N. W.		0					
	5	2									5	4									
	6	2									6	4									
	7	2									7	4									
	8	2									8	4									
	9	3									9	4									
	10	3									10	4									
	11	3									11	5									
	12	3									12	5									
P. M.	1	3									1	5		W. S. W.							
	2	3									2	5		S. S. W.		1					
	3	3									3	5									
	4	3									4	5									
	5	3									5	5									
	6	3									6	5									
	7	3									7	5									
	8	3									8	4									
	9	3									9	4									
	10	3									10	5									
	11	2									11	5									
	12	2									12	5									

12 a.m. Ball's Pyramid bearing W 1/4 S. by compass Dist 45 miles or 21 Days out

12 a.m. Lord Howe's Is. South by 10 1/2 N. by 10 1/2 E. Dist 80 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					31° 55' S.										32° 16'				

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Wed day of Feb 8 th 1899											Fri day of Feb 10 th 1899										
P. M.	1	2		East	Light E	3				Moderate wind & sea cloudy & squally weather. 1st mainmast, spunk & flying jib.	1	5		S. W. W.	E. S. E.	0					Moderate breeze, fair weather. Head sea.
	2	2									2	5									
	3	2									3	4									
	4	2									4	4									
	5	2									5	4									
	6	2									6	4									
	7	2									7	4									
	8	2									8	4									
	9	2		E. by N.	S. E.						9	4				East					
	10	2									10	4									
	11	2									11	4									
	12	2									12	4									
P. M.	1	2		E. N. E.						Wind & weather the same.	1	4									
	2	2									2	4									
	3	2			S. by E						3	3									
	4	2								Wind veering to the S. E. 4 a.m. with ship.	4	3									
	5	3		S. W.		2					5	2									
	6	3									6	2				E. N. E.					
	7	3									7	2									
	8	3									8	2									
	9	3		S. by S	S. E.	1					9	2				E. N. E.					
	10	3									10	2									
	11	3									11	2									
	12	3									12	2									

12 a.m. Ball's Pyramid bearing S. by W. & N. E. Dist 79 miles out

12 a.m. Lord Howe's Is. South by 10 1/2 N. by 10 1/2 E. Dist 81 Days out

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

31° 10' 80' 129° 9' 41.2' 33° 28' S 33° 27' S 10° E 0° 49' 10' 157° 29' 157° 33' E

From Tacoma towards Adelaide Australia

From Tacoma towards Adelaide Australia

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
P. M.	1	2	4	Light	NE	0				Very light air fair weather.	1	6	4	Light	East	0					Fresh breeze, fair weather.
	2	1	7	"	"	"				Smooth sea.	2	6	4	"	"	"					heavy head sea.
	3	1	"	"	"	"					3	6	"	"	"	"					all sail set
	4	"	"	"	"	"					4	6	"	"	"	"					
	5	"	"	"	"	"					5	6	"	"	"	"					
	6	"	"	"	"	"					6	6	"	"	"	"					
	7	"	"	"	"	"					7	6	"	"	"	"					
	8	"	"	"	"	"					8	6	"	"	"	"					
	9	2	"	Light	NE	0				8 p.m. sprung up a breeze	9	6	"	"	"	"					
	10	3	"	"	NE	"				from NE. which gradually	10	6	"	"	"	"					
	11	4	"	"	NE	"				hauled to North - NW &	11	6	"	"	"	"					
	12	4	"	"	West	"				West.	12	6	"	"	"	"					
A. M.	1	5	"	South	WSE	1/2				Fresh breeze & fair	1	6	"	"	"	"					Wind & weather the same
	2	5	"	"	"	"					2	6	"	"	"	"					
	3	5	"	"	"	"					3	6	"	"	"	"					
	4	5	"	"	"	"					4	6	"	"	"	"					
	5	5	"	E by S	South	1				Wind veered to south-	5	6	"	"	"	"					
	6	5	"	"	"	"				ward.	6	6	"	"	"	"					
	7	5	"	"	"	"				Increasing to a strong breeze	7	6	"	"	"	"					
	8	5	"	"	"	"				equally weather.	8	6	"	"	"	"					
	9	5	"	E by N	SSE	"				Hauled main topgal. gallant	9	6	"	"	"	"					
	10	5	"	"	"	"				sails, fl. jib, spanker & main	10	6	"	"	"	"					
	11	4	"	"	"	"				topmast stay sail.	11	6	"	"	"	"					
	12	4	"	"	"	"					12	5	"	"	"	"					

30.19 showed mainsail
82 Days out

30.19
84 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
94° 12'	46'	0° 35' S	29.6'	34° 22' S	34° 24' S	10° E	0° 36' E	158° 55' E	158° 23' E

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
P. M.	1	3	"	E by S	Light	1/2				Strong breeze & cloudy.	1	6	"	Light	East	0					Fresh breeze, fair weather
	2	3	"	"	"	"				heavy sea.	2	6	"	"	"	"					moderate sea.
	3	3	"	"	"	"					3	6	"	"	"	"					
	4	3	"	"	"	"					4	6	"	"	"	"					
	5	3	"	"	"	"					5	7	"	"	"	"					
	6	3	"	"	"	"					6	7	"	"	"	"					
	7	3	"	SW	SSE	2				6 p.m. wore ship.	7	7	"	"	"	"					
	8	3	"	"	"	"				More moderate	8	7	"	"	"	"					
	9	4	"	"	"	"				cloudy weather passing	9	6	"	"	"	"					
	10	4	"	"	"	"				squalls. set mainsail,	10	6	"	"	"	"					
	11	5	"	SW by W	"	1				spanker, fl. jib, fore & main	11	6	"	"	"	"					
	12	5	"	"	"	"				top gallant sails.	12	6	"	"	"	"					
A. M.	1	5	"	"	"	"				Strong breeze fair	1	6	"	"	"	"					
	2	5	"	"	"	"				weather passing squalls	2	6	"	"	"	"					
	3	6	"	"	"	"				heavy head sea.	3	6	"	"	"	"					
	4	6	"	"	"	"					4	6	"	"	"	"					
	5	6	"	"	"	"					5	6	"	"	"	"					
	6	6	"	"	"	"					6	6	"	"	"	"					
	7	6	"	"	"	"					7	6	"	"	"	"					
	8	6	"	"	"	"					8	6	"	"	"	"					
	9	6	"	"	"	"					9	6	"	"	"	"					
	10	6	"	"	"	"					10	6	"	"	"	"					
	11	7	"	"	"	"					11	6	"	"	"	"					
	12	7	"	"	"	"					12	5	"	"	"	"					

30.19
85 Days out

30.10
85 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
94° 12'	81'	0° 58' S	56.3'	35° 22' S	35° 26' S	10° E	1° 8' W	156° 57' E	156° 30' E

From Tacoma towards Adelaide, Australia. From Tacoma towards Adelaide, Australia.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Friday Feb. 16 th 1899											Friday Feb. 17 th 1899										
P. M.	1	6		Why S	NE	0				Fresh breeze fair weather moderate sea	1	4		Why S	NE	0					Increasing to a strong breeze thick & cloudy weather.
	2	7		Why S							2	5									Stood fl. jib spanker & main topmast staysail.
	3	7									3	5									
	4	8									4	6									
	5	8			NE						5	5									
	6	8									6	5									Stood mainmast
	7	9								Strong breeze, fair	7	4		EE	NE	1/2					Very strong breeze cloudy & then weather.
	8	9									8	4									
	9	9									9	4									
	10	9								Stood main Mast, fl. jib, spanker, main topmast staysail, miz. & fore gallantsails.	10	3									Stood jib, mizzen & fore upper topsails
	11	8									11	3		EE	North	1/2					
	12	8								Heavy sea.	12	2									
P. M.	1	7			North						1	2									Very strong breeze, cloudy.
	2	7									2	2									
	3	6								Main top gallantsail fast	3	2									
	4	6									4	2									
	5	6									5	2									Moderating cloudy weather S. a. m. work ship.
	6	6								Moderating, cloudy & hazy.	6	2		Why S		1					St. jib, spanker, main topmast staysail
	7	6								St. spanker, main topmast staysail & fl. jib	7	2									mainmast, fore & miz. up. topsail
	8	6									8	2									
	9	5									9	3									
	10	5								Moderate, foggy weather took anchor & set on deck	10	3									tick with fog.
	11	5									11	2									St. fl. jib, fore & main top gallantsails
	12	5			NE				30.06		12	2								30.04	

86 Days out

88 Days out

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.
278°10'	164'	0°9'N	163.8'	38°44'S	38°42'S	10°E	3°28'W	149°50'E	149°36'	237°E	32'	0°27'S	19.3'	39°12'S	—	9°E	0°25'E	148°56'E	—

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Saturday Feb. 18 th 1899											Saturday Feb. 18 th 1899										
P. M.	1	4		Why S	NE	0				Light breeze, foggy weather, a heavy S.W. swell.	1	2		Why S	North	0					Light breeze thick with fog. heavy swell
	2	4									2	2									
	3	3									3	2									
	4	3									4	3									
	5	3									5	3									
	6	3									6	3									6 p.m. 35 fathoms of water course land on S.W. side.
	7	2								Light air, foggy weather.	7										Calm & variable winds cloudy weather.
	8	2									8										
	9	2									9										
	10	2									10										
	11	2									11										12 p.m. 29 fathoms. f. st.
	12	2									12										Calm & variable winds dark threatening clouds to the South & S.W. heavy lightning & thunder laid the vessel under topsails
P. M.	1	2								No change	1										
	2	2									2										
	3	2									3										
	4	2									4										
	5	3									5										
	6	3									6	3		Why S	NE	2 1/2					Strong breeze cloudy & hot weather.
	7	3									7	3									6 a.m. sounding 25 fms. f. st.
	8	3									8	3									
	9	3									9	3									Moderating.
	10	3									10	3									
	11	2									11	2		Why S	North	4					
	12	2									12	2									

30.14 hauled up by the wind on port tack

29.89

89 Days out

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.
278°10'	62'	0°2'S	62.0'	38°44'S	38°40'S	9°E	1°19'W	148°31'E	148°21'	South	18'	0°18'S	0'	39°30'S	39°43'S	10°E	0°0'	148°56'E	148°25'E

From Tacoma towards Adelaide Australia.

From Tacoma towards Adelaide Australia.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	
Sunday of Feb 19 th											Tues day of Feb 21 st 1899											
P. M.	1	2		E by N	North	5				Moderate. cloudy & heavy sea.	1				Calu						Calu & clear weather	
	2	2									2				"							
	3	1		SE	SW	7					3				"						Set miz up, topsail, main & fore gallantails & mainsail & on spray up a breeze from SE.	
	4	1									4				"							
	5	1									5	2	4	SW	SE	0						
	6	1									6	3	4	"	"	"						
	7	1									7	4	4	"	ESE	"					Set fl. jib & miz. gale. sail	
	8	1									8	6	4	"	"	"						
	9	1										9	6	4	"	East	"					Fresh breeze fair weather
	10	2			SW	SW	5					10	6	4	"	"	"					
	11	2										11	6	4	"	ESE	"					
	12	1										12	6	"	"	"	"					12 pm Dial light. SW. Dist 36 miles.
P. M.	1	1								Moderate & cloudy.	1				"	"	"					Dr. br. fair weather
	2	1									2				"	"	"					
	3	1									3				SW by S	"	"					
	4	2									4				"	"	"					
	5	3		SW by W	WSW	2					5				"	East	"					5 a.m. Dial light. light abeam.
	6	3									6				SW by S	"	"					
	7	3									7				"	"	"					
	8	3									8				"	"	"					
	9	2		SW		4					9				W by S	ENE	"					Fresh & cloudy. stowed mainsail & fl. jib. 8 a.m. Sugarloaf NW by W & SW by E. NE.
	10	2									10				"	"	"					Wing of cloudy.
	11	1									11				"	"	"					11 a.m. Dial light. NE & SW by E.
	12	1									12	11			"	"	"					29.97 E by S 3/4 S. 92 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon.	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 33 E	19	0° 16' N	10.3	39° 28' S	29° 21' S	10° E	0° 13' E	149° 9' E	148°	N 75° W	11	0° 3'	10.6	39° 30' S	39° 02' S	9° E	0° 14'	146° 1' E	

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	
Wed day of Feb. 20 th											Wed day of Feb. 22 nd 1899										
P. M.	1	2		W by N	SW	4				A strong gale, fair & weather. heavy sea.	1	8		W by N	E. N. E.	0				Dr. breeze, fair weather moderate sea.	
	2	2									2	8									
	3	2									3	8									
	4	2									4	7								Repairing main topmast staysail	
	5	2									5	7			East						
	6	2									6	6									
	7	2		WNW		5				Very strong gale at weather.	7	5								Decreasing to a light breeze fair weather partly hazy.	
	8	2									8	4									
	9	2								Main topmast staysail set away. Stowed fore top mast.	9	4									
	10	2									10	3									
	11	2									11	3									
	12	2									12	2									
P. M.	1	2		W by N	SSW	6				Moderating, fair.	1	2								very light air, fair weather	
	2	2									2	2									
	3	1									3	1									
	4	1									4	3			South					wind veered to south.	
	5	1		West		7					5	4									
	6	1								set fore top mast staysail	6	4									
	7	1								Decreasing to moderate breeze	7	4			SSW					moderate breeze fair weather all sail set.	
	8	1								light air, clear weather	8	4									
	9	1								set jib, foresail, main top.	9	4									
	10	1								up. top sails	10	4		W by S	South						
	11	1								Under way main topmast	11	4									
	12	1							30.18		12	4							30.08	12.30 Cape Otway bearing N. 10. E.	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon.	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 11° W	38'	0° 38' N	0.7'	38° 43' S	38° 51' S	10° E	0° 1' 10"	149° 8' E	148						39° 6' S				143° 41' E

From Tacoma towards Adelaide Australia. From Tacoma towards Adelaide Australia.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Thursday Feb 23 rd 1897																					
P. M.	1	4	4	W 1/2 S	ESE	0				Moderate breeze hazy.	1.	1	3	4	W by N	SE	0				Light breeze & clear
	2	4	4	"	"	"				moderate sea		2	3	4	W by N	"	"				
	3	4	4	"	"	"				have main topmast stay		3	3	4	W by N	"	"				
	4	4	4	"	"	"						4	3	4	"	"	"				
	5	4	4	"	SE	"						5	4	4	"	"	"				
	6	4	4	"	"	"						6	4	4	"	"	"				
	7	4	4	"	"	"						7	4	4	"	"	"				Moderate & clear
	8	4	4	"	East	"						8	4	4	"	"	"				
	9	4	4	"	"	"						9	4	4	"	"	"				
	10	4	4	W by N	"	"						10	4	4	"	"	"				
	11	6	4	"	"	"						11	4	4	"	"	"				
	12	6	4	"	"	"						12	4	4	"	"	"				
A. M.	1	4	4	"	"	"						1	3	4	"	"	"				Light & cloudy.
	2	4	4	"	"	"						2	3	4	"	"	"				
	3	4	4	"	"	"						3	3	4	"	"	"				
	4	4	4	"	"	"						4	3	4	"	"	"				
	5	6	4	"	ESE	"						5	3	4	"	"	"				
	6	6	4	"	"	"						6	3	4	"	"	"				
	7	6	4	"	"	"						7	3	4	W	South	"				Light variable wind
	8	6	4	"	"	"						8	2	4	"	"	"				cloudy.
	9	4	4	"	"	"						9	2	4	West	Variable	"				
	10	4	4	"	"	"						10	1	4	"	"	"				
	11	4	4	"	East	"						11	1	4	"	"	"				
	12	4	4	"	"	"						12	2	4	"	"	"				

29.94

94 Days at sea

29.67

96 Days at sea

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.
N 77° W	120	0° 27' N	116.9	38° 39' S	38° 46' S	7° E	2° 30' W	141° 14' E	141° 1' E	N 37° W	64	0° 51' N	38.5	37° 48' S	—	6° E	0° 49' W	139° 18' E	—

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Friday Feb 24 th 1897																					
P. M.	1	2	4	W by N	ESE	0				Very light air, cloudy	1.	1	3	4	SW 1/2 S	WNW	1/2				Moderate, over & rain
	2	2	4	"	"	"				heavy swell from SW		2	3	4	"	"	"				showed all light sails
	3	2	4	"	"	"						3	2	4	SW 1/2 W	WSW	"				ballast sails & mainsail
	4	2	4	"	"	"						4	2	4	"	"	"				
	5	2	4	"	"	"						5	2	4	"	"	"				Increasing to a gale
	6	2	4	"	"	"						6	2	4	"	"	"				no change in weather.
	7	2	4	"	Variable	"				very variable with		7	2	4	"	"	"				showed my up. top sail & foresail
	8	2	4	"	"	"				strong gusts of wind		8	2	4	"	"	"				
	9	2	4	"	"	"				all light sails, gull sails		9	2	4	"	"	"				
	10	2	4	"	"	"				& mainsail fast.		10	2	4	"	"	"				top sail cleared away.
	11	2	4	"	"	"						11	2	4	"	"	"				
	12	2	4	"	SW	"				Cleared off		12	2	4	"	"	"				
A. M.	1	2	4	West	"	"				Light breeze & clear	1.	1	2	4	SW 1/2 W	West	3				Moderate gale & fair
	2	2	4	"	South	"						2	2	4	"	"	"				very heavy squalls.
	3	2	4	"	"	"				all mainsail		3	1	4	"	"	"				
	4	2	4	"	"	"						4	1	4	"	"	"				
	5	2	4	"	SE	"						5	1	4	SW 1/2 S	WNW	"				
	6	2	4	W by N	"	"				all sail set.		6	2	4	"	"	"				
	7	2	4	"	"	"						7	2	4	"	"	"				No change
	8	2	4	"	"	"				Light & clear		8	1	4	"	"	"				
	9	2	4	"	"	"						9	2	4	"	"	"				
	10	2	4	"	"	"						10	2	4	"	"	"				showed for up. top sail.
	11	2	4	"	"	"						11	1	4	"	"	"				
	12	2	4	"	"	"						12	1	4	"	"	"				

29.95

95 Days out

29.50

97 Days out

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.
N 75° W	56	0° 14' N	54.1	38° 32' S	38° 39' S	6° E	1° 10' W	140° 4' E	139° 55' E	S 5° E	40	0° 40' S	3.5	38° 28' S	38° 27' S	6° E	0° 4' E	139° 19' E	139° 9' E

From Tacoma towards Adelaide, Australia. From Tacoma towards Adelaide, Australia.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Monday of Feb 27 th 1899																					
A. M.	1	2		SW by S	WNW	3				Strong gale heavy squalls.	1	1		SW by S	WNW	5					Blowing a storm with very
	2	2								heavy sea		2	2								violent squalls. A tremendous
	3	2										3	1								heavy sea visible on her beam
	4	2										4	2		SW by E	WNW					and. Ice hail most of the time
	5	2				14				Main up. topsail & Mizzen		5	2								under water. Wind veered
	6	2								lower topsail & jib.		6	2								to SW. 6 p.m. wore ship.
	7	2										7	2		SW by W	SW					Wind & weather the same
	8	2								A very strong gale		8	2								resent a good deal easier
	9	2								with violent squalls.		9	2								on this tack.
	10	2								Shipped a great deal		10	2								
	11	2								of water vessel almost		11	2								
	12	2								in her beam end.		12	2								
P. M.	1	2								29.45		1	2								Blowing still very strong
	2	2								Deck continually flooded.		2	2								squalls less violent
	3	1								No change		3	2								
	4	1										4	2								A very rough sea.
	5	1				6						5	2								
	6	1								Moderate moderate & squalls		6	2								
	7	1								less violent		7	1								Moderating squalls
	8	1										8	1								set main topmast staysail
	9	1								filled the cabin with water.		9	1								
	10	1								29		10	2								set mig. lower topsail fore
	11	2										11	2								sail & jib.
	12	2								29.62		12	2								30.04

98 Days at sea

100 Days out

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.
SW by E	39'	0° 37' S	6.1'	39° 6' S	39° 5' S	6° E	0° 8' E	139° 27' E	139° 19' E	N 18° E	27'	0° 26' N	8.3'	39° 7' N	39° 6' N	6° E	0° 11' E	139° 41' E	139° 31' E

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Tuesday of Feb 28 th 1899																					
A. M.	1	2		WSW	WNW	5				A brisk gale with squalls.	1	2		WNW	WSW	2 1/2					Moderate gale, cloudy
	2	2								weather. heavy sea.		2	3								passing squalls. heavy sea.
	3	1										3	3								
	4	1										4	3								
	5	1										5	3								set mainmast, spanker & fly jib
	6	1										6	4								
	7	1		SW	WNW					No change		7	4								Dr & decreasing
	8	1										8	4								
	9	1										9	4								
	10	1										10	3								set main up. topsail
	11	2										11	3								
	12	2										12	3								
P. M.	1	1		SW by S						Wind and weather the	1	2									Light breeze, heavy squalls
	2	1								same.		2	2								heavy swell.
	3	1										3	2								set fore & mig. up. topsails
	4	1										4	2								
	5	1										5	2		WNW	WSW					
	6	1										6	2								
	7	1										7	2								Light breeze & cloudy.
	8	1								Increasing very heavy		8	2								
	9	1								gale violent squalls		9	2		WNW						
	10	1								very heavy sea		10	2								
	11	2								Deck continually flooded		11	2								
	12	2								29.59		12	2								30.29

99 Days out

101 Days out

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.
SW by E	29'	0° 29' S	2.5'	39° 34' S	39° 33' S	6° E	0° 3' E	139° 30' E	139° 21' E	N 12° W	62'	1° 1' N	12.9'	38° 5' S	38° 6' S	6° E	0° 17' W	139° 24' E	—

From

Tacoma

towards Adelaide, Australia.

