VOLUME 9

19 JUNE 1896 – 29 MAY 1897

LOG BOOK

OF THE

Eclipse

From the Port of [illegible]

To [illegible]

Commencing [illegible] 1896

Ending [illegible]

LOG BOOK

OF THE

"Euterpe"

From the Port of Glasgow.

To New Zealand. Dunedin & Wellington

Commencing Friday June 19th 1896.

Ending

S. STRAKER & SONS

(ESTABLISHED 1834).

EXPORT STATIONERS & PRINTERS,

Account Book Manufacturers and Envelope Factors.

22, LEADENHALL STREET, LONDON, E.C.,

And at 124, FENCHURCH STREET.

Every description ...v, Wages, Cargo, Sight, and Tallie Books, Tables, &c., &c., &c.

Duncdin

SHIP'S COMPANY.

Date.	Christian and Surname.	Rank.	Age.	Where born.	No. of Register Ticket.	Remarks.	N
	A. J. Banks	Master	64.	Jersey			
	G. Richmond	1st Mate	37.	Gredwork.	35747		
	T. W. Spence.	2. Mate	31	London			
	E. J. Hales	3 Mate.	20	Sydenham			
	F. Summers	Steward,	53	Rome.	1988.		Unable
	H. Neill	Carpenter	33.	Greenock.	13021		dead
	J. Adamson	Sailmaker	34	Sweden	13080		
	E. Anderson	Cook	55.	Hasson	10952.		
	J. McCulloch	A. B.	30	Hasson	852		
	J. Pollock.	A. B.	21	Auckland	3386		
	J. Holmberg.	A. B	23.	Sweden.		Alfred Anders	
	R. McLeod,	A. B.	24.	Stornoway	10701.		
	J. Thomson	A. B.	21	Lerwick	11086.		
	W. McRae,	A. B.	33	Stornoway	11749		496.
	J. Hanke	A. B.	26	Rothesylen	4131.		
	E. Bengston	A. B.	25	Sweden	4140.		
	E. Iles.	A. B	21	Denmark	3385.		
	W. Whitelaw	O. S.	19.	Hasson	10219.		
	J. Thomson	O. S.	19	Hasson	12284.		
	L. A. Bedwell,	A. B.	20.	London		Remark Alfred	
	J. A. Sidgreave	Apprentice	19.	London			
	C. R. Calcie	"	18.	London			
	J. J. Greedie		18.	Lond			

J. Richmond

PASSENGERS.

No.	Name.	Description.	When and where received on Board.	When and where Landed.

LOG of the *Euterpe*

From *Glasgow* Towards *Dunedin*

CHIEF OFFICER'S LOG.

Hrs.		Distance Run. Knots	Fathoms	WINDS—see Formula Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Friday June 19th 1896
1	Crew all on board, sober, &											
2	every one able to attend to											
3	their respective duties											
4												
5												5 Pm Unmoored & left the [illegible]
6												Dock in tow of tugs Hercules & [illegible]
7												Wizard in charge of Mr [illegible]
8												Glasgow Pilot.
9												8 Anchored at Tail of the Bank [illegible]
10												the Powder Buoys, preparatory
11												taking in Dynamite & Detonators
12												tomorrow, 45 fathom Cable 846.
1												water, wind S.W. fresh, [illegible]
2												
3												
4												[illegible] in
5												[illegible] Sea
6												[illegible] n
7												Anchor Light hung
8												Anchor Watches kep[t]
9												
10												
11												[illegible] pumps
12												attended

BEARING & DISTANCE AT NOON.

[illegible]	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance per [illegible]	Distance Run per Patent Log.

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
To		From To

[illegible] Mate. [illegible] Master.

LOG of the *Eutelpi*
From *Glasgow* Towards *Dunedin*

CHIEF OFFICER'S LOG.

Hrs.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
											Saturday June 20th 1896.
1											
2											
3											Blowing strong S.W. wind clear.
4											
5											
6											
7											
8											
9											
10											
11											
12											Gam, Border Boat came along & started putting in Dynamite in Main Hatch also
1											Detonators in after Hatch all
2											carefully stowed & thoroughly
3											blocked off.
4											
5											Finished, 2 Kw, Crew Employed
6											rigging out jiboom and getting
7											Ship ready for sea, Securing
8											all movable around the deck
9											
10											Wind still contrary Mr Bell
11											Pilot deciding not to proceed
12											tonight

Draft of Water abt Loaded

Forward 21. 6
Aft 21. 7.

STANCE AT NOON. Anchor Watches Kept

'CE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

T NAME. LANTERNS HUNG OUT

To

Anchor Lamp hung out
From Sunset To Sunrise

Red Light at Foremast Hd & Red Flag during day

Master.

LOG of the *Eutelpi*
From *Glasgow* Towards *Dunedin*

CHIEF OFFICER'S LOG.

Hrs.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
											Sunday June 21st 1896
1											
2											
3											
4											Blowing fresh S.W. unable
5											to proceed today buy ordered
6											for Midnight
7											
8											
9											
10											
11											
12											Monday June 22 - 1896.
1											
2											
3											10am Hove up & proceeded in
4											tow of tug Hercules & Sea
5											with Westerly & W.S.W.
6											
7											
8											
9											
10											
11											All lights kept in proper
12											& ventilators strictly attended

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

ON THE LOOK-OUT NAME. LANTERNS HUNG OUT

From To From To

C Rickard Mate. Wm. H. Banks Master.