From

Tacona

towards Adelaide Australia

	H.	K.	½ K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	½ K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
										<i>1st day of March 3rd 1897.</i>											<i>2nd day of March 4th 1897.</i>
A. M.	1	2	"	N by W	West	1				Light & cloudy	1	S'	"	"	N.W.N	E.S.E	0				Dr. br. & cloudy.
	2	2	"	"	"	"				Heavy swell.	2	G	"	"	N by W	"	"				
	3	2	"	N.W	W.S.W	"				set main & fore gall.sails	3	G	"	"	"	"	"				
	4	2	"	"	"	"					4	G	"	"	"	"	"				
	5	3	"	"	"	"					5	G	"	"	"	"	"				Land in sight.
	6	3	"	"	"	"					6	G	"	"	"	"	"	"			
	7	3	"	W.N.W	S.W	0					7	7	"	"	"	"	"	"			
	8	3	"	"	"	"					8	7	"	"	"	"	"	"			Increasing & cloudy.
	9	2	"	"	South	"				set main Royal.	9	7	"	"	"	"	"	"			stowed light sails, gall.sails
	10	2	"	"	"	"				Wind veered to South	10	7	"	"	"	"	"	"			& mainsail
	11	2	"	"	"	"				& eastward.	11		"	"	N by E	"	"	"			9.30 p.m. sighted Cape Bordeligne
	12	2	"	"	"	"					12		"	"	"	"	"	"			bearing N.E by E.
P. M.	1	2	"	"	E.S.E	"					1		"	"	N.E	"	½				12 p.m. saw light E ½ S. Dist 5 miles
	2	2	"	"	"	"					2		"	"	"	"	"				Moderating & fair
	3	2	"	"	"	"					3		"	"	"	"	"				
	4	2	"	"	"	"					4		"	"	"	"	"				set main & fore gall.sails
	5	2	"	"	"	"					5		"	"	"	"	"				
	6	2	"	"	"	"					6		"	"	"	"	"				
	7	2	"	"	"	"					7		"	"	"	"	"				Very light air & fair
	8	2	"	"	"	"					8		"	"	"	"	"				
	9	3	"	"	"	"					9		"	"	"	"	"				
	10	3	"	"	"	"					10		"	"	"	"	"				all sail set.
	11	3	"	"	"	"					11		"	"	E.N.E	10 S.W	"				Wind changed to Westward
	12	3	"	"	"	"			30.22		12		"	"	"	"	"				30.10 p.m. Cape Bord. 10 ½ S. & all hope lost light
																				10 ¼ S. 10 ¼ S. out	

[illegible][illegible]

From Ship Enterspe towards Port Adelaide March 99

From Ship Enterspe towards Port Adelaide March 1899

H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of	189
A. M.	1		Tuesday March 7 th 1899	Calm in the morning fine & clear weather. Later on Wind SW. moderate breeze. unbent fore upper & lower topsails & mizz upper topsail. In the afternoon crew variously employed. Cook discharged not performing his duties satisfactory. Fore main chain royal fast. Carpenter night watchman.							
	2										
	3										
	4										
	5										
	6										
	7										
	8										
	9		Wednesday March 8 th 1899	Wind NE & North in the forenoon West & SW in the afternoon. fine weather. gentle breeze. Same pilot came aboard hauled alongside the wharf & moved with wire cables aft & ropes forward. Crew variously employed during the day. Discharged the crew in the evening. 4 2 nd mate, Carpenter night watchman.							
	10										
	11										
	12										
P. M.	1										
	2										
	3										
	4		Thursday March 9 th 1899	Wind SW & South. fresh breeze & fair. Same command discharging cargo (will shew done) loan and 200 pieces crew paid off. Carpenter night watchman.							
	5										
	6										
	7										
	8		Friday March 10 th 1899	Wind SE. moderate & fair. Discharged cargo until 4.30 p.m. took out 494 pieces of lumber and 222 bundles of Pickets & Laths. Afterward hauled ship. Carpenter night watchman.							
	9										
	10										
	11										
	12										

H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of	189
	1		Thursday March 16 th 1899	Light breeze of westerly wind fine weather. Discharged lumber the whole day. put out 918 pieces of lumber & 451 Pickets & 47 Bds. of laths. 1 sailor came aboard and went to work. 1 sailor sick and paid off. J. Brunstrom Night watchman. Crew employed chipping outside.							
	2										
	3										
	4										
	5										
	6		Friday March 17 th 1899	Fresh breeze. SW Wind. fair. towards evening cloudy. Discharged lumber the whole day. took out 981 pieces of lumber. 257 Bds. of Pickets & 105 Bds. of laths. Brunstrom all out. Vessel brought 185. H. 175 fore. J. Brunstrom Night watchman. Crew employed chipping outside.							
	7										
	8										
	9										
	10										
	11										
	12		Saturday March 18 th 1899	Wind SW. fresh breeze. heavy gusts of wind & equally weather. Crew employed chipping outside. Discharged lumber till 1 p.m. took out 661 pieces of lumber. & 25 Bds. of Pickets. J. Brunstrom Night watchman.							
	1										
	2										
	3										
	4										
	5										
	6		Sunday March 19 th 1899	Very strong breeze of SW. wind & cloudy. hauled ship in the morning. no work the rest of the day. Same night watchman.							
	7										
	8										
	9										
	10		Monday March 20 th 1899	Strong westerly wind squally weather. Discharged cargo took out 1033 pieces of lumber. Crew employed chipping outside. Same night watchman.							
	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.

H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of	189
A. M.	1		Tuesday March 21 st 1899	Gentle breeze of NE Wind in the forenoon, clear in the afternoon Wind SW. Discharged cargo till 1 p.m. took out 321 pieces of lumber & 87 bundles of Pickets. Carpenter night watchman.							
	2										
	3										
	4										
	5										
	6		Sunday March 13 th 1899	Light breeze of easterly wind. fine weather. in the afternoon wind West. No work. Carpenter night watchman.							
	7										
	8										
	9		Monday March 15 th 1899	Moderate NE wind fine weather. Discharged lumber the whole day. put out 710 pieces of lumber & 299 Bds. Pickets & 43 Bds. of Laths. Carpenter night watchman.							
	10										
	11										
	12										
P. M.	1		Tuesday March 14 th 1899	Light breeze of North. NW. West. & SW. wind. fine weather. Discharged cargo the whole day. put out 770 pieces of lumber & 141 Pickets. 10 Bds. of Laths. 7 men of the crew came aboard and went to work & 2 nd mate. J. Brunstrom Night watchman.							
	2										
	3										
	4										
	5										
	6										
	7		Wednesday March 16 th 1899	Wind East, NE & North. light breeze. fair weather. Discharged cargo the whole day. put out 938 pieces of lumber. 99 Pickets 2 Bds. Laths. 2 sailors came aboard and went to work. Crew employed chipping outside. J. Brunstrom Night watchman.							
	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.

H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of	189
	1		Tuesday March 21 st 1899	Wind westerly strong breeze. squally with showers of rain. Discharged lumber. put out 1566 pieces. Crew chipping outside. J. Brunstrom Night watchman. 1 sailor came aboard and went to work.							
	2										
	3										
	4										
	5										
	6		Wednesday March 22 nd 1899	Wind NE in the morning fine weather, later on wind turned to North. SW & West fresh breeze towards evening. Discharged cargo. crew employed painting & chipping outside. put out 1375 pieces of lumber. Same night watchman.							
	7										
	8										
	9										
	10										
	11										
	12		Thursday March 23 rd 1899	Moderate breeze of South Wind cloudy in the morning. fine weather the rest of the day. Discharged cargo put out 1243 pieces. Crew employed painting & chipping outside. Same night watchman.							
	1										
	2										
	3										
	4										
	5		Friday March 24 th 1899	Light NE wind fine weather. Discharged cargo. took out 868 pieces of lumber. crew painting & chipping outside. one sailor paid off. Same night watchman.							
	6										
	7										
	8										
	9		Saturday March 25 th 1899	Moderate breeze of SW Wind Discharged cargo till 1 p.m. put out 424 pieces. crew employed painting & chipping outside. In the afternoon washed her down fore & aft. paid off the crew. Same night watchman.							
	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.

From Ship Entrepie in towards Port Adelaide March 1899

From Ship Entrepie in towards Port Adelaide April 1899.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of
A. M.	1			Sunday March 26 th	A very strong gale of wind from W. & W. squally					Just Brunstrom Nightwatchman	
	2			1899.	weather.						
	3										
	4			Monday March 27 th	Light North wind fine clear weather. Discharged						
	5			1899.	cargo took out 994 pieces. Shipped 7 sailors						
	6				and put them to work painting & chipping outside						
	7										
	8										
	9			Tuesday March 28 th	Wind North in the forenoon & SW in the afternoon						
	10			1899.	moderate breeze fine weather. Discharged lumber						
	11				at 12 a.m. all out. 494 pieces and the rest of the						
	12				Lumber & packets, shipped and sailed. Crew employed						
P. M.	1				painting & chipping outside. Same Nightwatchman						
	2				draught of vessel. 13' 11" Aft. 11' 7" forward						
	3										
	4			Wednesday March 29 th	Light breeze of East & NE wind. fine weather. hauled stay						
	5			1899.	in the morning. In the afternoon took in 290 bags						
	6				of flour. crew employed painting & chipping						
	7				outside.						
	8										
	9			Thursday March 30 th	Light breeze of SW wind fine weather. took in						
	10			1899.	2008 bags of flour. crew employed painting & chipping						
	11				outside.						
	12										

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of	189
	1			Wednesday April 5 th	Light South wind fair weather took in 547 bags of copper ore. crew variously employed set up main & snigger rigging. shipped one sailor Just Brunstrom Nightwatchman							
	2			1899.								
	3											
	4											
	5											
	6			Thursday April 6 th	Wind SW. light breeze & fair. Took in 281 bags of copper ore. crew variously employed Just Brunstrom Nightwatchman							
	7			1899.								
	8											
	9											
	10											
	11			Friday April 7 th	Direct breeze of SW wind took in 290 bags of flour crew variously employed. Just Brunstrom Nightwatchman							
	12			1899.								
	1											
	2											
	3			Saturday April 8 th	Blowing very strong from SW. squally weather. took in the rest of the cargo 1010 bags of flour. crew variously employed. made ready to go out. 12 p.m. the Pilot came aboard but the wind was so strong could not move the vessel. washed deck. Vessel's draught of water 15' 10" 1/2 10' for same night watchman.							
	4			1899.								
	5											
	6											
	7											
	8											
	9											
	10			Sunday April 9 th	Direct breeze South Wind squally weather 7 a.m. the Pilot came on board provided to haul out. got the 'Eng' Euro and towed out. anchored in the boatshed with port anchor 48 fathoms of chain to the water.							
	11			1899.								
	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.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of
A. M.	1			Friday March 31 st	Light Variable Wind					fine weather. washed	
	2			1899.	down fore & aft in the morning,					no work the	
	3				rest of the day.					Same Nightwatchman.	
	4										
	5			Saturday April 1 st	Wind SW. moderate & cloudy.					worked cargo until	
	6			1899	4 p.m. took in 1757 bags of copper ore.					crew emp	
	7				painting & chipping outside.						
	8									Same Nightwatchman.	
	9										
	10			Sunday April 2 nd	Wind SW. a very strong gale with heavy gust of W.					and squally weather, moderating towards night. No work.	
	11			1899						Same Nightwatchman.	
	12										
P. M.	1										
	2			Monday April 3 rd	Moderate breeze SW. wind					fair weather,	
	3			1899	took the royal yard down the between deck, first in the morning,					no work, the rest of the day,	
	4									Same Nightwatchman.	
	5										
	6										
	7			Tuesday April 4 th	Moderate SW. wind					fine weather. took on board	
	8			1899						2448 bags of copper ore. crew variously	
	9									employed. built upper & lower foretoppails & my	
	10									upper top rail, set up the fore rigger. and set	
	11									up the vessel. shipped and sailed.	
	12									Just Brunstrom Nightwatchman.	

H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of	189
1									Top of yard broke, secured the yard with tackle &		
2									lashings and had the carpenter & 2 men at work		
3									to get the crane down, the rest of the crew		
4									cleared up everything on deck.		
5									Blowing strong from South. Got Brunstrom Nightwatchman.		
6											
7			Monday April 10 th						A strong breeze of SE & South Wind & cloudy.		
8			1899						At 9 a.m. got the broken crane adrift and down.		
9									Captain took it ashore to get repaired. crew		
10									variously employed. Carpenter & 2 men employed getting		
11									the crane built out of the cap. Same Nightwatchman.		
12											
1			Tuesday April 11 th						Light E. & SE Wind & fair wind veering to East & SW. with a		
2			1899						fresh breeze. crew variously employed. Carpenter with		
3									2 men working at the crane from the whole day, to get		
4									it out of the cap. the crane came back repaired.		
5									Same Nightwatchman.		
6											
7			Wednesday April 12 th						Light NE Wind in the forenoon. SW. in the afternoon		
8			1899						fine weather. crew variously employed.		
9									Carpenter with 2 men working the whole day		
10									at the pin in the cap. made but slow progress.		
11											
12									Same Nightwatchman.		

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.

From Port Adelaide towards Newcastle.

[illegible]

From Port Adelaide towards Newcastle.

From Port Adelaide towards Newcastle.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Tuesday of April 18 th 1897.																				
P. M.	1	6	"	E by N	N by E	1/2				Fresh breeze fair partly cloudy. smooth sea.	1	6	"	E by N	W by S					Fresh & cloudy moderate sea.
	2	6	"	"	"	"					2	6	"	"	"					3 p.m. Cape Otway WNW. Dist 20 miles.
	3	6	"	"	"	"					3	6	"	East	"					
	4	6	"	"	"	"					4	6	"	"	"					
	5	6	"	E 1/2 N	N by E	"					5	7	"	"	"					
	6	7	"	"	"	"					6	7	"	"	"					
	7	6	"	"	"	"				Fresh & cloudy.	7	7	"	"	"					D.
	8	6	"	"	"	"					8	7	"	"	"					
	9	6	"	"	"	"					9	6	"	"	"					
	10	6	"	"	"	"					10	6	"	"	"					
	11	6	"	"	"	"					11	6	"	"	"					
	12	6	"	"	"	"					12	6	"	"	"					
P. M.	1	8	"	"	"	"				Fresh & squally. heavy lightning & thunder. foggy. squalls, viz 1 fore by gale winds fast.	1	7	"	"	"					D.
	2	8	"	"	"	"					2	7	"	"	"					
	3	8	"	"	"	"					3	7	"	E 1/2 S	"					
	4	6	"	"	"	"					4	7	"	"	"					
	5	7	"	"	"	"					5	8	"	"	"					
	6	7	"	"	"	"					6	8	"	E 1/2 E	"					
	7	7	"	"	"	"				Fresh & squally. all sail set.	7	8	"	"	"					D.
	8	7	"	"	"	"					8	7	"	"	"					
	9	6	"	E by N	W	0					9	7	"	East	"					
	10	8	"	"	"	"					10	7	"	"	"					
	11	8	"	"	"	"					11	7	"	"	"					
	12	8	"	"	"	"					12	7	"	"	"					

29.97

4 days out.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C.	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
182.5 E	141'	0.20' S	139.6'	39.12' S	39.27' S	6° E	3.0° E	140.27' E	140.19' E										

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Wednesday of April 19 th 1897.																				
P. M.	1	6	"	E by N	W by W	0				Fresh breeze & cloudy moderate sea.	1			East	W by W	0				Fresh breeze & cloudy moderate sea.
	2	6	"	"	"	"					2			"	"	"				
	3	6	"	"	"	"					3			E 1/2 E	"	"				
	4	6	"	"	"	"					4			"	"	"				
	5	6	"	"	"	"					5			E 1/2 E	W	"				
	6	6	"	"	"	"					6			"	"	"				6 p.m. Deal Is. light W by W dist 16 miles.
	7	6	"	"	W by S	"				D.	7			"	"	"				
	8	6	"	"	"	"					8			"	"	"				
	9	6	"	"	"	"					9			"	"	"				9 p.m. same light SW 3/4 W Dist 34 miles moderate & cloudy.
	10	6	"	"	"	"					10			"	"	"				
	11	6	"	"	"	"					11			"	"	"				
	12	6	"	"	"	"					12			"	"	"				
P. M.	1	6	"	"	"	"				D.	1			"	"	"				D.
	2	6	"	"	"	"					2			"	"	"				
	3	6	"	"	"	"					3			"	"	"				
	4	6	"	"	"	"					4			"	"	"				
	5	6	"	"	"	"					5			"	"	"				
	6	6	"	"	"	"					6			"	"	"				
	7	6	"	"	"	"					7			"	"	"				D.
	8	6	"	"	"	"				Lead in sight.	8			"	"	"				
	9	6	"	"	"	"					9			"	"	"				
	10	6	"	"	"	"					10			"	"	"				
	11	6	"	"	"	"					11			"	"	"				
	12	6	"	"	"	"					12			"	"	"				

30.04

2 a.m. Cape Otway Light house North. 5 days out.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
185.7 E	99'	0.54' N	83.0'	38.35' S	38.41' S	9° E	1.47' E	149.6' E	149.10' E

7 days out.

From Port Adelaide towards Newcastle.

From Port Adelaide towards Newcastle.

From Port Adelaide towards Newcastle.											From Port Adelaide towards Newcastle.										
	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Saturday of April 22 ^d											Monday of April 24 th 1897										
P. M.	1	3	"	NE	SW	0				Light breeze & fair	1	1	"	NE-N	NE-NW	1/2					Strong breeze & cloudy.
	2	3	"	"	"	"				Smooth sea.	2	1	"	"	"	"					choppy sea.
	3	2	"	"	SEW	"					3	1	"	"	"	"					
	4	2	"	"	"	"				Wind veered to the	4	1	"	"	"	"					
	5	2	"	"	SE	"				South & eastward.	5	1	"	"	"	"					
	6	2	"	"	"	"					6	1	"	"	"	"					
	7	2	"	NE	E by N	1/2				SE	7	1	"	West	"	2					by on tack, & stowed fl. jib.
	8	2	"	"	"	"					8	1	"	"	"	"					Half masts, mainmast & spanker.
	9	3	"	NE	NE	"					9	1	"	"	"	"					Increasing to a gale
	10	3	"	"	"	"					10	4	"	"	"	"					cloudy weather.
	11	3	"	"	"	"					11	4	"	"	"	"					Stowed upper topsails
	12	3	"	"	"	"					12	4	"	"	"	"					& jib.
P. M.	1	4	"	"	"	"				Moderate & fair.	1	3	"	"	"	"					Blowing a gale, cloudy
	2	4	"	"	"	"					2	3	"	"	"	"					heavy sea.
	3	4	"	"	"	"					3	3	"	"	"	"					
	4	4	"	"	"	"					4	3	"	"	"	"					
	5	5	"	E by S	"	"					5	3	"	"	"	"					
	6	5	"	"	"	"					6	3	"	"	"	"					
	7	6	"	"	NE	"				Fresh & fair.	7	3	"	"	"	"					SE.
	8	6	"	"	"	"					8	3	"	"	"	"					
	9	6	"	E 1/2 S	"	"					9	3	"	"	"	"					
	10	6	"	"	"	"					10	3	"	"	"	"					
	11	6	"	"	"	"					11	3	"	"	"	"					
	12	6	"	"	"	"				30.18	12	3	"	"	"	"					29.66
8 Days at sea.											10 Days at sea.										
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by		Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.	
N 70° E	78	0:27' S	73.3'	39° 8' S	39° 7' S	9° E	1:34' E	150:40' E	150:30'		N 83° W	37'	0:5' N	36.7'	38° 34' S	—	11° E	0:47' W	152:41' E	—	
Sunday of April 23 ^d											Tuesday of April 25 th 1897										
P. M.	1	5	"	E by N	NE by E	1/2				Fresh & fair -	1	4	"	SEW	NEW	2					Strong gale, wind changed to NW
	2	6	"	"	"	"				Smooth sea.	2	2	"	NE by NW	W by N	1/2					in a very heavy rain squall, more sh.
	3	6	"	"	"	"					3	2	"	"	"	"					Stowed foremast & only lower top sail
	4	6	"	"	"	"					4	3	"	"	"	"					moderating squally.
	5	6	"	"	"	"					5	3	"	"	"	"					set only lower top sail, jib spanker
	6	6	"	"	"	"					6	4	"	"	"	"					main topmast staysail & foremast.
	7	6	"	"	"	"				Irish & cloudy.	7	5	"	NE by W	W by S	1/2					Strong breeze, cleared away
	8	6	"	"	"	"					8	5	"	"	"	"					set top sails, mainmast &
	9	6	"	NE by E	NE by W	"					9	7	"	"	"	"					main top gallant sail.
	10	6	"	"	"	"					10	7	"	"	"	"					
	11	6	"	"	"	"					11	7	"	"	"	"					heavy squalls stowed
	12	6	"	"	"	"					12	7	"	"	"	"					main gall. sail & mainmast.
P. M.	1	6	"	NE	NEW	"				SE	1	7	"	"	"	"					a strong gale with heavy
	2	6	"	"	"	"					2	7	"	"	"	"					squalls. Stowed spanker
	3	6	"	"	"	"					3	7	"	"	"	"					top & fore upp. top sails.
	4	6	"	"	"	"					4	7	"	"	"	"					
	5	6	"	"	"	"					5	6	"	NE by NW	W by W	"					
	6	6	"	"	"	"					6	6	"	"	"	"					SE.
	7	6	"	"	"	"					7	6	"	"	"	"					Stowed main up top sail, jib and
	8	6	"	"	"	"					8	6	"	"	"	"					main topmast staysail.
	9	6	"	"	"	"					9	6	"	"	"	"					
	10	6	"	"	"	"					10	6	"	"	"	"					
	11	6	"	"	"	"					11	6	"	"	"	"					
	12	6	"	"	"	"				30.84	12	6	"	"	"	"					29.84
9 Days at sea.											11 Days at sea.										
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by		Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.	
N 77° E	134'	30' N	130.6'	38° 37' S	38° 39' S	11° E	2:48' E	153:28' E	153:15'		N 74° E	124'	2:4' N	8.6'	36° 30' S	—	11° E	0:11' E	152:52' E	—	

From Port Adelaide towards Newcastle.

	H.	K.	½ K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Wednesday of April 26 th 1880.										
P. M.	1	7	4	NNW	SW	0				A strong gale with very heavy squalls. heavy sea.
	2	7	4							
	3	7	4							
	4	7	4							
	5	7	4							
	6	7	4							Slowed main app. top sail.
	7	7	4							
	8	7	4							
	9	8	4							
	10	8	4							
	11	8	4							
	12	8	4							
A. M.	1	7	4							Wind & weather the same.
	2	7	4							
	3	7	4							
	4	7	4							
	5	8	4							
	6	8	4							
	7	8	4							
	8	8	4							
	9	8	4							
	10	8	4							
	11	8	4							
	12	8	4							30.05 Land in sight to the westward.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
118° 10'	180'	2° 07' N	56.6'	33° 39' S	33° 46' S	10° E	1° 8' 20"	151° 44' E	151° 32'

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
										to Thursday at April 27. 1881.
P. M.	1	8	"	N by W 10	S by W					Very strong gale with heavy squalls
	2	4	"	"	"					1.30 started for sail & my ~~top~~ top
	3	3	"	S by E	"					and home too on the starboard tack
	4	2	"	"	"					very heavy sea.
	5	2	"	"	"					
	6	2	"	"	"					
	7	2	"	E by S	S by E					Do
	8	2	"	"	"					
	9	2	"	"	"					
	10	2	"	"	"					
	11	2	"	"	"					
	12	2	"	"	"					
P. M.	1	2	"	"	"					more moderate
	2	2	"	"	"					squalls less violent.
	3	2	"	"	"					were rolled heavy.
	4	2	"	"	"					
	5	2	"	"	"					
	6	2	"	"	"					
	7	2	"	"	"					brisk gale squally.
	8	2	"	"	"					
	9	2	"	"	"					
	10	2	"	"	"					
	11	1	"	"	"					
	12	1	"	"	"					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C.
N 54° E	48'	0° 26' N	40.3'	33° 20' 0"	33° 19' 0"	10' E	0° 48' E	152° 32' E	152° 22' E

From Port Adelaide towards Newcastle.

H.	K.	½ K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Fri day 4 April 18 1897									
1	1	"	East	SSE	4				Great gale squally
2	1	"	"	"	"				heavy sea.
3	2	"	"	"	"				
4	2	"	"	"	"				
5	2	"	"	"	"				
6	2	"	"	"	"				
7	1	"	"	"	"				Moderate.
8	1	"	"	"	"				
9	1	"	"	"	"				
10	1	"	"	"	"				
11	1	"	"	"	"				
12	1	"	"	"	"				12 p.m. wore ship.
1	2	"	WSW	SE	1				Moderate & squally.
2	5	"	"	"	"				set only lower topsail & jib
3	6	"	"	"	"				M. I. on. stay sail, courses &
4	6	"	"	"	"				upp. topsails.
5	6	"	West	"	½				5 a.m. sighted P. Sheppers
6	3	"	SE	"	"				light wore ship.
7	3	"	"	"	"				
8	3	"	"	"	"				8 p.m. wore ship
9									set main top golland sail
10									& fl. jib. fr breeze & fair. at 10 a.m. got a tug. at 1 p.m. got
11									Pilot on board. slowed up & made fast all sail. towed in
12									to Newcastle and moored alongside the wharf.

[illegible][illegible][illegible]

From Ship Eaterpe towards in Newcastle.

H.	K.	½ K.	COURSES.	WINDS.	LIEKWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of
1	Munday May 15 th			Moderate SW. Wind & fair.					at 11 a.m.	1899
2	1899.			got tugs and shifted to No 6 crane					commenced loading right away. Crew	
3				employed painting outside.					Last Brunswick Nightman	
7	Tuesday May 16 th			S.W. Wind fair weather. Loading Coal.					grew employed paint outside. 4 p.m. was loaded.	
8	1899			1684 tons of Pacific coal. Ship's draught					22' 3" forward 22' 5" aft.	
9									Same Night Watchman.	
1	Wednesday May 17			Wind West moderate & cloudy. 6 a.m.					got tugs, shifted from the cranes and moved	
2	1899			the vessel with the port cable to North Harbour					bay afterwards crew variously employed -	
3				at 4 p.m. another vessel came alongside					and moored to the same buoy. Wind increasing	
4				to a very strong gale with heavy squalls.					one sailer left.	
5									Same Night Watchman.	
10	Thursday May 18 th			Wind W.N.W. a.gale. fair weather. Washed					deck, rigged out the jib boom, and set up	
11	1899.			the head gear.					Same Night Watchman	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
1	Friday	May 19	1899	Wind WNW moderate & fair					Sailed up the royal
2				yards & bent the sails					took on board stores & ships
3				chanting,					lives Brunswick Nightwatchman
4	Saturday	May 20 th	1899	Wind WNW. Moderate & fair.					Sent all hauling lines
5				under deck & made ready to go to sea,					shipped one sailor
6				1 p.m. got Pilot & 3.30 got 2 tugs					let go and moving & towed
7	8	"	ENE	Wish	0				out of harbour. set all sails
8	8	"	"	"	"				showed our anchors and
9	8	"	"	"	"				secured everything off the
10	8	"	"	"	"				stubby let go the tugs. Pilot
11	7	"	"	"	"				left shortly afterwards.
12	7	"	"	"	"				7 p.m. Stubby light W by S. Dist 20. miles
1	7	"	"	"	"				
2	7	"	"	"	"				
3	7	"	"	"	"				Trash & fair
4	7	"	"	"	"				
5	6	"	"	"	"				
6	6	"	"	"	"				
7	6	"	"	"	"				
8	6	"	"	"	"				
9	6	"	"	"	"				
10	6	"	"	"	"				
11	6	"	"	"	"				
12	5	"	"	"	"				

From Newcastle towards Honolulu

From Newcastle towards Honolulu.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Monday of May 22 nd 1899											Tuesday of May 23 rd 1899										
A. M.	1	6	*	E. N. E.	West	0				Sea & fair	A.	1	10	*	E by N N. W.	W. S. W.	0				Strong gale with heavy squalls. Tremendous heavy sea vessel rolled & strained much. Deck continually flooded. Hove main top gale. sail & miz. loe topsail
	2	6	*	"	"	"						2	10	*	"	"	"				
	3	6	*	"	"	"						3	9	*	"	"	"				
	4	7	*	"	"	"						4	9	*	"	"	"				
	5	7	*	"	"	"						5	9	*	"	"	"				
	6	7	*	"	"	"						6	9	*	"	"	"				
	7	8	*	"	"	"				Strong & fair		7	9	*	"	"	"				
	8	8	*	"	"	"						8	9	*	"	"	"				
	9	8	*	"	"	"						9	9	*	"	"	"				No change.
	10	9	*	"	"	"						10	9	*	"	"	"				
	11	10	*	"	"	"						11	9	*	"	"	"				
	12	10	*	"	"	"						12	9	*	"	"	"				
P. M.	1	9	*	"	"	"				Drizzle	A.	1	8	*	"	"	"				More moderate, squally.
	2	9	*	"	"	"						2	8	*	"	"	"				
	3	9	*	"	"	"						3	8	*	"	"	"				
	4	9	*	"	"	"						4	8	*	"	"	"				
	5	9	*	"	"	"						5	8	*	"	"	"				
	6	9	*	"	"	"						6	8	*	"	"	"				
	7	9	*	"	"	"				Strong breeze, partly cloudy, stopped considerable water. took our chain cables under deck.		7	8	*	"	"	"				Modest, still squally. set miz. loe & up. topsails & main top gallant sail.
	8	9	*	"	"	"						8	8	*	"	"	"				set both jibs, fore top gallant sail, m. t. m. staysail, m. m. m. sail.
	9	9	*	"	"	"						9	8	*	"	"	"				
	10	9	*	"	"	"						10	8	*	"	"	"				
	11	9	*	"	"	"						11	7	*	"	"	"				
	12	9	*	"	"	"				29.74		12	7	*	"	"	"				29.75 & main royal.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 77° E	200	0° 45' N	194.9'	32° 6' S	31° 56' S	10° E	3° 50' E	158° 12' E	157° 45' E
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 84° E	204	0° 21' N	202.9'	31° 21' S	31° 22' S	11° E	3° 59' E	166° 27' E	166° 27' E

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	
										Sunday of May 23 rd 1899											Sunday of May 25 th 1899	
P. M.	1	10	1	E by N N. W.	W S W	0				Strong breeze & cloudy heavy sea.		1	7	2	E by N	S W	0					Small breeze partly cloudy heavy swell. all sails set.
	2	10	2	"	"	"						2	7	2	"	"	"					
	3	9	3	"	"	"				furl'd Mizzen Royal & gall. sail fore & aft sails.		3	7	2	"	"	"					
	4	9	4	"	"	"						4	7	2	"	"	"					
	5	9	5	"	"	"				5 p.m. Lord Howe set N by W 3/4 W		5	7	2	"	"	"					
	6	9	6	"	"	"				& Hall's Pyramid N by E 3/4 E.		6	7	2	"	"	"					No & squally.
	7	9	7	"	"	"				furl'd fore royal, gall. sail & miz. up. topsail.		7	7	2	"	"	"					
	8	9	8	"	"	"						8	7	2	"	"	"					
	9	9	9	"	"	"				very strong breeze, squally.		9	6	2	"	"	"					
	10	9	10	"	"	"				Deck continually flooded.		10	5	2	"	"	"					
	11	9	11	"	"	"						11	5	2	"	"	"					
	12	9	12	"	"	"						12	4	2	"	"	"					
P. M.	1	9	1	"	"	"				very strong & squally. Deck flooded.		1	4	2	"	"	"					Light with strong squalls & showers of rain. lightning & thunder.
	2	9	2	"	"	"						2	4	2	"	"	"					
	3	9	3	"	"	"						3	4	2	"	"	"					
	4	9	4	"	"	"						4	5	2	"	"	"					
	5	9	5	"	"	"				skewed main Royal.		5	5	2	"	"	"					
	6	9	6	"	"	"						6	5	2	"	"	"					
	7	9	7	"	"	"						7	6	2	"	"	"					Moderate & squally.
	8	9	8	"	"	"						8	6	2	"	"	"					
	9	9	9	"	"	"						9	5	2	"	"	"					
	10	9	10	"	"	"						10	5	2	"	"	"					
	11	9	11	"	"	"						11	5	2	"	"	"					
	12	8	12	"	"	"				29.60		12	4	2	"	"	"					29.80
										3 Days out.											5 Days out.	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 84° E	170	0° 18' N	169.1'	31° 36' S	31° 42' S	11° E	3° 19' E	162° 28' E	162° 32' E
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
E. S. E.	134	0° 0' N	134.0'	31° 22' S	31° 17' S	11° E	2° 36' E	168° 58' E	168° 59' E

3 Days out.

5 Days out.

From Newcastle towards Honolulu.

From Newcastle towards Honolulu.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	
Friday of May 28 th 1899											Saturday of May 28 th 1899											
P. M.	1	6	*	E by N	SW	0				Fresh breeze & squally.	1	1	7	*	East	SSW	0				Fresh & squally.	
	2	6	*	"	"	"				moderate sea.		2	7	*	"	"	"				high swell.	
	3	6	*	"	"	"						3	7	*	"	"	"					
	4	6	*	"	"	"						4	7	*	"	"	"					
	5	7	*	"	SSW	"						5	7	*	"	"	"				heavy squalls.	
	6	7	*	"	"	"						6	7	*	"	"	"				Miz. Royal sheet carried away	
	7	7	*	"	"	"				No.		7	8	*	"	South	"				clewed up & furlled the sail.	
	8	7	*	"	"	"						8	8	*	"	"	"					
	9	6	*	"	SW	"						9	8	*	"	"	"				Fresh & fair passing	
	10	6	*	"	"	"						10	8	*	"	"	"				clouds.	
	11	6	*	"	"	"						11	8	*	"	"	"					
	12	6	*	"	"	"						12	8	*	"	"	"					
A. M.	1	6	*	"	"	"				No.		1	8	*	"	"	"					No.
	2	6	*	"	"	"						2	8	*	"	"	"					
	3	6	*	"	"	"						3	8	*	"	"	"					
	4	6	*	"	"	"						4	8	*	"	"	"					Set Miz. Royal.
	5	6	*	"	"	"						5	8	*	"	"	"					
	6	6	*	"	"	"						6	8	*	"	"	"					
	7	6	*	"	"	"						7	7	*	"	"	"					No.
	8	6	*	"	W SW	"				Fresh, cloudy squally		8	7	*	"	"	"					slowed Royals.
	9	6	*	"	"	"				& showery.		9	7	*	"	"	"					
	10	6	*	"	"	"						10	7	*	"	"	"					
	11	6	*	"	"	"						11	7	*	"	"	"					
	12	6	*	"	"	"						12	6	*	"	"	"					
									29.85											30.00		

29.81

6 Days out.

30.00

8 Days out.

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.																						
989E										148'	0:31'S	148.0'	31:20'S	31:17'S	12:6	2:53'E	171:51'E	171:48'E	978E										179'	0:37'S	175.1'	31:55'S	31:47'S	12:6	3:26'E	178:49'E	178:35'E																						
H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.																														
Saturday of May 27 th 1899																														Sunday of May 28 th 1899																													
P. M.																																																											
1	7	"	E by N	W SW	0				Fresh breeze, squally &	1	7	"	East	SSW	1/4				Fresh breeze & fair	1	7	"	East	SSW	1/4				Fresh breeze & fair																														
2	7	"	"	"	"				showery. a high sea running	2	7	"	"	"	"				passing clouds.	2	7	"	"	"	"				moderate sea.																														
3	8	"	"	"	"					3	7	"	"	"	"					3	7	"	"	"	"																																		
4	8	"	"	"	"					4	7	"	"	"	"					4	7	"	"	"	"																																		
5	8	"	"	"	"					5	7	"	"	"	"					5	7	"	"	"	"																																		
6	8	"	"	"	"					6	6	"	"	"	"					6	6	"	"	"	"																																		
7	7	"	"	"	"				No.	7	6	"	"	"	"				No.	7	6	"	"	"	"																																		
8	7	"	"	"	"				very heavy squalls.	8	6	"	"	"	"					8	6	"	"	"	"																																		
9	7	"	"	"	"				furlled Royals & mainmast	9	6	"	"	"	"					9	6	"	"	"	"																																		
10	7	"	"	"	"					10	6	"	"	"	"					10	6	"	"	"	"																																		
11	7	"	"	"	"					11	6	"	"	"	"					11	6	"	"	"	"																																		
12	7	"	"	"	"					12	5	"	"	"	"					12	5	"	"	"	"																																		
P. M.																																																											
1	8	"	"	"	"				Fresh breeze fine weather.	1	5	"	"	"	"				Light & fair.	1	5	"	"	"	"																																		
2	8	"	"	"	"				passing clouds.	2	5	"	"	"	"					2	5	"	"	"	"																																		
3	8	"	"	"	"				all sails set.	3	4	"	"	"	"					3	4	"	"	"	"																																		
4	8	"	"	"	"					4	3	"	"	"	"					4	3	"	"	"	"																																		
5	8	"	"	"	"					5	6	"	"	"	"					5	6	"	"	"	"																																		
6	8	"	"	"	"					6	7	"	E by N	SSW	"				Fresh breeze, very squally &	6	7	"	E by N	SSW	"				showery.																														
7	8	"	"	"	"				No.	7	6	"	"	"	"					7	6	"	"	"	"																																		
8	8	"	"	"	"					8	6	"	"	"	"					8	6	"	"	"	"																																		
9	8	"	"	"	"					9	4	"	"	"	"					9	4	"	"	"	"																																		
10	8	"	"	"	"					10	3	"	"	"	"					10	3	"	"	"	"																																		
11	7	"	"	"	"					11	3	"	"	"	"					11	3	"	"	"	"																																		
12	7	"	"	"	"					12	3	"	"	"	"					12	3	"	"	"	"																																		
2995																														30.00 Changed date & Name of Longitude																													
7 Days out.																														9 Days at sea.																													
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.																						
989E										182'	0:31'S	182.0'	31:20'S	31:18'S	12:6	3:32'E	175:23'E	175:18'E	984E										130	0:14'S	129.3'	32:1'S	32:4'S	12:6	2:32'E	178:39'W	178:49'W																						

29.95

7 Days out.

30.00

Changed date & Name of Longitude
9 Days at sea.

From Newcastle towards Honolulu

From Newcastle towards Honolulu

Monday of May 27 th 1899												Tuesday of May 28 th 1899											
H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.			H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		
A. M.	1	4	ENE	SE	1/4				Moderate & squally moderate sea.			1	4	4	NNE 1/4 E	East	1/4				Moderate & fair smooth sea.		
	2	4	"	"	"							2	4	"	"	"	"						
	3	4	"	"	"							3	4	"	"	"	"						
	4	4	"	"	"							4	4	"	"	"	"						
	5	4	"	"	"							5	3	"	"	"	"						
	6	5	"	"	"							6	3	"	"	"	"						
	7	6	"	"	"				Fresh & fair.			7	3	"	"	"	"				Light & fair.		
	8	6	"	"	"							8	3	"	"	"	"						
	9	6	"	"	"							9	3	"	"	"	"						
	10	6	"	"	"							10	3	"	"	"	"						
	11	5	"	"	"							11	2	"	"	"	"						
	12	4	"	"	"							12	2	"	"	"	"						
P. M.	1	2	NE	ESE	"				Light breeze fair weather.			1	2	"	N by E 1/4 E	E by N	"				very light breeze & fair.		
	2	2	"	"	"							2	2	"	"	"	"						
	3	2	"	"	"							3	1	"	"	"	"				put about.		
	4	2	"	"	"							4	1	"	"	"	"						
	5	2	N by E	E by S	"							5	2	"	S by S	"	"						
	6	2	"	"	"							6	2	"	"	"	"						
	7	3	"	"	"				Light & cloudy.			7	3	"	"	"	"				Light & cloudy.		
	8	3	"	"	"							8	3	"	"	"	"						
	9	3	NNE	East	"							9	4	"	"	"	"						
	10	3	"	"	"							10	4	"	"	"	"						
	11	4	"	"	"							11	4	"	"	"	"						
	12	4	"	"	"			29.97				12	4	"	"	"	"			29.93			
10 Days out												12 Days out											
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.	
N 64° E		86'	0° 38' N	77.3'	31° 26' S	31° 37' S	12° E	1° 31' E	177° 8' 00"	176° 52'		N 68° E		35'	0° 13' N	32.5'	29° 51' S	29° 54' S	11° E	0° 38' E	175° 31' 00"	175° 20' W	
H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.			H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		
A. M.	1	4	N by E 1/2 E	East	1/4				Moderate & fair, partly cloudy. smooth sea.			1	3	4	S by S	E by N					Light & cloudy. smooth sea.		
	2	4	"	"	"							2	3	"	"	"	"						
	3	4	"	"	"							3	3	"	"	"	"						
	4	4	"	"	"							4	3	"	"	"	"						
	5	4	"	"	"							5	3	"	S 1/4 E	E 1/4 N							
	6	4	"	"	"							6	3	"	"	"	"						
	7	4	"	"	"				Moderate & cloudy.			7	3	"	S 1/4 E	"				No.			
	8	4	"	"	"							8	3	"	"	"	"						
	9	4	"	"	"							9	3	"	"	"	"						
	10	4	"	"	"							10	3	"	"	"	"						
	11	4	"	"	"							11	3	"	"	"	"						
	12	4	"	"	"							12	3	"	"	"	"						
P. M.	1	4	NNE	"	"				No.			1	4	"	"	"	"				Moderate & overcast.		
	2	4	"	"	"							2	4	"	"	"	"						
	3	4	"	"	"							3	4	"	"	"	"						
	4	4	"	"	"							4	4	"	"	"	"						
	5	4	N by E 1/2 E	"	"							5	4	"	S 1/4 E	"	"						
	6	4	"	"	"							6	4	"	"	"	"						
	7	4	"	"	"							7	4	"	"	"	"				Fresh & overcast.		
	8	4	"	"	"							8	4	"	"	"	"						
	9	4	"	"	"							9	4	"	"	"	"						
	10	4	"	"	"							10	4	"	"	"	"						
	11	4	"	"	"							11	4	"	"	"	"						
	12	4	"	"	"			29.91				12	4	"	"	"	"			29.81			
11 Days out												13 Days at sea											
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.	
N 26° E		116'	1° 44' N	50.9'	29° 53' S	30° 4' S	11° E	0° 59' E	176° 9' 10"	176° 5' 1"		S 29° E		91'	1° 20' S	44.1'	31° 14' S	—	11° E	0° 51' E	174° 40' W	—	

From Newcastle towards Honolulu.

From Newcastle towards Honolulu.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
P.M.	1	6	"	SE 1/4 S	ENE	1/4				Strong breeze & overcast.
	2	6	"	"	"	"				Chippy sea.
	3	6	"	"	"	"				
	4	6	"	"	"	"				Shower fl. jib
	5	6	"	"	"	"				fall. sails. spanker
	6	6	"	"	"	"				& mainsail.
	7	5	"	"	"	"				
	8	4	"	"	"	"				Dr. & light rain
	9	4	"	"	"	"				
	10	4	"	"	"	"				
	11	3	"	"	"	"				
	12	3	"	"	"	"				
A.M.	1	3	"	SE 1/4 E	E by N	1/4				No change.
	2	3	"	"	"	"				slowed jib, miz. & fore
	3	2	"	"	"	"				up. Toprails.
	4	2	"	"	"	"				Shipped considerable
	5	2	"	"	"	"				water.
	6	2	"	"	"	"				Strong & overcast.
	7	3	"	"	"	"				
	8	3	"	"	"	"				
	9	2	"	"	"	"				
	10	2	"	"	"	"				
	11	2	"	"	"	"				
	12	2	"	"	"	"				

29.67

14 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C.
SE 1/4 E	84'	1:17'	34.2'	32:31'S	32:44'S	11° E	0:40'E	174:0	

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
P.M.	1	3	"	SE 1/4 E	East	1/4				Blowing a gale. cloudy
	2	3	"	"	"	"				weather. heavy sea.
	3	3	"	"	"	"				
	4	3	"	"	"	"				
	5	3	"	"	"	"				
	6	3	"	"	"	"				Slowed main topmastelayon
	7	3	"	SE 1/4 E	"	1/2				
	8	3	"	"	"	"				Strong gale with squally
	9	3	"	"	"	"				weather & heavy showers
	10	3	"	"	"	"				of rain.
	11	2	"	"	"	"				
	12	2	"	"	"	"				
A.M.	1	2	"	"	"	"				Dr.
	2	2	"	"	"	"				Deck flooded.
	3	2	"	"	"	"				
	4	2	"	"	"	"				
	5	2	"	"	"	"				
	6	2	"	"	"	"				
	7	2	"	"	"	"				Cleared away, blowing
	8	2	"	"	"	"				still strong.
	9	2	"	"	"	"				At main topmast stayail.
	10	2	"	"	"	"				
	11	3	"	"	"	"				
	12	3	"	"	"	"				

29.87

15 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C.
SE 1/4 E	60'	1:00'	4.2'	33:44'S	33:45'S	11° E	0:5'10"	174:5'10"	174:7'

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
	1	3	"	SE 1/4 E	East	1/2				Moderate gale cloudy.
	2	3	"	"	"	"				sea moderate.
	3	3	"	"	"	"				
	4	3	"	"	"	"				
	5	3	"	"	"	"				Squally.
	6	3	"	"	"	"				Dr.
	7	2	"	"	"	"				
	8	2	"	"	"	"				
	9	2	"	"	"	"				
	10	2	"	"	"	"				cleared away.
	11	2	"	"	"	"				
	12	2	"	"	"	"				Moderate & fair
	1	2	"	"	"	"				
	2	2	"	"	"	"				
	3	2	"	"	"	"				
	4	2	"	"	"	"				
	5	2	"	"	"	"				
	6	2	"	"	"	"				
	7	2	"	"	"	"				Dr.
	8	2	"	"	"	"				
	9	2	"	"	"	"				
	10	2	"	"	"	"				
	11	2	"	"	"	"				
	12	2	"	"	"	"				

30.00

16 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE 1/4 E	84'	0:53'	11.2'	34:38'S	34:37'S	12° E	0:14'10"	174:19'10"	174:32'10"

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
P.M.	1	3	"	SE 1/4 E	East	1/2				Brisk gale. cloudy
	2	2	"	ENE	"	"				& squally weather.
	3	2	"	"	"	"				Sp. on. wore ship.
	4	3	"	"	"	"				
	5	3	"	"	"	"				
	6	3	"	"	"	"				
	7	3	"	"	"	"				Dr. & showery
	8	3	"	"	"	"				
	9	2	"	"	"	"				
	10	2	"	"	"	"				
	11	2	"	"	"	"				
	12	2	"	"	"	"				
A.M.	1	3	"	"	"	"				No change.
	2	3	"	"	"	"				
	3	2	"	"	"	"				
	4	2	"	"	"	"				
	5	2	"	"	"	"				
	6	2	"	"	"	"				
	7	3	"	"	"	"				
	8	3	"	"	"	"				
	9	3	"	"	"	"				
	10	3	"	"	"	"				
	11	3	"	"	"	"				
	12	3	"	"	"	"				

30.00

17 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE 1/4 E	86'	0:54'10"	16.4'	33:43'S	33:43'S	12° E	0:20'10"	173:59'10"	174:11'10"

From Newcastle towards Honolulu.

From Newcastle towards Honolulu.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
										4 th day of June 6 th 1899.											5 th day of June 8 th 1899.
P. M.	1	3		N by E 1/2 E	East	1 1/2				Brisk gale & squally.		1	2		E by N N West		0				Light breeze & sandy.
	2	3		"	"	"				heavy sea.		2	2		"	"	"				high head sea.
	3	3		"	"	"						3	2		"	"	"				All sail set.
	4	3		"	"	"						4	2		"	"	"				
	5	3		"	"	"				Shipped considerable water		5	2		"	"	"				
	6	3		"	"	"						6	2		"	"	"				
	7	3		"	"	"				No.		7	5		N by E 1/2 E	"	"				Moderate & fair
	8	3		"	"	"						8	5		"	"	"				passing squalls.
	9	2		"	"	"						9	4		E by N N West	by W	"				
	10	2		"	"	"						10	4		"	"	"				
	11	2		"	"	"						11	5		N by E 1/2 E	West	"				
	12	2		"	"	"						12	5		"	"	"				
R. M.	1	2		"	"	"				Moderate gale & squally.		1	5		"	"	"				No.
	2	2		"	"	"						2	5		"	"	"				
	3	2		"	"	"						3	5		"	"	"				
	4	2		"	"	"						4	5		"	"	"				
	5	2		"	"	"						5	5		"	"	"				
	6	2		"	"	"						6	5		"	"	"				
	7	2		"	"	"				No.		7	4		"	"	"				No.
	8	2		"	"	"						8	4		"	"	"				
	9	2		"	"	"						9	4		"	"	"				
	10	3		"	"	"						10	4		"	W by S	"				
	11	3		"	"	"						11	4		"	"	"				
	12	2		"	"	"			29.95			12	4		"	"	"			29.71	

18 Days out

20 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 11° E	58'	0° 57' N	11.1'	32° 46' S	32° 44' S	11° E	0° 13' E	173° 46' W	173° 55' W

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
										to Wed. day of June 7 th 1899											to Fri. day of June 9 th 1899
p. M.	1	2	"	N by E	E by N	1 1/2				Moderate gale squally & showery. High sea.		1	3	"	N by E	S W	0				Light & calm, squally. moderate sea.
	2	1	"	"	"	"						2	2	"	"	S E	"				
	3	2	"	"	"	"						3	0	"	Calms	Calms	"				
	4	1	"	"	"	"						4	0	"	"	"	"				
	5	2	"	"	"	"						5	2	"	N by E	East	1/4				
	6	1	"	"	"	"						6	3	"	"	"	"				
	7	2	"	N by E	E by N	"				do		7	4	"	N by E	E by S	"				Moderate & showery.
	8	1	"	"	"	"						8	4	"	"	"	"				
	9	2	"	"	"	"						9	5	"	"	"	"				
	10	1	"	"	"	"						10	5	"	"	"	"				
	11	2	"	"	"	"						11	4	"	"	"	"				
	12	1	"	"	"	"						12	4	"	"	"	"				
R. M.	1	2	"	N 1/2 W	"	"				Moderate gale, squally & heavy rain.		1	4	"	N by E	S by E	"				do.
	2	1	"	"	"	"						2	4	"	"	"	"				
	3	2	"	"	"	"						3	4	"	"	"	"				
	4	1	"	"	"	"						4	4	"	"	S E	"				
	5	1	"	"	"	"						5	4	"	E by N	"	"				
	6	1	"	"	"	"						6	4	"	"	"	"				
	7	1	"	N by W	N by E	"				do		7	4	"	"	"	"				do.
	8	1	"	"	"	"						8	4	"	"	"	"				
	9	1	"	"	"	"						9	3	"	"	"	"				
	10	1	"	"	"	"				Wind decreasing.		10	3	"	"	"	"				
	11	1	"	"	"	"				at 11 a.m. changed to WNW		11	2	"	"	"	"				
	12	1	"	E by N 1/2 N	W by W	0			29.66	heavy rain & thick weather. 19 Days out.		12	2	"	"	"	"			29.82	21 Days out.

21 Days out.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 4° E	31'	0° 31' N	2.2'	32° 13'	—	11° E	0° 3' W	173° 49' W	—

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 9° E	75'	0° 39' N	64.3'	30° 57' S	31° 2' S	10° E	1° 15' E	170° 47' W	170° 44' W

From Newcastle towards Honolulu.

From Newcastle towards Honolulu.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Saturday June 10 th 1899											Sunday June 11 th 1899										
P. M.	1	1	1	E NE	Variable	10				Very light variable w. in clouds, an easterly swell	1	8	1	E 1/2 N	NW	0					Fresh breeze & squally heavy sea. Deck flooded
	2	1	1	"	"	"					2	8	1	"	"	"					
	3	1	1	"	"	"					3	7	1	"	NW	"					
	4	1	1	"	"	"					4	7	1	"	"	"					
	5	1	1	"	"	"					5	7	1	"	West	"					
	6	1	1	"	"	"					6	7	1	"	"	"					showed mainsail & jibs
	7	2	1	E S E	NE	1/4				Increasing to a strong breeze, thick and very heavy rain	7	6	1	"	"	"					
	8	3	1	"	"	"					8	6	1	"	"	"					Deck continually flooded
	9	4	1	South	E S E	"				Looked ship.	9	5	1	"	"	"					9.45 wind changed to S E in a very heavy squall. kept the vessel before the wind. showed main royal & the three gallantsails.
	10	5	1	N by E 1/4 E	E by N	"				showed all light sails.	10	4	1	"	"	"					A strong gale with heavy squalls & tremendous heavy sea. showed mizzen for upper topsails.
	11	5	1	"	"	"					11	7	1	N by W 1/2 W	S E	"					Deck continually flooded
	12	5	1	"	"	"					12	7	1	"	"	"					No change
P. M.	1	5	1	"	"	"					1	5	1	NW by N	S E	"					9 a.m. have too
	2	5	1	"	"	"					2	4	1	"	"	"					
	3	4	1	"	"	"				Decreasing to a light breeze showery.	3	6	1	"	"	"					
	4	2	1	"	"	"					4	6	1	"	"	"					
	5	2	1	NNE	East	"					5	6	1	"	"	"					
	6	2	1	"	"	"					6	6	1	"	"	"					
	7	3	1	"	"	"					7	5	1	"	"	"					
	8	4	1	"	"	"				Light & showery.	8	4	1	"	"	"					
	9	3	1	"	"	"					9	4	1	"	"	"					
	10	2	1	"	"	"					10	3	1	E NE	"	2					
	11	2	1	"	"	"					11	2	1	"	"	"					
	12	2	1	"	"	"				29.73	12	2	1	"	"	"					29.74

22 Days out

24 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C.	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 39° E	51'	0° 40' N	32.1	30° 22' S	30° 22' S	10° E	0° 37' E	170° 10' W	170° 16'	N 43° E	75'	0° 55' N	51.1	28° 47' S	28° 49' S	10° E	0° 59' E	167° 50' W	167° 39' W
H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Sunday June 11 th 1899										Tuesday June 13 th 1899									
P. M.	1	2	NNE 1/2 E	E by S	1/4				Light & cloudy. moderate sea.	1	2	1	E NE	S E	2				A brisk gale, squally with heavy sea.
	2	2	"	"	"					2	3	1	"	"	"				
	3	2	"	"	"					3	3	1	"	"	"				
	4	2	"	"	"					4	3	1	"	"	"				
	5	3	"	"	"					5	3	1	E by N	"	"				
	6	3	"	"	"					6	2	1	"	S E	"				Moderating.
	7	4	N by E 1/2 E	East	"				moderate & cloudy	7	3	1	East	"	1				Set main topmast staysail, jib, for 4 miz. up. topsails.
	8	4	"	"	"					8	4	1	"	"	"				Heavy breeze fair weather, passing squalls.
	9	4	"	"	"					9	4	1	"	"	"				Set main sail & gallantsails & fl. jib
	10	4	"	"	"					10	7	1	E by N	South	0				
	11	4	"	"	"					11	7	1	"	"	"				
	12	4	"	"	"					12	8	1	"	"	"				
P. M.	1	4	"	"	"				Fresh with rain	1	9	1	"	"	"				
	2	4	"	"	"					2	9	1	"	"	"				
	3	4	"	"	"					3	9	1	"	"	"				
	4	2	"	"	"					4	9	1	"	"	"				
	5	3	NNE 1/2 E	E by S	"					5	10	1	"	"	"				4 a.m. Foresail carried away showed mainsail, fl. jib & miz. top gallantsails. under foresail.
	6	3	"	"	"				Wind changed to North East, & squally.	6	10	1	"	"	"				
	7	6	E 1/2 N	North	0					7	9	1	"	"	"				Very strong with heavy squalls. Big sea running
	8	6	"	"	"					8	9	1	"	"	"				Deck continually flooded.
	9	7	"	"	"					9	9	1	"	"	"				
	10	7	"	"	"					10	9	1	E by N 1/2 N	"	"				
	11	8	"	"	"				Set fl. jib. Miz. gale sail & main roy	11	9	1	"	"	"				
	12	7	"	"	"				29.62	12	9	1	"	"	"				

23 Days out

25 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by C.	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 54° E	87'	0° 51' N	70.4	29° 31' S	29° 41' S	10° E	1° 21' E	168° 49' W	168° 46'	N 84° E	157'	0° 16' N	156.1	28° 33' S	28° 33' S	9° E	2° 59' E	164° 51' W	164° 37' W

From Newcastle towards Honolulu.

From Newcastle towards Honolulu.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
										WED. day of June 14 th 1897											Fri day of June 16 th 1897
P. M.	1	10		ENE	SW	0				A strong gale & squally	1	9		Nly NE	South	0					Dr. breeze & squally.
	2	10		"	"	"				very heavy sea.	2	9		"	"	"					heavy sea.
	3	10		"	"	"				deck continually flooded.	3	8		"	"	"					but fore sail
	4	10		"	"	"					4	8		"	"	"					all sails set.
	5	10		"	"	"					5	8		"	"	"					
	6	10		"	"	"					6	8		"	"	"					
	7	10		"	"	"				Dr.	7	8		NE	"	"					Dr.
	8	10		"	"	"					8	8		"	"	"					
	9	10		"	"	"					9	7		"	"	SE					
	10	10		"	"	"					10	7		"	"	"					
	11	10		"	"	"					11	7		"	"	"					
	12	10		"	"	"					12	7		"	"	"					
P. M.	1	10		"	"	"				No change.	1	6		"	"	SE					moderate & squally.
	2	10		"	"	"					2	6		"	"	"					
	3	10		"	"	"					3	6		"	"	"					
	4	10		"	"	"				set mainsail.	4	6		"	"	"					
	5	10		"	"	"					5	6		"	"	"					
	6	10		"	"	"					6	5		"	"	"					
	7	9		"	"	"					7	5		"	"	"					
	8	9		"	"	"					8	5		"	"	"					Light & squally.
	9	8		"	"	"				More moderate, squally.	9	4		"	"	"					my royal halliard carried
	10	8		"	"	"				clawed up main top gall sail	10	4		"	"	"					away yard broke in the center
	11	8		"	"	"				flown down on up top sail	11	3		"	"	"					set the yard down.
	12	8		"	"	"				Repaired the sail, & set tops.	12	3		"	"	"					
										29.87 & gall. sail again.											30. shifted mainsail.
										26 Days out.											28 Days out.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 77° E	230'	0° 52' N	224.1'	27° 41' S	27° 48' S	9° E	4° 14' E	160° 37' W	160° 2	N 58° E	152'	1° 20' N	128.9'	25° 28' S	25° 36' S	8° E	2° 24' E	154° 34' W	154° 29' W

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
										THURSDAY of June 15 th 1897											Friday of June 17 th 1897
P. M.	1	9		Nly NE	SW	0				Brief gale, squally.	1	3		Nly NE	SE	0					Light breeze & cloudy.
	2	9		"	"	"				heavy sea.	2	3		"	"	"					heavy on lee from the south west
	3	9		"	"	"				deck flooded	3	2		"	"	"					carpenter splicing the my
	4	9		"	"	"					4	2		"	"	"					royal yard.
	5	9		"	"	"					5	2		"	"	"					
	6	9		"	"	"					6	2		"	"	"					
	7	9		"	"	"				Dr.	7	2		"	"	"					
	8	9		"	"	"					8	2		"	"	"					very light variable winds.
	9	9		"	"	"					9	2		"	"	Variable					Cloudy.
	10	9		"	"	"					10	2		"	"	"					
	11	9		"	"	"					11	2		"	"	"					
	12	9		"	"	"					12	2		"	"	"					
P. M.	1	9		"	"	"				Strong breeze, squally &	1	2		"	"	NW					Light air & cloudy.
	2	9		"	"	"				showers. heavy sea	2	2		"	"	"					
	3	8		"	"	"					3	2		"	"	"					
	4	8		"	"	"					4	2		"	"	"					
	5	8		"	"	"					5	2		"	"	"					
	6	8		"	"	"					6	2		"	"	"					
	7	9		"	"	"					7	2		"	"	"					Dr.
	8	9		"	"	"				No change.	8	2		"	"	"					
	9	8		"	"	"					9	2		"	"	NW					
	10	8		"	"	"				Set fl. jib & my gall. sail	10	2		"	"	"					Set up the my royal yard
	11	8		"	"	"					11	3		"	"	"					but set the sail.
	12	6		"	"	"					12	3		"	"	"					
										29.96											30.03
										27 Days out.											29 Days out.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 77° E	206'	1° 7' N	194.8'	26° 41' S	26° 48' S	9° E	3° 39' E	156° 08' W	156° 08	N 59° E	52'	0° 27' N	44.6'	25° 9' S	25° 14' S	8° E	0° 49' E	153° 45' W	153° 34' W.

From Newcastle towards Honolulu

From Newcastle towards Honolulu.

Sunday June 18 th 1897												Tuesday June 20 th 1897											
H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.			H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		
P. M.	1	5	N 1/4 N	NNW	1/4				Fresh breeze & cloudy smooth sea.			1	2	"	N 1/2 W	ESE	0				Light air & cloudy. Shifted Miz gallsailsail. smooth sea.		
	2	5	"	"	"							2	2	"	"	"	"						
	3	5	"	"	"							3	2	"	"	"	"						
	4	5	"	"	"							4	2	"	"	"	"						
	5	6	"	"	"							5	2	"	"	"	"						
	6	6	"	"	"							6	2	"	"	"	"						
	7	6	"	"	"				Fresh & fair			7	2	"	"	ESE	"				S.		
	8	6	"	"	"							8	2	"	"	"	"						
	9	6	"	"	"							9	2	"	"	"	"						
	10	6	"	"	"							10	2	"	"	"	"						
	11	6	"	"	"							11	2	"	"	N by E	"						
	12	6	"	"	"							12	2	"	"	Variable	"				Light variable winds and showery.		
P. M.	1	6	NNW	SW					S.			1	2	"	"	"	"						
	2	6	"	"	"							2	3	"	"	"	"						
	3	5	"	"	"							3	3	"	"	"	"						
	4	5	"	"	"							4	2	"	"	"	"						
	5	5	"	"	"							5	2	"	"	"	"						
	6	5	"	"	"							6	2	"	"	"	"						
	7	4	"	"	"				Moderate & cloudy.			7	2	"	"	South	"				S.		
	8	4	"	"	"							8	2	"	"	"	"						
	9	3	N 1/4 E	NW 1/2 W								9	2	"	"	"	"				Light & cloudy.		
	10	3	"	"	"							10	2	"	"	"	"						
	11	3	"	"	"							11	2	"	"	"	"						
	12	3	"	"	"			30.04	30 Days out.			12	2	"	"	"	"			30.05	32 Days out.		
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.				
N 45° E	118'	1° 23' N	83.4'	23° 51' S	23° 52' S	8° E	1° 32' E	152° 13' W	151° 51' W	N 1° E	80'	0° 50' N	0.9'	21° 21' S	21° 21' S	7° E	0° 1' E	151° 29' W	—				
H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	Monday June 19 th 1897			H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	Wednesday June 21 st 1897		
P. M.	1	4	N 1/2 W	West	0				moderate breeze & cloudy smooth sea.			1	3	"	N 1/2 W	ESE	0				Moderate & cloudy. smooth sea.		
	2	4	"	"	"							2	4	"	"	"	"						
	3	5	"	"	"							3	4	"	"	"	"						
	4	5	"	"	"							4	5	"	"	"	"						
	5	5	"	"	"							5	5	"	"	"	"						
	6	5	"	"	"							6	5	"	"	"	"						
	7	5	"	"	"				No change			7	6	"	"	"	"				Fresh & showery.		
	8	5	"	"	"							8	6	"	"	"	"						
	9	5	"	"	"							9	7	"	"	"	"						
	10	5	"	"	"							10	7	"	"	"	"						
	11	5	"	"	"							11	6	"	"	"	"						
	12	5	"	"	"							12	6	"	"	"	"						
P. M.	1	4	"	"	"				Light & cloudy.			1	6	"	"	"	"				S.		
	2	4	"	"	"							2	6	"	"	"	"						
	3	3	"	"	"							3	6	"	"	"	"						
	4	3	"	"	"							4	5	"	"	"	"						
	5	3	"	"	"							5	6	"	"	"	"						
	6	3	"	"	"							6	6	"	"	"	"				No change.		
	7	3	"	"	"							7	6	"	"	"	"						
	8	3	"	"	"				S.			8	6	"	"	"	"						
	9	3	"	"	"				Rorua Is. bearing E 1/2 S Dist 13 1/2			9	5	"	"	"	"				Shifted fore up. topsail, fore and main top gallantsails.		
	10	3	"	"	"							10	4	"	"	"	"				Light & showery.		
	11	3	"	"	"							11	3	"	"	"	"						
	12	3	"	"	"			30.05	Rorua Is. S by E 1/2 E 31 Days out			12	3	"	"	"	"			30.05	33 Days out.		
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.				
N 10° W	126'	2° 4' N	21.9'	19° 17' S	19° 19' S	7° E	0° 23' W	151° 52' W	152° 3' W	N 10° W	126'	2° 4' N	21.9'	19° 17' S	19° 19' S	7° E	0° 23' W	151° 52' W	152° 3' W				

From Newcastle towards Honolulu.

From Newcastle towards Honolulu

Thursday June 22 nd 1897										Friday June 23 rd 1897									
H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
p. M.	1	2	N 1/2 W	East	0				Light & cloudy small sea.	1	7	1	N 3/4 W	N E by E	1/4				Strong breeze fair weather moderate sea.
	2	2	"	"	"					2	7	"	"	"	"				
	3	2	"	"	"					3	7	"	"	"	"				
	4	2	"	"	"					4	7	"	"	"	"				
	5	2	"	"	"					5	7	"	"	"	"				
	6	2	"	"	"					6	7	"	"	"	"				
	7	2	"	"	"					7	8	"	"	"	"				
	8	2	"	"	"					8	8	"	"	"	"				
	9	2	"	"	"				Light & fair	9	8	"	"	"	"				
	10	2	"	"	"					10	8	"	"	"	"				
	11	3	"	"	"					11	8	"	"	"	"				
	12	3	"	"	"					12	8	"	"	"	"				
a. M.	1	3	"	"	"					1	6	1	N 1/4 W	E N E	"				Fresh breeze & fair
	2	3	"	"	"					2	6	"	"	"	"				
	3	3	"	"	"					3	6	"	"	"	"				
	4	3	"	East	"					4	6	"	"	"	"				Set main royal
	5	4	"	"	"					5	6	"	N by E	E by N	"				
	6	4	"	"	"					6	7	"	"	"	"				
	7	5	"	"	"				Moderate & fair.	7	8	"	"	"	"				Strong breeze with heavy squalls.
	8	5	"	"	"					8	8	"	"	"	"				outer jib carried away.
	9	5	"	"	"					9	8	"	N 3/4 W	N E by E	"				slowed main royal gale. sails
	10	5	"	"	"					10	8	"	"	"	"				& spanker.
	11	6	"	"	"					11	8	"	"	"	"				
	12	6	"	"	"			30.00		12	8	"	"	"	"			29.94	
34 Days out										36 Days out									
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 1/2 E	78'	1° 18' N	1.4'	18° 1' S	18° 5' S	7° E	0° 1' E	181° 51' W	181° 54'	N 1/2 W	174'	2° 54' N	3.0'	12° 26' S	12° 33' S	6° E	0° 3' W	152° 27' W	152° 42' W
H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
p. M.	1	7	N 1/2 W	E N E	0				Fresh breeze fair. moderate sea.	1	4	1	N 1/2 W	E N E	1/2				Moderate breeze and fair high sea.
	2	7	"	"	"					2	4	"	"	"	"				Set gallant sails & spanker.
	3	7	"	"	"					3	5	"	"	"	"				Shifted & set fl. jib.
	4	8	"	"	"					4	5	"	"	"	"				Fresh breeze & squally.
	5	8	"	"	"					5	5	"	"	"	"				
	6	8	"	"	"					6	5	"	"	"	"				
	7	7	"	"	"					7	6	"	"	"	"				
	8	7	"	"	"					8	6	"	"	"	"				
	9	6	"	"	"					9	7	"	"	"	"				
	10	6	"	"	"					10	7	"	"	"	"				
	11	6	"	"	"					11	7	"	"	"	"				
	12	7	"	"	"					12	7	"	"	"	"				
a. M.	1	7	"	"	"					1	5	"	N 1/2 W	"	"				Moderate breeze with heavy squalls from N 1/2 & N 1/2. slowed fl. jib, miz & fore gallant sail.
	2	7	"	"	"					2	5	"	"	"	"				
	3	8	"	"	"					3	5	"	N 1/2 W	N E	"				
	4	8	"	"	"					4	5	"	"	"	"				
	5	8	"	"	"					5	4	"	N 1/2 W	E N E	"				
	6	7	"	"	"					6	4	"	"	"	"				
	7	7	"	"	"					7	4	"	"	"	"				
	8	7	N 1/4 W	"	1/4				Strong & fair	8	4	"	"	"	"				
	9	7	"	"	"				Slowed Royals.	9	5	"	"	"	"				
	10	7	"	"	"					10	5	"	"	"	"				
	11	7	"	"	"					11	5	"	"	"	"				
	12	7	"	"	"			29.97		12	5	"	"	"	"			29.93	
35 Days out										37 Days out									
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 1/2 W	167'	2° 44' N	31.9'	15° 21' S	15° 20'	7° E	0° 33' W	152° 34' W	152° 42'	N 1/2 W	123'	2° 22' N	10.7'	10° 31' S	10° 35' S	6° E	0° 11' W	152° 38' W	152° 37' W

From Newcastle towards Honolulu

From Newcastle towards Honolulu

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Monday of June 26 th 1899										
A. M.	1	11	1	N by W	N by E	1/4				Light & fair moderate sea.
	2	4								
	3	3								
	4	3								
	5	3								
	6	3								
	7	4								
	8	4								
	9	5								
	10	5								
	11	5								
	12	5								
P. M.	1	5								
	2	5								
	3	6								
	4	6								
	5	6								
	6	5								
	7	5								
	8	5								
	9	5								
	10	5								
	11	5		N 1/4 W	E N E					
	12	5								
										29.88

38 Days on

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
N 7° W	112'	1° 51' N	13.6'	8° 44' S	8° 41' S	6° E	0° 14' W	152° 52' W	152° 51' W

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Tuesday of June 27 th 1899										
A. M.	1	5	1	N 1/4 E	E N E	1/4				Moderate & fair smooth sea.
	2	5								
	3	5								
	4	5								
	5	5		N by W	N by E	1				
	6	5								
	7	5								
	8	5								
	9	5								
	10	5								
	11	5								
	12	5								
P. M.	1	4		N 1/4 E	E N E					
	2	4								
	3	4								
	4	4								
	5	5		North						
	6	5								
	7	6								
	8	6								
	9	5								
	10	5								
	11	5								
	12	5								
										29.89

39 Days on

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
North	117'	1° 57' N	0°	6° 44' S	6° 44' S	6° E	0° 20' W	152° 52' W	152° 50' W

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Wednesday of June 28 th 1899										
	1	6	1	N 1/4 W	N by E	1/4				Moderate and fair smooth sea.
	2	6								
	3	6								
	4	6								
	5	5								
	6	5								
	7	5								
	8	5								
	9	5		North	E N E					
	10	5								
	11	4								
	12	4								
	1	4								
	2	4								
	3	5								
	4	5								
	5	5		N by E	E by N					
	6	5								
	7	5								
	8	5								
	9	5								
	10	5								
	11	6								
	12	6								
										29.89

40 Days on

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
N 5° E	121'	2° 1' N	10.5'	4° 43' S	4° 43' S	6° E	0° 11' W	152° 41' W	152° 43' W

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
Thursday of June 29 th 1899										
	1	7	1	NNE 1/4 E	East	1/4				Fresh breeze and cloudy moderate sea.
	2	7								
	3	7								
	4	7								
	5	7								
	6	7								
	7	7								
	8	7								
	9	7		N by E	E by N					
	10	7								
	11	7								
	12	7								
	1	7								
	2	7								
	3	7								
	4	8								
	5	7								
	6	7								
	7	7								
	8	7								
	9	6								
	10	6								
	11	6								
	12	6								
										29.91

41 Days on

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
N 23° E	164'	2° 31' N	64.1'	2° 12' S	2° 17' S	6° E	1° 4' E	151° 37' W	151° 35' W

From Newcastle towards Honolulu

From Newcastle towards Honolulu

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
to Friday June 30 th											to Sunday of July 2 nd 1899										
P. M.	1	S	4	N by E	E by N	1/4				Fresh breeze fair moderate sea.	1	6	4	NNE	East	1/4					Fresh breeze & fair moderate sea
	2	S	4	"	"	"					2	6	4	"	"	"					
	3	S	4	"	"	"					3	6	4	"	"	"					
	4	S	4	"	"	"					4	6	4	"	"	"					
	5	S	4	"	"	"					5	6	4	"	"	"					
	6	S	4	"	"	"					6	6	4	"	"	"					
	7	S	4	"	"	"				D.	7	6	4	"	"	"					Fresh & cloudy
	8	S	4	"	"	"					8	6	4	"	"	"					
	9	S	4	"	"	"					9	6	4	"	"	"					
	10	S	4	"	"	"					10	6	4	"	"	"					
	11	S	4	"	"	"					11	6	4	"	"	"					
	12	S	4	"	"	"					12	6	4	"	"	"					
A. M.	1	S	4	"	"	"				fresh & squally.	1	6	4	NNE 3/4 E	E by S	"					Fresh breeze overcast
	2	S	4	"	"	"					2	6	4	"	"	"					
	3	S	4	"	"	"					3	6	4	"	"	"					
	4	S	4	"	"	"					4	6	4	"	"	"					
	5	S	4	"	"	"					5	6	4	"	"	"					
	6	S	4	"	"	"					6	7	4	"	"	"					
	7	S	4	"	"	"				D.	7	7	4	"	"	"					Fresh & cloudy.
	8	S	4	"	"	"					8	7	4	"	"	"					
	9	S	4	"	"	"					9	7	4	"	"	"					
	10	S	4	"	"	"					10	6	4	"	"	"					
	11	S	4	"	"	"					11	6	4	"	"	"					
	12	S	4	"	"	"			29.88		12	6	4	"	"	"			29.84		

42 Days out

44 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 20° E	128'	2° 0' N	43.8'	0° 17' S	0° 18' S	6° E	0° 44' E	150° 55' W	150° 55'	N 29° E	148'	2° 9' N	71.8'	3° 58' N	4° 5' N	5° E	1° 12' E	148° 51' W	148° 42' W
H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
to Saturday July 1 st										to Monday July 3 rd 1899.									
P. M.	1	6	N by E	E by N	1/4				Fresh and fair pass. Clouds. Moderate sea.	1	6	4	N by E	E by S	0				Fresh breeze & cloudy smooth sea.
	2	6	"	"	"					2	6	4	"	"	"				
	3	6	"	"	"					3	6	4	"	"	"				
	4	6	"	"	"					4	6	4	"	"	"				
	5	6	"	"	"					5	6	4	"	"	"				
	6	6	"	"	"					6	6	4	"	"	"				
	7	6	"	"	"					7	6	4	"	"	"				
	8	6	"	"	"					8	4	4	"	"	"				
	9	5	"	"	"					9	4	4	"	"	"				
	10	5	"	"	"					10	4	4	"	"	"				
	11	5	"	"	"					11	4	4	"	"	"				
	12	5	"	"	"					12	4	4	"	"	"				
P. M.	1	6	NNE	East	"				Fresh & fair passing squalls.	1	4	4	"	East	"				Moderate & squally
	2	6	"	"	"					2	4	4	"	SE	"				
	3	6	"	"	"					3	4	4	"	"	"				
	4	6	"	"	"					4	4	4	"	E by S	"				
	5	6	"	"	"					5	5	4	"	"	"				
	6	6	"	"	"					6	5	4	"	"	"				
	7	6	"	"	"					7	5	4	"	"	"				
	8	6	"	"	"					8	5	4	"	"	"				
	9	6	"	"	"					9	4	4	"	"	"				
	10	6	"	"	"					10	3	4	"	"	"				
	11	6	"	"	"					11	3	4	"	"	"				
	12	6	"	"	"					12	2	4	"	Variable	"				
									29.84									29.86	

43 Days out

45 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 21° E	139'	2° 10' N	49.8'	1° 52' N	1° 49' N	5° E	0° 50' E	150° 53' W	150° 53'	N 22° E	106'	1° 38' N	39.7'	5° 43' N	—	5° E	0° 40' E	148° 11' W	—

From Newcastle towards Honolulu From Newcastle towards Honolulu.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	<i>Sunday July 4th 1899</i>	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	<i>Monday July 6th 1899</i>	
P. M.	1	2	4	NbyN	NbyN	1/4				Light breeze & squally		1	3	4	NNW	N	1/2				Dr. Br. squally. & rain		
	2	2	4							heavy rain.		2	3	4							heavy head sea.		
	3	2	4							moderate sea.		3	4	4									
	4	2	4									4	4	4									
	5	3	4									5	4	4									
	6	3	4									6	4	4									
	7	4	4							moderate with		7	5	4									
	8	4	4							squalls & very heavy		8	5	4									
	9	5	4	NbyE	E by N					rain.		9	5	4									
	10	5	4							Royals & spanker		10	5	4									
	11	4	4							showed.		11	5	4									
	12	2	4	NbyW	NbyE							12	5	4									
P. M.	1	2	4							moderate & cloudy		1	4	4								Dr. Br. & cloudy.	
	2	3	4									2	4	4									
	3	3	4									3	4	4									
	4	3	4									4	4	4									
	5	3	4									5	5	4									
	6	4	4							set spanker.		6	5	4									
	7	4	4							mod. squally, tick		7	4	4									
	8	4	4							with heavy rain		8	4	4									
	9	3	4									9	4	4									
	10	3	4									10	4	4									
	11	3	4									11	5	4									
	12	3	4									12	5	4									
									29.88											29.86			

29.88

46 Days out

29.86

48 Days out

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.
N 92° W	73'	1° 12' N	11.4'	6° 55' N	6° 57' N	6° E	0° 11' W	148° 22' W	148° 33' W	N 22° W	104'	1° 36' N	39.0'	9° 59' N	10° 5' N	6° E	0° 40' W	149° 21' W	149° 33' W

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
										Wednesday July 5 th 1899											Thursday July 7 th 1899
P. M.	1	3		N by W	N by E	1/4				Fresh breeze, tick and squalls.		1	4		NNW 1/2 W	N by N	1/2				Fresh breeze & squally
	2	3		"	"	"				weather. with very heavy rain.		2	4		"	"	"				high sea.
	3	4		"	"	"				Head sea.		3	5		"	"	"				
	4	4		"	"	"						4	5		NW by N	"	"				
	5	4		"	"	"						5	5		"	"	"				
	6	4		"	"	"						6	5		"	"	"				
	7	4		"	"	"						7	4		NNW 1/2 W	"	"				S.
	8	4		"	"	"				Strong breeze, tick		8	4		"	"	"				
	9	4		N by W 1/2 W	"	1/2				& squally with heavy rain.		9	4		"	"	"				
	10	4		"	"	"				showed fl. jib, only & fore got		10	4		"	"	"				
	11	4		"	"	"				sails		11	4		"	"	"				
	12	4		"	"	"						12	4		"	"	"				
A. M.	1	4		"	"	"				2 ⁰⁰ showed spanker.		1	4		"	"	"				S.
	2	4		"	"	"				heavy head sea.		2	4		"	"	"				
	3	4		"	"	"						3	4		NW by N	"	"				
	4	4		"	"	"						4	4		"	"	"				
	5	4		"	"	"						5	4		NNW 1/2 W	"	"				
	6	4		"	"	"						6	4		"	"	"				
	7	3		"	"	"				Fresh breeze, squally &		7	5		"	"	"				Fresh & cloudy
	8	3		"	"	"				heavy rain.		8	5		"	"	"				set fl. jib, only & fore got to sail.
	9	3		"	"	"						9	5		NW 3/4 N	"	1/4				
	10	3		"	"	"						10	5		"	"	"				
	11	3		"	"	"						11	5		"	"	"				all sails set.
	12	3		"	"	"						12	5		"	"	"				
									29.84											29.90	

29.84

47 Days out

29.90

49 Days out

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.
N 12° W	88'	1° 26' N	18.3'	8° 23' N	—	6° E	0° 19' W	148° 41' W	—	N 30° W	106'	1° 32' N	43.0'	11° 37' N	11° 41' N	6° E	0° 54' W	150° 15' W	150° 30' W

From Newcastle towards Honolulu

From Newcastle towards Honolulu

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
A. M.	1	5		NW 1/4 N	NNE	1/4				Trick breeze and cloudy passing squalls. moderate sea
	2	5		"	"	"				
	3	5		"	"	"				
	4	6		"	"	"				
	5	6		"	"	"				
	6	6		"	"	"				
	7	6		"	"	"				
	8	6		"	"	"				
	9	6		"	"	"				
	10	6		"	"	"				
	11	6		"	"	"				
	12	6		"	"	"				
P. M.	1	6		NW	NNE					
	2	6		"	"	"				
	3	6		"	"	"				
	4	6		"	"	"				
	5	6		"	"	"				
	6	6		"	"	"				
	7	7		"	"	"				
	8	7		"	"	"				
	9	7		"	"	"				
	10	6		"	"	"				
	11	6		"	"	"				
	12	6		"	"	"				

29.77

50 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 29° W	142'	2° 4' N	68.8'	13° 46' N	13° 53' N	6° E	1° 11' W	151° 26' W	151° 15' W

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
A. M.	1	7		NNW	NNE	1/4				Strong breeze, cloudy & squally. moderate sea.
	2	7		"	"	"				
	3	6		"	"	"				
	4	6		"	"	"				
	5	6		"	"	"				
	6	6		"	"	"				
	7	7		"	"	"				
	8	7		"	"	"				
	9	7		"	"	"				
	10	7		"	"	"				
	11	7		"	"	"				
	12	7		"	"	"				
P. M.	1	7		N by W 1/2 W	N by E					No change. showed mig. & main roy.
	2	7		"	"	"				
	3	7		"	"	"				
	4	7		"	"	"				
	5	6		NNW	"	"				
	6	6		"	"	"				
	7	6		"	"	"				
	8	6		"	"	"				
	9	7		"	"	"				
	10	7		"	"	"				
	11	8		"	"	"				
	12	8		"	"	"				

30.05

51 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 17° W	162'	2° 35' N	47.4'	16° 28' N	16° 31' N	7° E	0° 49' W	152° 15' W	152° 23' W

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
	1	8		NNW	NNE	1/4				Strong breeze, cloudy & squally. heavy sea.
	2	8		"	"	"				
	3	8		"	"	"				
	4	7		"	"	"				
	5	7		"	"	"				
	6	7		"	"	"				
	7	7		"	"	"				
	8	7		"	"	"				
	9	7		"	"	"				
	10	7		"	"	"				
	11	6		"	"	"				
	12	6		"	"	"				
	1	6		"	"	"				
	2	6		"	"	"				
	3	6		"	"	"				
	4	6		"	"	"				
	5	7		"	"	"				
	6	7		"	"	"				
	7	7		"	"	"				
	8	7		"	"	"				
	9	5		"	"	"				
	10	5		"	"	"				
	11	5		"	"	"				
	12	5		"	"	"				

30.10

52 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 17° W	157'	2° 30' N	46.9'	19° 1' N	18° 59' N	8° E	0° 48' W	153° 3' W	153° 14' W

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
	1	6		NW by W	NNE	0				Strong breeze & squally. moderate sea.
	2	6		"	"	"				
	3	6		"	"	"				
	4	6		"	"	"				
	5	6		"	"	"				
	6	5		"	"	"				
	7	5		"	"	"				
	8	5		"	"	"				
	9	5		"	"	"				
	10	5		"	"	"				
	11	5		"	"	"				
	12	5		"	"	"				
	1	4		"	"	"				
	2	4		"	"	"				
	3	3		WNW	North					
	4	3		"	"	"				
	5	3		NW by W	N by E					
	6	3		"	"	"				
	7	2		"	"	"				
	8	2		"	"	"				
	9	2		"	"	"				
	10	3		"	"	"				
	11	3		"	"	"				
	12	3		"	"	"				

30.08

53 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 17° W	162'	2° 35' N	47.4'	16° 28' N	16° 31' N	7° E	0° 49' W	152° 15' W	152° 23' W

20° 5' N

From Newcastle N.S.W. towards Honolulu

Wednesday July 12 th 1899											Thursday July 13 th 1899										
H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		
A. M.	1	3	NW by W	N by E	1/2				Light & fair	1	2	"	W by NW	E by N	0				Light & fair		
	2	3	"	"	"				smooth.	2	2	"	"	"	"				N.W. swell.		
	3	3	"	"	"					3	2	"	"	"	"						
	4	3	"	"	"					4	3	"	"	"	"						
	5	3	"	"	"					5	2	"	"	"	"						
	6	3	"	"	"				6pm Upolu to S.W. 35 miles	6	3	"	"	"	"						
	7	2	W by N	N by W	"				Light breeze cloudy	7	3	"	"	East	"				Light		
	8	2	"	"	"				and squally.	8	3	"	"	"	"						
	9	2	NW	NNE	"					9	3	"	"	"	"						
	10	2	"	"	"					10	2	"	"	"	"						
	11	3	N.W.	E by E	0					11	2	"	"	E by E	"						
	12	4	"	"	"					12	2	"	"	"	"						
P. M.	1	4	"	"	"				Light	1	3	"	"	"	"				Light		
	2	4	"	"	"					2	3	"	"	"	"						
	3	4	"	"	"					3	3	"	W 1/2 S	"	"						
	4	4	"	"	"					4	2	"	"	"	"						
	5	4	"	"	"					5	2	"	"	"	"						
	6	3	NW 1/2 W	E	"					6	3	"	W by S 1/2 S	East	"						
	7	3	"	"	"				Light & fair	7	3	"	"	"	"				Light		
	8	3	"	"	"					8	3	"	"	"	"						
	9	3	"	"	"					9	3	"	"	"	"						
	10	3	"	"	"					10	3	"	SW 1/2 W	E by E	"						
	11	3	"	"	"					11	3	"	"	"	"				12 a.m. Molokai E. by S 1/2 S		
	12	2	"	"	"				30.07 Upolu to (Honolulu) by W 1/2 W	12	3	"	"	"	"				30.09 — " — NW by S 1/2 S		
Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by C										Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.											
20° 57' N										21° 23' N											
H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		
P. M.	1	2	W by N 1/2 N	E by E	0				Light & fair	1			SW 1/2 W	E by E	0				Light & fair		
	2	2	"	"	"				smooth sea.	2			"	"	"				N.W. swell.		
	3	2	"	"	"					3			"	"	"						
	4	2	"	"	"					4			"	"	"						
	5	2	"	"	"					5			"	"	"				furled all light sails & mainmast		
	6	2	"	"	"				6pm Maui S.E. by S. 1/4 S. 250m	6			"	"	"				6pm. Gloucester head W by S		
	7	1	W by S	NW by N	1/2				Wind changed to W.	7			"	"	"				Dist 10 miles.		
	8	1	"	"	"				Very light air, light rain	8			"	"	"				moderate & fair		
	9	1	West	N.W.W	"					9			W by W	NNE	"				10pm. hove to Port tack		
	10	1	"	"	"					10			"	"	"						
	11	1	"	"	"					11			E by E	"	"				12pm Diamond light NW 1/4 N 8 miles		
	12	1	"	"	"					12			"	"	"				moderate & fair		
P. M.	1	2	W by N 1/2 N	NNE	"				Light & cloudy.	1			"	"	"				work ship		
	2	2	"	"	"					2			"	"	"						
	3	3	"	"	"					3			N.W.W	"	"						
	4	3	"	"	"					4			"	"	"						
	5	1	"	"	"					5			W by W	"	"						
	6	1	"	"	"					6			"	"	"				6am. Diamond head E by N Dist 3 miles		
	7	1	NW by W	Variable	0				Light variable winds	7			"	"	"				very light air fair weather.		
	8	1	"	"	"				showers of rain	8			"	"	"				anchors, chains & ropes ready		
	9	2	"	"	"					9			"	"	"				9.30 got pilot + tug, furled the sails		
	10	2	"	"	"					10			"	"	"				10.30 anchored in Honolulu harbor with sh. board		
	11	3	"	East	"					11			"	"	"				anchored 40 fathoms of chain and moved astern with ropes		
	12	3	"	"	"				30.09 12a.m. Maui S.E. by S. 1/4 S. 8 miles	12			"	"	"				to the high. imbuish mainmast. Main gallant sail. & main up top sail.		
Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by C										Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.											
21° 12' N										21° 12' N											

From Ship Enterpe towards Honolulu.

From Ship Enterpe towards Honolulu.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of	189
A. M.	1			Sunday July 16 th	Wind N. moderate & fair					No work.		
	2			1899.								
	3			Monday July 17 th	Wind N. moderate & fair							
	4			1899	Crew employed painting outside.							
	5			Tuesday July 18 th	Moderate breeze of NE wind & hazy.							
	6			1899	Crew employed rigging gear for discharging cargo, afterwards painting rail & bulwarks inia							
	7			Wednesday July 19 th	Wind N.E. moderate & fair. At 5.30 gal							
	8			1899	pilots hauled in our snoring & hove up the anchor							
P. M.	9				got a tug to help. went alongside the wharf.							
	10				moved with wire fore & aft. Discharged							
	11				cargo in the afternoon. 3 Brunstons Nightwatchman							
	12				3 laborers from shore to help work cargo.							
	1			Thursday July 20 th	Wind N.E. moderate & fair discharged							
	2			1899	cargo the whole day. During the night							
	3				one of the sailors, the Normann deserted							
	4				the vessel. 3 laborers to help weighed out 212 ⁷¹ / ₁₀₀							
	5				Wind N.E. moderate. Showery in the forenoon							
	6				fair in the afternoon. Discharged cargo the							
	7				whole day weighed 102 ²¹⁵ / ₁₀₀ Same Nightwatchman.							
	8											
	9											
	10											
	11											
	12											

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of	189
	1			Thursday July 27 th	Fresh breeze of easterly wind. fair weather							
	2			1899.	Discharged cargo 5 laborers to help							
	3				weighed 150 ²⁰⁰ / ₁₀₀ Same Brunstons Nightwatchman							
	4			Friday July 28 th	Wind E.N.E. fresh & fair. Discharged							
	5			1899	cargo the whole day. 2 m. abrahamson A.B.							
	6				sick with fever. Same Nightwatchman.							
	7				5 laborers to help. weighed 176 ⁷⁷ / ₁₀₀							
	8			Saturday July 29 th	Wind N.E. fresh & fair. Discharged							
	9			1899	cargo till 12 a.m. in the afternoon							
	10				crew employed cleaning up the after							
	11				hold making ready for ballast.							
	12				Abrahamson still sick & shore men to help.							
	1			Sunday July 30 th	N.E. Wind fresh breeze. fair weather.							
	2			1899.	No work. Same Nightwatchman.							
	3											
	4			Monday July 31 st	E & E Wind fresh & fair. Discharged							
	5			1899.	cargo from 8.30 till 12 a.m. afterwards							
	6				took in ballast, crew employed cleaning							
	7				up the hold. 2 men scrubbing outside.							
	8				Abrahamson returned to duty. Same Nightwatchman.							
	9				5 shore men to help.							
	10											
	11											
	12											

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

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

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of	189
A. M.	1			Saturday July 22 nd	Wind East fresh breeze. fair weather. showery.							
	2			1899.	in the morning. Discharged cargo until 12.2							
	3				hauled ship ahead in the afternoon. was							
	4				down for aft. 3 laborers to help. weighed out 156 ¹¹⁹⁰ / ₁₀₀							
	5			Sunday July 23 rd	Fresh breeze of East Wind & showery.							
	6			1899	No work. Same Nightwatchman.							
	7											
	8			Monday July 24 th	In the forenoon fresh easterly wind, N.E. in the							
	9			1899	afternoon fair weather. Discharged							
	10				cargo till 3 p.m. had to stop on account							
	11				of getting too much on the edge. by order							
P. M.	12				from the harbor master. had 2 shore men							
	1				to discharge cargo, and sent 2 of							
	2				the sailors to scrub & paint outside.							
	3				weighed 47 ⁴⁶⁰ / ₁₀₀ Same Nightwatchman.							
	4											
	5			Tuesday July 25 th	Wind East & N.E. dr. br. fair weather.							
	6			1899	Discharged cargo the whole day. weighed 212 ¹¹⁵⁰ / ₁₀₀							
	7				5 laborers to help discharging. Same Nightwatchman							
	8											
	9			Wednesday July 26 th	Wind S.E. East & N.E. fresh breeze & showery.							
	10			1899	Discharged cargo the whole day. 5 laborers to help.							
	11				weighed 173 ²¹⁹⁰ / ₁₀₀ Same Nightwatchman.							
	12											

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of	189
	1			Tuesday August 1 st	Wind East. fresh & fair. Discharged cargo							
	2			1899	notice. 9.30 a.m. had to stop. vessel to crack up.							
	3				took in ballast with shovels. crew variously							
	4				employed. 5 laborers to help discharging cargo							
	5				weighed 101 ¹⁷⁸⁰ / ₁₀₀ Same Brunstons Nightwatchman.							
	6			Wednesday Aug 2 nd	Wind N.E. fresh & showery, took in ballast							
	7			1899	crew employed painting outside. In the after-							
	8				noon discharged cargo. 5 shore men to help.							
	9				Same Nightwatchman							
	10			Thursday Aug 3 rd	Moderate E.N.E. Wind. fair. Discharged							
	11			1899	cargo & took in ballast the whole day.							
	12				5 laborers to help. Same Nightwatchman.							
	1				weighed 117 ³⁸⁰ / ₁₀₀							
	2			Friday Aug 4 th	Fresh N.E. Wind fair. Discharged							
	3			1899	cargo. 12 a.m. all out. took in							
	4				ballast the whole day. crew employed							
	5				clearing up in the afternoon.							
	6				5 shore men to help. Same Nightwatchman.							
	7				weighed 122 ¹²⁸⁰ / ₁₀₀							
	8			Saturday Aug 5 th	Wind N.E. fresh & fair. Stavedors taking							
	9				in ballast. crew variously employed.							
	10				Same Nightwatchman.							
	11											
	12											

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

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

From Ship Enterprise towards in Honolulu.

From Honolulu towards Port Townsend

Course.											Distance.											Diff. of Lat.											Departure.											Lat. by D. R.											Lat. by Ob.											Variation.											Diff. of Lon.											Lon. in.											Lon. by C.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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Wind & fresh & showery. Trimmast ballast made men to go to sea. at 1 p.m. got Pilot & Eng. hauled in our murrings and towed out to sea. at 2 p.m. got Pilot left. set all sail ÷ Royal, Mainmast & spanker. strong breeze with heavy squalls. lowered anchors and secured everything. Vessel's draught 16'3" aft. 15'1" forward. 8 p.m. Kaeima Point at 1/2 E. Dist 14 miles. Strong & Increasing with heavy squalls. flag & Gallant sails made fast.											1											2											3											4											5											6											7											8											9											10											11											12																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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From Honolulu towards Port Townsend

From Honolulu towards Port Townsend

Monday of Aug 13 th												Tuesday of Aug 14 th 1897											
	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.			H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	
A. M.	1	6	.	N 1/2 W	6 N E	1/4				Fresh & fair moderate sea.		1	7	.	N 1/2 E	6 N E	1/4					Fresh & fair smooth sea.	
	2	6	.	.	.	.						2	7	.	.	.	.	.					
	3	6	.	.	.	.						3	7	.	.	.	.	.					
	4	6	.	.	.	.						4	7	.	.	.	.	.					
	5	6	.	.	.	.						5	7	.	.	.	.	.					
	6	6	.	.	.	.						6	7	.	.	.	.	.					
	7	6	.	N 1/2 E	6 N E	1/4				Fresh & squally		7	7	.	.	.	.	.				N.	
	8	6	.	.	.	.						8	7	.	.	.	.	.					
	9	7	.	.	.	.						9	7	.	.	.	.	.					
	10	7	.	.	.	.						10	7	.	.	.	.	.					
	11	7	.	.	.	.						11	7	.	.	.	.	.					
	12	7	.	.	.	.						12	7	.	.	.	.	.					
P. M.	1	7	.	N 1/2 E	.	.				N.		1	7	.	.	.	.	.				N.	
	2	7	.	.	.	.						2	7	.	.	.	.	.					
	3	7	.	.	.	.						3	7	.	.	.	.	.				passing squalls.	
	4	7	.	.	.	.						4	7	.	.	.	.	.					
	5	6	.	.	.	.						5	7	.	.	.	.	.					
	6	6	.	.	.	.				Set Miz. top gallants on fresh & fair.		6	7	.	.	.	.	.					
	7	6	.	.	.	.				Set Miz. top gallants.		7	7	.	.	.	.	.				N.	
	8	6	.	.	.	.						8	7	.	.	.	.	.					
	9	6	.	.	.	.						9	7	.	.	.	.	.					
	10	6	.	.	.	.						10	7	.	.	.	.	.					
	11	6	.	.	.	.						11	7	.	.	.	.	.					
	12	6	.	.	.	.				30.27		12	7	.	.	.	.	.				30.53	
11 Days out.												6 Days out.											
Course.		Distance.		Diff. of Lat.		Departure.		Lat. by D. R.		Lat. by Ob.		Variation.		Diff. of Lon.		Lon. in.		Lon. by Ob.					
N 12° E		157'		2° 28' N		31.4'		130° 13' N		130° 21' N		12° E		0° 36' E		157° 33' W		157° 40' W					

Monday of Aug 14 th												Tuesday of Aug 15 th 1897											
	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.			H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	
A. M.	1	6	.	N 3/4 E	6 N E	1/4				Fresh & fair smooth sea. Set royals.		1	8	.	N 1/2 E	6 N E	1/4					Fresh & fair smooth sea.	
	2	6	.	.	.	.						2	8	.	.	.	.	.					
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	10	6	.	.	.	.						10	8	.	.	.	.	.					
	11	6	.	.	.	.						11	8	.	.	.	.	.					
	12	6	.	.	.	.						12	8	.	.	.	.	.					
P. M.	1	6	.	.	.	.				N.		1	7	.	.	.	.	.				N.	
	2	6	.	.	.	.						2	7	.	.	.	.	.					
	3	6	.	.	.	.				passing light squalls.		3	7	.	.	.	.	.					
	4	6	.	.	.	.						4	7	.	.	.	.	.					
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	7	6	.	.	.	.				N.		7	7	.	.	.	.	.					
	8	6	.	.	.	.						8	7	.	.	.	.	.					
	9	6	.	.	.	.						9	6	.	.	.	.	.				decreasing fine weather	
	10	6	.	.	.	.						10	6	.	.	.	.	.					
	11	6	.	.	.	.						11	6	.	.	.	.	.					
	12	6	.	.	.	.				30.40		12	4	.	.	.	.	.				30.67	
5 Days out.												7 Days out.											
Course.		Distance.		Diff. of Lat.		Departure.		Lat. by D. R.		Lat. by Ob.		Variation.		Diff. of Lon.		Lon. in.		Lon. by Ob.					
N 18° E		144		2° 17' N		44.5'		132° 38' N		132° 52' N		12° E		0° 52' E		158° 40' W		158° 48' W					

From Honolulu towards Port Townsend From Honolulu towards Port Townsend

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
P.M.	1	4		NW 1/2 E	1/4					moderate fair	1	2	4	NW 1/2 E	East	1/4				Light air fair weather.
	2	4								Very smooth sea	2	2	4							Smooth sea.
	3	5									3	2	4							
	4	5									4	2	4							
	5	5									5	2	4							
	6	5									6	2	4							
	7	5									7	2	4							
	8	5									8	2	4							
	9	6									9	1	4							
	10	6									10	1	4							
	11	6									11	1	4							
	12	6									12	1	4							
A.M.	1	6									1	1	4							No change
	2	6									2	1	4							
	3	4									3	3	4	NW 1/2 E	SE	0				
	4	4									4	2	4		SW					
	5	4									5	2	4		W 1/2 W					
	6	4									6	2	4							
	7	4									7	2	4							
	8	4									8	2	4							
	9	4									9	2	4							
	10	4									10	2	4							
	11	5									11	2	4							
	12	5									12	2	4		South					
									30.64	8 Days out.									30.52	10 Days at sea.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 1/2 W	116'	1256' N	2.0'	40° 0' N	39° 53' N	1° E	0° 3' W	155° 41' W	155° 41' W	N 1/2 E	42'	0° 26' N	33.1'	41° 21' N	41° 34' N	16° E	0° 44' E	155° 10' W	155° 11' W.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
P.M.	1	5		NW 1/2 E	1/2					Moderate and fair	1	3		NW 1/2 E	South	0				Light & fair.
	2	5								Smooth sea.	2	3								Smooth sea.
	3	5									3	3								
	4	5									4	3								
	5	4									5	3								
	6	4									6	3								
	7	3								Light & fair	7	2								
	8	3									8	2								
	9	2									9	2								
	10	2									10	2								
	11	2									11	2								
	12	2									12	2								
A.M.	1	2									1	2								
	2	2									2	2								
	3	2									3	2								
	4	2									4	2								
	5	2									5	2								
	6	2									6	2								
	7	2									7	3								
	8	2									8	3								
	9	2									9	4								
	10	2									10	4								
	11	2									11	4								
	12	2									12	4								
									30.58	9 Days out.									30.50	11 Days at sea.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 1/2 W	66'	1255' N	10.3'	40° 58' N	40° 55' N	16° E	0° 13' W	155° 54' W	155° 54' W	N 1/2 E	64'	0° 25' N	58.9'	41° 39' N	41° 36' N	16° E	1° 18' E	153° 52' W	153° 49' W.

From Honolulu towards Port Townsend. From Honolulu towards Port Townsend.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
A. M.	1	5	4	NNE	Light	0				Moderate & fair		1	3	4	NNE	Light	0				Light & fair
	2	5	4							Smooth sea.		2	3	4							Smooth sea.
	3	5	4									3	3	4							
	4	5	4									4	3	4							
	5	5	4									5	3	4							
	6	5	4									6	3	4							
	7	5	4	N 1/4 E	Light	1/4						7	2	4							
	8	5	4									8	2	4							
	9	4	4									9	2	4							
	10	4	4									10	2	4							
	11	4	4									11	2	4							
	12	4	4									12	2	4							
P. M.	1	5	4									1	1	4							
	2	5	4									2	1	4							
	3	5	4									3	1	4							
	4	5	4									4	1	4							
	5	6	4	N 1/4 E	Light	0						5	1	4							
	6	6	4									6	1	4							
	7	6	4									7	1	4							
	8	6	4									8	1	4							
	9	6	4									9	2	4							
	10	6	4									10	2	4							
	11	5	4									11	2	4							
	12	5	4									12	2	4							

30.57

30.60

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 63° E	121'	0° 55' N	107.8'	42° 01' N	42° 27' N	17° E	2° 25' E	151° 27' W	151° 3	N 69° E	46'	0° 16' N	42.9'	43° 16' N	43° 13' N	18° E	0° 59' E	148° 11' W	148° 6' W

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
A. M.	1	6	4	NNE	Light	0				Moderate & fair		1	4	4	NNE	Light	0				Moderate & fair
	2	6	4							Smooth sea.		2	4	4							Smooth sea.
	3	6	4									3	4	4							
	4	6	4									4	4	4							
	5	6	4									5	4	4							
	6	6	4									6	4	4							
	7	6	4									7	4	4							
	8	6	4									8	4	4							
	9	6	4									9	4	4							
	10	6	4									10	4	4							
	11	6	4									11	4	4							
	12	6	4									12	4	4							
P. M.	1	6	4									1	6	4							
	2	6	4									2	6	4							
	3	6	4									3	6	4							
	4	6	4									4	6	4							
	5	6	4									5	7	4							
	6	6	4									6	7	4							
	7	6	4									7	7	4							
	8	6	4									8	7	4							
	9	6	4									9	7	4							
	10	6	4									10	7	4							
	11	6	4									11	8	4							
	12	6	4									12	8	4							

30.64

30.38

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 68° E	108	0° 40' N	100.1'	43° 7' N	43° 0' N	17° E	2° 17' E	149° 10' W	149° 1	N 74° E	136'	0° 37' N	120.7'	43° 50' N	43° 39' N	18° E	2° 07' E	145° 12' W	145° 12' W

From Honolulu towards Port Townsend

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
A. M.	1	9	1	N by E	W by NW	0				Fresh & showery.
	2	9	4							Smooth sea.
	3	9	2							
	4	9	2							
	5	10	2							
	6	10	2							
	7	10	2							
	8	10	2							
	9	10	2		West					
	10	10	2							
	11	10	2							
	12	10	2							
P. M.	1	10	2							Fresh breeze & showery.
	2	9	2							
	3	9	2		W by SW					
	4	9	2							
	5	9	2							
	6	9	2							
	7	9	2							
	8	9	2							
	9	9	2							
	10	9	2							
	11	9	2							
	12	9	2							

30.07

6 Days out.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
N 75° E	225	0:58.1	217.3	44° 37' N	44° 37' N	1° E	1:2 E	140° 10' W	140° 2

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
A. M.	1	10	1	N by E	W by NW	0				Fresh & showery.
	2	10	1							Smooth sea.
	3	10	1							
	4	9	1	E by E	North	1/4				
	5	9	1							
	6	9	1							
	7	8	1							
	8	8	1							
	9	8	1							
	10	8	1							
	11	8	1							
	12	8	1							
P. M.	1	8	1	N by E	N by W					Fresh & fair.
	2	8	1							
	3	7	1							
	4	7	1							
	5	7	1							
	6	7	1							
	7	7	1							
	8	7	1							
	9	7	1							
	10	7	1							
	11	7	1							
	12	7	1							

30.10

17 Days out.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
N 81° E	189	0:30.6	186.7	45° 7' N	45° 10' N	20° E	4° 24' E	135° 46' W	136° 27

From Honolulu towards Port Townsend

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
	1	7	1	N by E 1/4 E	N by W	1/4				Fresh & fair
	2	7	1							Smooth sea.
	3	7	1							
	4	7	1							
	5	7	1							
	6	7	1							
	7	6	1							
	8	6	1							
	9	6	1							
	10	6	1							
	11	5	1							
	12	5	1							
	1	5	1	E by N	North					Moderate & fair
	2	5	1							
	3	5	1							
	4	5	1							
	5	5	1	E by S	N by E					
	6	5	1							
	7	5	1							
	8	5	1							
	9	5	1							
	10	5	1							
	11	5	1							
	12	5	1							

30.23

18 Days out.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
East	134	0:0	134.0	45° 0' N	44° 56' N	21° E	3° 9' E	132° 37' W	132° 25' W

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
	1	5	1	N by E 1/4 E	N by W	1/4				Moderate & fair
	2	5	1							Very smooth sea.
	3	5	1							
	4	5	1							
	5	5	1							
	6	5	1							
	7	5	1	N by E						
	8	5	1							
	9	5	1							
	10	5	1							
	11	5	1							
	12	5	1							
	1	5	1							
	2	5	1							
	3	5	1							
	4	5	1							
	5	4	1							
	6	4	1							
	7	4	1							
	8	4	1							
	9	3	1							
	10	3	1							
	11	3	1							
	12	3	1							

30.34

19 Days out.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 81° E	106	0:17.2	104.7	45° 13' N	45° 10' N	21° E	2° 28' E	130° 9' W	130° 52' W

From Honolulu towards Port Townsend From Honolulu towards Port Townsend

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
										to day of Aug 29.										to day of Aug 31.
P. M.	1	5	4	N 6 by E	N by W	1/4				Moderate & fair	1	6	4	West	N N W	1				Moderate gale & l.
	2	5	4							smooth sea.	2	5	4							moderate sea.
	3	5	4								3	5	4							
	4	5	4								4	5	4							
	5	5	4								5	5	4							
	6	5	4								6	5	4							
	7	5	4								7	5	4							
	8	5	4								8	5	4							
	9	6	4								9	6	4	W by S	N W by N	2				
	10	6	4								10	4	4							
	11	6	4								11	4	4							
	12	6	4								12	4	4							
A. M.	1	6	4								1	4	4							
	2	6	4								2	4	4							
	3	6	4								3	3	4							
	4	6	4								4	3	4							
	5	7	4								5	3	4							
	6	7	4								6	3	4							
	7	7	4								7	3	4							
	8	7	4								8	3	4							
	9	6	4	W 3/4 S	N N W						9	4	4							
	10	6	4								10	4	4							
	11	6	4								11	3	4							
	12	6	4								12	3	4							

20 Days out										22 Days out									
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 75° E	94'	0° 24' N	90.8'	45° 34' N	45° 22' N	21° E	2° 8' E	128° 1' W	128° 3'	N 87° W	96'	0° 5' S	90.9'	45° 40' N	45° 42' N	21° E	2° 8' W	133° 8' W	133° 34' W
H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
A. M.	1	6	W 1/2 N	W 1/2 S	1/4				Fresh breeze, light	1	3		W 1/2 S	N 1/2 W	2				Moderate gale & squally
	2	6	"	"	"				with rain.	2	3		"	"	"				high sea
	3	6	"	"	"				smooth sea.	3	3		"	"	"				
	4	6	"	"	"					4	4		"	"	"				
	5	6	"	"	"					5	4		"	"	"				
	6	6	"	"	"					6	4		"	"	"				
	7	8	"	"	"				Increasing to a strong	7	4		N 1/2 E	"	1				6 p.m. wore ship.
	8	8	"	"	"				breeze. showery!	8	4		"	"	"				Set jib, mainsail, fore & mig. up, top sail.
	9	6	W 1/2 N	N 1/2 W	1				Royal fl. jib, & mig.	9	4		"	"	"				Fresh breeze & cloudy.
	10	5	"	"	"				gallant sail fast.	10	4		"	"	"				
	11	4	"	"	"					11	4		"	"	"				
	12	3	"	"	"					12	4		"	"	"				Set main top gallant sail.
P. M.	1	3	"	"	"				Strong breeze cloudy	1	5		N 1/2 N	W 1/2 S	1/2				Fresh & cloudy.
	2	3	"	"	"				& showery	2	5		"	"	"				
	3	3	"	"	"				Stowed spanker for	3	6		"	"	"				Set spanker fl. jib, fore & mig.
	4	3	"	"	"				& main top gallant sails	4	6		"	"	"				top gallant sails.
	5	4	"	"	"					5	6		N 1/2 N	N 1/2 W	"				
	6	4	"	"	"					6	5		"	"	"				
	7	4	"	"	"				2 1/2,	7	5		"	"	"				Decreasing to a light breeze.
	8	4	"	"	"				Stowed mainsail	8	4		"	"	"				cloudy weather
	9	5	"	"	"					9	2		N 1/2 E	W 1/2 W	0				
	10	5	"	"	"					10	2		"	"	"				Wind veering to the westward.
	11	6	"	"	"					11	2		"	West	"				Set Royals!
	12	6	"	"	"					12	3		"	N 1/2 W	"				
									20/6										29.90
									21 Days out										23 Days out
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 80° W	119'	0° 21' N	117.2'	45° 43' N	45° 45' N	21° E	2° 49' W	130° 50' W	131° 48'	N 59° E	53'	0° 27' N	45.4'	46° 9' N	46° 9' N	21° E	1° 5' E	132° 3' W	132° 18' W

From Honolulu towards Port Townsend. From Honolulu towards Port Townsend.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
										Saturday Sept 2 nd											Sunday Sept 3 rd 1897
P.M.	1	4		N 1/2 E 3/4 E	10 S W	0				Moderate, cloudy & m. showers of rain. Smooth sea.	1	3		N E	South	0					Light and fair moderate sea.
	2	4									2	3									
	3	4									3	3									
	4	4			N 1/2 W						4	3				SE					
	5	4			W 1/2 W						5	3									
	6	4									6	3									
	7	4			W 1/2 S					Light. No change in sea.	7	2									Very light air & fair
	8	4									8	2									
	9	4									9	1									
	10	4			SW						10	1									
	11	4									11	1									
	12	4									12	1									
A.M.	1	4			SW					No.	1	1				South					No.
	2	4									2	1									
	3	4			South						3	1									
	4	4									4	1				SW					
	5	4									5	1									
	6	4			SW					No.	6	1				South					No.
	7	4									7	1									
	8	4									8	1									
	9	4			South						9	1									
	10	4									10	1									
	11	4			SE						11	1									
	12	4									12	1									

29.76

24 Days out

29.79

26 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 1/2 E 3/4 E	78'	0° 56' N 54.2'	47° 58' N	47° 0' N	22° E	1° 19' E	130° 44' W	130° 5'	176° 7' E	40'	0° 16' N 36.8'	47° 49' N	47° 58' N	22° E	0° 58' E	127° 53' W	127° 54' W		

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.		H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
										Sunday Sept 3 rd											Sunday Sept 4 th 1897
P.M.	1	3		N E	South	0				Light breeze, cloudy. Smooth sea.	1	1		N E by E	SE	0					Very light air & almost calm fair weather. Smooth sea.
	2	3									2	1									
	3	3									3	1									
	4	3									4	1									
	5	3									5	1									
	6	3									6	1									
	7	3								No.	7	1									No.
	8	3									8	1				South					
	9	3									9	1									
	10	3									10	1				W 1/2 S					
	11	3									11	1									
	12	3									12	1									
A.M.	1	3								No change.	1	1									No.
	2	3									2	1				SW					
	3	3			SE						3	1									
	4	3									4	1									
	5	3									5	1									
	6	3									6	1									
	7	3								Light & fair.	7	1									No.
	8	3									8	1									
	9	3									9	2									
	10	3			South						10	2									
	11	3									11	2				South					
	12	3									12	2									

29.66

25 Days out

30.05

27 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 1/2 E 3/4 E	86'	0° 34' N 79.2'	47° 34' N	47° 33' N	22° E	1° 56' E	128° 48' W	128° 4'	178° 6' E	28'	0° 6' N 27.4'	47° 59' N	48° 0' N	22° E	0° 41' E	127° 12' W	127° 12' W		

From Honolulu towards Port Townsend

	H.	K.	½ K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
A. M.	1	3	"	N E by E	South	0				Light air and fair
	2	3	"	"	"	"				Smooth sea.
	3	3	"	"	"	"				
	4	3	"	"	"	"				
	5	2	"	"	SW	"				
	6	2	"	"	"	"				
	7	2	"	"	"	"				
	8	1	"	"	"	"				
	9	1	"	"	South	"				
	10	1	"	"	"	"				
	11	1	"	"	SE	"				
	12	1	"	"	"	"				
P. M.	1	1	"	"	South	"				Very light & cloudy
	2	1	"	"	"	"				
	3	2	"	"	SW	"				
	4	3	"	"	"	"				
	5	3	"	"	"	"				
	6	2	"	"	"	"				
	7	2	"	"	"	"				
	8	2	"	"	"	"				
	9	1	"	"	N E	"				
	10	1	"	"	"	"				
	11	1	"	"	SE	"				
	12	1	"	"	"	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by
N 79° E	44'	0° 8' N	43.2'	48° 8' N	48° 8' N	23° 6'	1° 5' E	126° 7' W	126° 4'

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.
A. M.	1	1	h	N E by E	Sw	0				Light air & fair smooth sea
	2	1	h	"	"	"				
	3	2	"	"	"	"				
	4	2	"	"	"	"				
	5	2	"	"	West	"				
	6	2	"	"	"	"				
	7	2	"	"	"	"				
	8	2	"	"	"	"				
	9	2	"	"	"	"				
	10	2	"	"	"	"				
	11	1	"	"	NW	"				
	12	1	"	"	"	"				
P. M.	1	1	"	"	NW	1/2				Light air with fog.
	2	1	"	"	"	"				
	3	2	"	"	"	"				
	4	2	"	"	"	"				
	5	2	"	East	N E by E	"				
	6	2	"	"	"	"				
	7	0	"	Calm	Calm	0				
	8	0	"	"	"	"				
	9	0	"	"	"	"				
	10	0	"	"	"	"				
	11	2	"	N E by E	N E by W	1/2				
	12	2	"	"	"	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
N 85:2 E	33'	0:3:2 N	32.9'	48:11' N	48:29' N	23:2 E	0:44' E	125:23' W	—

From Honolulu towards Port Townsend.

[illegible][illegible]

H.	K.	½ K.	COURSES.	WINDS.	LKEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of
1	Saturday Sept 9 th	1899.		Light Variable Winds					Fair Weather. Took the sick man H. O. M. Abrahamson to the hospital. At 9 a.m. got the tug R. Holyoke 10.45 got under weigh towed to Port Ludlow, arrived there at 1 p.m. moved alongside the Wharf. afternoon rigged up the ballast gear. Discharged the crew, two of our hauling lines carried away.	
2	Sunday Sep 10 th	1899		Wind NW. moderate and fair					No work.	
3	Monday Sep 11 th	1899		Light variable winds fine weather					five men of the crew turned too, got a steady donkey along side, at 1.30 p.m. got a tug and towed us to the ballast ground anchored with Harbord anchor 40 fathoms of chain before the windlass at 3 p.m. commenced discharging ballast had a donkey driver from shore!	
4	Tuesday Sept 12 th	1899		Light variable winds cloudy weather. Squally rain & thunder in the afternoon. Discharged ballast the whole day, had Donkey driver & 3 men from shore too help.						

[illegible]

From Ship Enterprise towards Port Ludlow & Seattle

From Ship Enterprise towards Seattle.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of
A. M.	1			Wednesday Sep 13 th	Light variable winds. cloudy & thick weather						
	2			1899	fair in the afternoon. Discharged ballast the whole day. had donkey driver & 3 men from shore to help.						
	3										
	4										
	5			Thursday Sep 14 th	Light variable winds. cloudy & thick						
	6			1899	foggy fair in the afternoon. 12 a.m. had the ballast out. had donkey driver & 3 shore men the whole day. in the afternoon trimmed ballast. 3 of the sailors ashore for & got their time.						
	7										
	8										
	9										
	10										
	11										
	12										
P. M.	1			Friday Sep 15 th	mod. N.W. Wind foggy in the morning						
	2			1899	fair the rest of the day. trimmed ballast in the forenoon. only two sailors to work in the afternoon. towed the donkey ashore						
	3										
	4										
	5			Saturday Sep 16 th	Light variable winds. fair weather						
	6			1899	washed down fore & aft. two on board.						
	7										
	8										
	9										
	10			Sunday Sep 17 th	Moderate West Wind foggy in the morning						
	11			1899	the rest of the day. at 7.30 got tug & 6 men from shore hove up the anchor towed to Seattle. At 2 p.m. moved alongside Moran Bros. Wharf. Vessel to be repaired						
	12										

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of	189
	1			Saturday Sep 20 th	Wind N.W. Light & fair. crew variously employed. 2 nd mate went to work.							
	2			1899								
	3											
	4											
	5			Sunday Sep 21 st	Trick breeze of N.W. Wind fair weather							
	6			1899	no work.							
	7											
	8											
	9			Monday Sep 22 nd	Wind N.W. moderate & fair.							
	10			1899	shipped 2 sailors. took up the fore yard. afterward crew variously employed							
	11				shipped carpenter.							
	12											
	1			Tuesday Sep 23 rd	Light variable winds & fair. foggy in the morning. crew variously employed.							
	2			1899	one sailor paid off.							
	3											
	4											
	5			Wednesday Sep 24 th	Light N.W. wind & fair weather. crew variously employed. J. Dixon went to work							
	6			1899								
	7											
	8											
	9											
	10			Thursday Sep 25 th	Light westerly Wind & cloudy. crew variously employed. J. Wilson, sailor paid off.							
	11			1899								
	12											

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

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

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of
A. M.	1			Monday Sep 18 th	Light variable winds fair weather.						
	2			1899	one sailor on board. 2 nd mate J. Dixon off duty.						
	3										
	4										
	5			Tuesday Sep 19 th	Light variable winds. foggy in the morning						
	6				fair later on. got 5 sailors on board. took down the fore yard, to get the truss for						
	7										
	8										
	9										
	10			Wednesday Sep 20 th	Light variable winds fair weather						
	11				crew variously employed						
	12				E. Carter off duty.						
P. M.	1										
	2										
	3			Thursday Sep 21 st	Wind & weather the same. crew						
	4				employed chipping and painting the below deck beams. E. Carter resumed his duties.						
	5										
	6										
	7										
	8										
	9			Friday Sep 22 nd	Light variable winds. fair weather.						
	10				crew chipping and painting between deck beams. 3 of the sailors paid off. Cook & Blair commenced work.						
	11										
	12										

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

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of	189
	1			Friday Sep 27 th	Wind S.E. light with rain in the forenoon.							
	2			1899	In the afternoon increasing to a gale with heavy squalls. crew variously employed.							
	3											
	4											
	5			Saturday Sep 28 th	A gale of wind from S.E. squally weather							
	6			1899	in the afternoon more moderate & fair. crew variously employed.							
	7											
	8											
	9											
	10			Sunday Oct 1 st	Light N.W. Wind fair weather. at 3.30 p.m.							
	11			1899	got the tug R. Halyors & towed down to Port Ludlow							
	12				anchored there at 9.30 with starboard anchor so							
	1				follows on chain. J. Dixon off duty.							
	2				shipped one sailor.							
	3											
	4			Monday Oct 2 nd	Light variable winds fair weather in the							
	5			1899	forenoon moved the vessel & anchored fore and							
	6				wire ashore aft. vessel ready for loading.							
	7											
	8											
	9			Tuesday Oct 3 rd	Light variable winds fair weather. Loading lumber							
	10			1899	the whole day. Loading with shovels. 2 of the ships							
	11				crew working with the shovels. the rest painting							
	12				outside.							

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

From Ship Enterprise towards in Port Ludlow.

From Ship Enterprise towards in Port Ludlow.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of
A. M.	1			Wednesday Oct 4 th	Light variable wind fair weather. Load						
	2			1899	Lumber. crew employed painting outside						
	3				2 working with the stowidor. A. Bixar						
	4				want to work.						
	5			Thursday Oct 5 th	Light variable wind & cloudy. Loading						
	6			1899	lumber. 2 sailor working with the stowidor						
	7				the rest of the crew variously employed						
	8										
	9										
	10			Friday Oct 6 th	Moderate westerly wind fair weather. Loading						
	11			1899	lumber till 11 A.M. no more lumber in						
	12				the dock. crew variously employed						
P. M.	1										
	2										
	3			Saturday Oct 7 th	Wind SE. moderate & squally. no lumber						
	4			1899	crew variously employed.						
	5										
	6										
	7			Sunday Oct 8 th	Wind SE. moderate cloudy & squally						
	8			1899	no work.						
	9										
	10										
	11			Monday Oct 9 th	Moderate South wind. squally. loading lumber						
	12			1899	in the afternoon. crew variously employed						
					2 men with the stowidor & day 1 man 4 hours.						

H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of	189
1			Monday Oct 16 th						Light variable winds with rain moderate North		
2			1899.						wind & cloudy in the afternoon. loading lumber.		
3									2 men with the stowidor, the rest variously employed		
4											
5											
6			Tuesday Oct 17 th						Moderate South wind. cloudy weather		
7			1899						Loading lumber. crew variously employed		
8									2 of the crew working with the stowidor.		
9											
10											
11			Wednesday Oct 18 th						Moderate South wind. cloudy weather.		
12			1899.						Loading lumber. lower hold full. Vessels		
1									draught 18' 9" aft & 17' 6" forward. In the evening rain		
2									2 of the crew working with the stowidor, the rest		
3									variously employed.		
4											
5			Thursday Oct 19 th						Blowing a strong gale from SE. with heavy		
6			1899.						squalls & rain. Loading lumber. crew variously		
7									employed. 2 men with the stowidor.		
8											
9											
10			Friday Oct 20 th						Wind SE. strong breeze squally weather		
11			1899.						Loading lumber till 11 A.M. afterwards no lumber		
12									on the wharf. crew variously employed. took anchor		
									stores. 2 men working with the stowidor. 4 hours		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
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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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	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of
A. M.	1			Tuesday Oct 10 th	Light westerly wind. fair weather. loading						
	2			1899	lumber till 10 A.M. crew variously employ						
	3				3 men with the stowidor 3 hours.						
	4										
	5			Wednesday Oct 11 th	Moderate westerly wind. fair weather. loading						
	6			1899	lumber in the afternoon. had all the						
	7				load for drying. 2 men with the stowidor						
	8										
	9										
	10			Thursday Oct 12 th	Wind West moderate & fair. loading						
	11			1899	lumber. crew variously employed.						
	12				2 men with the stowidor 9 hours 1 man 1 1/2 hours						
P. M.	1				shifted the vessel.						
	2			Friday Oct 13 th	Wind West & W.S.W. fresh & fair. loading						
	3			1899	lumber. crew employed painting out.						
	4				2 men with the stowidor.						
	5										
	6			Saturday Oct 14 th	Wind West & S.W. moderate & fair. loading						
	7			1899	lumber. crew variously employed. one sailor dis						
	8				2 men working with the stowidor.						
	9										
	10			Sunday Oct 15 th	Wind South light & cloudy with rain						
	11			1899	no work.						
	12										

H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of	189
1			Saturday Oct	Wind SE. moderate & squally.							
2			21 st 1899.	loading lumber part of the day. had							
3				to stop for 3 hours, no lumber on							
4				the wharf. crew variously employed							
5				2 men with the stowidor, these sailors paid off							
6											
7			Sunday Oct 22 nd	Moderate SE. Wind. squally weather							
8			1899	no work.							
9											
10											
11			Monday Oct 23 rd	Fresh SE Wind. squally weather -							
12			1899	loading lumber. one sailor aboard him							
1				working with the stowidor. 2 nd mate left							
2											
3											
4			Tuesday Oct	Fresh SE Wind. squally weather loading							
5			24 th 1899.	lumber. one sailor working with							
6				stowidor. the hold full.							
7				Draught of vessel. 22' 1" at							
8				20' 0" forward.							
9											
10			Wednesday Oct	Fresh SE. Wind squally weather loading							
11			25 th 1899.	lumber. one sailor working with the stowidor.							
12											

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. b
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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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From Port Ludlow towards Fremantle.

H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of		
A. M.	1		Thursday Oct 26 th 1899	fresh SE Wind cloudy weather					Load one sailor working with the stowidor. at noon vessel loaded. In the afternoon had 8 men from shore to help. hoist up the anchor and moved alongside the wharf. 2nd mate and sailor Ed. Carter commenced work.		1	6		SW	ESE	0				Strong breeze cloudy & tick. moderate sea.			
	2										2	7											
	3										3	8											
	4										4	8											
	5										5	7											
	6										6	5											
	7										7	3				2							
	8										8	3											
	9		Friday Oct 27 th 1899.	Moderate SE Wind fair weather					took aboard stores & ship's laundry set up deck load lashings and different other jobs. had 6 men from shore to work 3 hours and 2 men the whole day		9	3											
	10										10	3											
	11										11	3											
	12										12	3											
P. M.	1										1	2											
	2										2	2											
	3										3	2											
	4		Saturday Oct 28 th 1899	Moderate NW Wind foggy weather.					Sailor A. Dixon commenced work At 11.30 got the tug Tacoma and towed to Fort Townsend where we anchored with starboard anchor 40 fathoms on the cable. St. Dixon Nightwater one sailor Japanese Jack paid off.		4	2											
	5										5	2											
	6										6	2											
	7										7	2											
	8										8	2											
	9										9	2											
	10										10	5		SW		1							
	11		Sunday Oct 29 th 1899	Light SE Wind foggy weather.					6 sailors came aboard A. Dixon Nightwatchman.		11	5											
	12										12	5											
											29.97											1 Day at sea	
Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. l.											Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.												
											SW 105' 0° 51' S 91.8' 47° 32' N — 22° E 2° 17' W 127° 1' W —												
H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS.	day of		
A. M.	1		Monday Oct 30 th 1899.	Moderate SE Wind foggy in the morning later cleared off. Sent down fore & sniggen roys yards. made everything ready for sea 2 more sailors came aboard. Cook paid a got a new back & cabin boy. At 7.30 p.m. got the tug Dyce, hoist up the anchor and towed down the Strait.							1	5		SW	ESE	2					Blowing a strong gale, tick & rain. Heavy sea.		
	2										2	5											
	3										3	5											
	4										4	5											
	5										5	5											
	6										6	5											
	7										7	5											
	8										8	5											
	9										9	5											
	10										10	5											
	11										11	5											
	12										12	5											
E. M.	1		Tuesday Oct 31 st 1899.	Wind SE moderate and tick							1	5											
	2										2	5											
	3										3	5											
	4										4	4		SW		3							
	5										5	4											
	6										6	4											
	7										7	4											
	8										8	3											
	9										9	3											
	10										10	3											
	11										11	3											
	12										12	3											
											29.66											2 days and	
Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. l.											Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.												
											SW 106' 0° 20' N 104.1' 47° 52' N 48° 19' N 22° E 2° 36' W 129° 37' W —												

From Port Ludlow towards Fremantle.

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS. <i>2nd day of Nov 3rd</i>
A. M.	1	2	4	SW	SE	6				Moderate gale & cloud, heavy sea.
	2	2	4							
	3	1	4							
	4	1	4							
	5	1	4							
	6	1	4							
	7	1	4							N ^o & squally.
	8	1	4							
	9	1	4							
	10	1	4							
	11	1	4							
	12	1	4							
P. M.	1	1	4	SW	SE					Moderate & squally
	2	1	4							
	3	1	4							
	4	1	4							
	5	1	4							
	6	1	4							
	7	1	4							N ^o .
	8	1	4							
	9	2	4							Shifted main topmast staysail
	10	2	4							
	11	2	4							
	12	2	4						29.51	

3 Days on

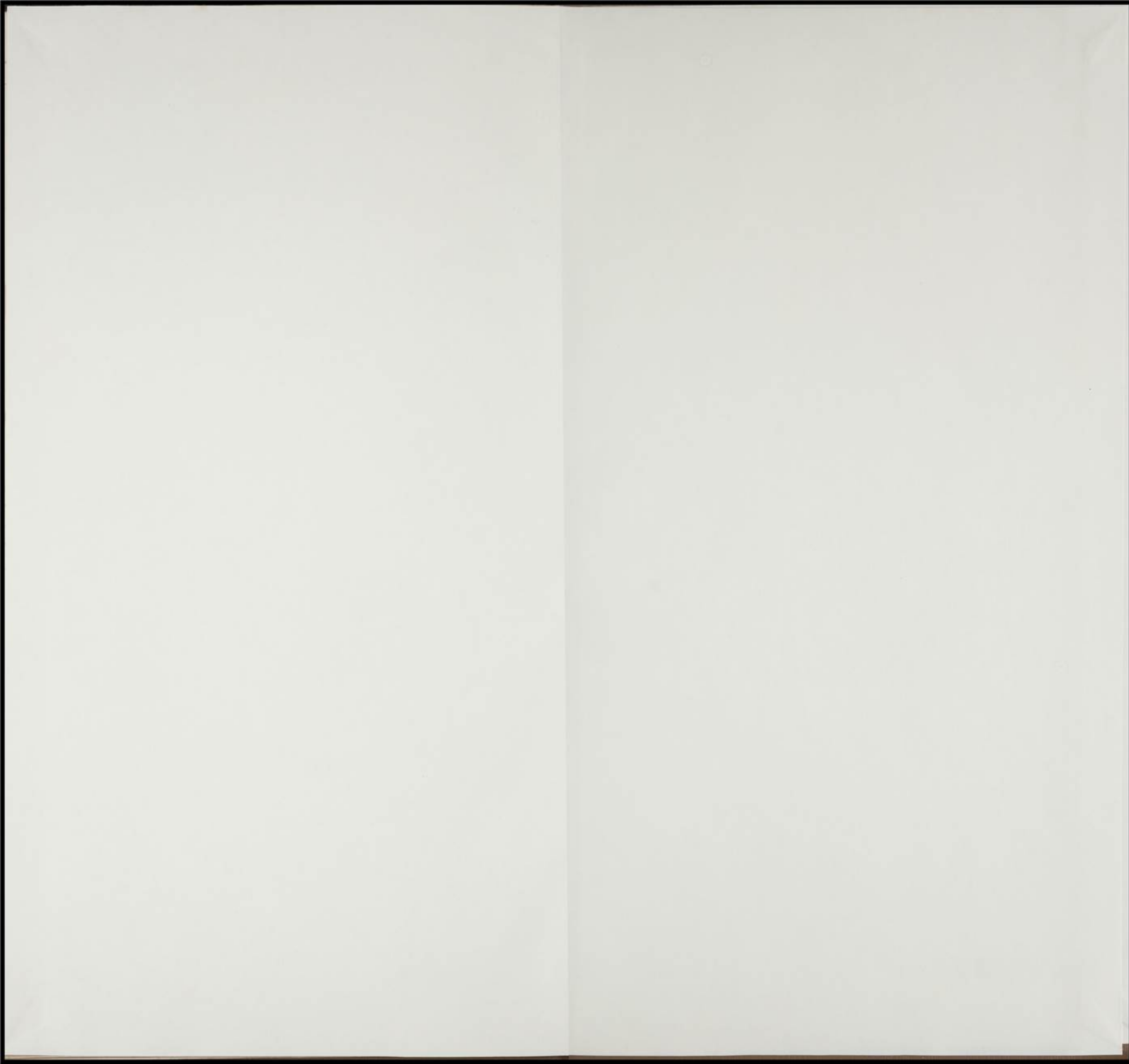
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. l
N 56° W	30'	0° 17' N	24.9'	48° 36' N	48° 28' N	22° E	0° 37' W	130° 44' W	130° 23'

	H.	K.	1/2 K.	COURSES.	WINDS.	LEEWAY.	TEMP. AIR.	TEMP. WATER.	BAROM.	REMARKS. <i>Saturday Nov 4th</i>
A. M.	1	2	4	SW by N	SE	4				Moderate and squally. heavy sea. Wind changed to SW 2 p. m. wore ship. & set main topmast staysail. only lower topsail, foremast, jib & upper topsails
	2	2	4	SE by S	SW by S	2				Light & squally.
	3	2	4							
	4	2	4							
	5	2	4							
	6	2	4							
	7	2	4							
	8	2	4							
	9	2	4							All still but except main royal.
	10	2	4							
	11	3	4							
	12	3	4							
P. M.	1	3	4							Moderate & fair
	2	3	4							
	3	4	4							
	4	4	4							
	5	4	4							
	6	4	4							Set main royal moderate and fair passing squalls.
	7	3	4							
	8	3	4							
	9	3	4							
	10	3	4							
	11	2	4							
	12	2	4						29.94	

4 Days on

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. l
S 23° E	56'	0° 51' S	21.9'	47° 37' N	47° 38' N	22° E	0° 33' E	129° 41' W	129° 34'

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