LOG of the "Enterprise" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Thursday June 22nd 1876.
1	Sw											
2												
3												3 Craig Abeam Bearing SE
4	WbS			SSW								1 mile, past off buy & proceeded
5												under all sail on Port Tack.
6	"			S.								wind S. & W,
7	WSW											Y. Maidens Bore S.E & 3 miles,
8												tacked to the Eastwd shewery
9	"											wind moderate, at Patent Log
10	SWxW											
11				1								
12												raining heavily, wind unsteady.
1	SWxW											
2												2 am Blackhead Bearing SbyW 1 mile
3	ESE											tacked to the East. 25 miles Pat Log
4	&											raining hard, wind unsteady
5	SWxW											wind shifted to the North. wind
6				Northerly								falling away nearly Calm
7	SbyW											Skull Martin, Bbe, WbS 7½.
8												
9	"			1								Copeland Beamy NWxNbN. Distance 18.
10	SxW											
11	"			Calm								
12	"											All lights lookout pumps &
												Ventilator strictly attended to.

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
			Coasting								

ON THE LOOK-OUT

From	To
6	10
10	12
12	2
2	4
4	6

NAME.

McLeod
Benyon
McCulloch
Thomson
Hunter

LANTERNS HUNG OUT

From Sunset To Sunrise

Richmond Mate. Alex. S. Brooks Master.

LOG of the "Enterprise" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Wednesday June 23rd 1876
1												This day begins with calm
2	C			V								weather, clear & very fine Sea
3												Smooth,
4												
5												S Kull Martin Lightship Bearing
6												NWxN 4 miles
7												
8												Crew employed sending up
9												Royal Yards bending & setting Royals
10												
11												
12												
1												South Rock Lightship Bearing
2	SWxS	1	5	V	5		—	30/10	/	0		NW 5 miles
3		0	5									Calf of Man Bearing SE-½ mile
4		0	5									
5	4	0	5									wind very light & variable
6		0	5			4						nearly Calm at time
7		0	5		1							
8	4	0	5									
9		0	5		1					1		All lights lookout pumps
10		0	5									& Ventilator strictly attended to
11	1	0	5									
12		0	5									

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
			Coasting								

ON THE LOOK-OUT

From	To
8	10
10	12
12	2
2	4
4	6

NAME.

McCulloch
Thomson
McLeod
Benyon
Pedrick

LANTERNS HUNG OUT

From Sunset To Sunrise

Richmond Mate. Alex. S. Brooks Master.

LOG of the 'Enterpe
From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Thursday June 24th 1896.
1	SW×W	1		NNE	0		—	30/10			—	This day begins with light
2		1										Northerly airs clear & very fine
3	"	1				Q.G.						Irish Land all along Starboard
4		1		"	"							beam, sea very smooth.
5		2						"				
6	"	2			1	S.G.						People employed putting on
7		2		"								chafing Gear, also fitting up a
8		2										temporary Main topmast stay & bend
9	"	2				S.K.		"				sail thereon & setting it
10		2		"								
11	"	2			"							
12	SW×W	2		NNE				"				Mid, Cosling Lightship, light Abeam
1		1	½					30/10			—	bearing N W × N, Gentle breeze &
2		1	½		½							very fine weather, wind unsteady
3		1	½	"		Q.G.						in direction, sea smooth,
4	1	1	½									
5		2						"				
6	1	2		"		S.G.						
7		2			"							
8		2				S.K.		"				
9	1	2		1								All light lookouts pumps
10		2			½							& Ventilators strictly attended
11	"	2		1				½			—	
12		2										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
			Coasting								

ON THE LOOK-OUT

From	To
8	10
10	12
12	2
2	4
4	8

NAME.

McLeod
Denton
McCulloch
Robinson
Hunter.

LANTERNS HUNG OUT

From Sunset To Sunrise

C Richmond Mate. Alex'd S. Banks Master.

LOG of the 'Enterpe
From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Friday June 25th 1896
1	Courses	2		NNE	2		—	30/10			—	This day begins with light breze
2		2										from N.E. clear & fine, sea smooth.
3	"	2				Q.G.						cumulus from the N.W.
4		2		1	"							
5		2						"				
6	"	2				S.G.						People variously employed, arranging
7		2										running gear &c
8		2		1								
9	"	2			1	S.K.		"				Carpenter & Sailmaker at their
10		2										respective trades.
11		3		1				"				
12	SW	3		North	"							Gaskar Bearing W × S. 4'.
1		4			3			30/10			—	Blackwater " N × E. 3 Miles
2		4				Q.G.						Lucifer " N W ½ W. 4 "
3	"	4										
4		4		"	4			"				I am flying flag for fisherman
5	WSW	3		NW		S.G.						to come alongside, & Landed
6		3			2							Pilot on board fisherman
7		2				S.K.		"				Corinbey Bearing N W 5 Miles
8	"	2										from which our departure was taken
9	SW	2		1	1			"				All light lookouts pumps &
10		2										Ventilators strictly Attended to.
11	SSW	2		1	"			"			—	
12	"	2										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
			Coasting								

ON THE LOOK-OUT

From	To
8	10
10	12
12	2
2	4
4	6

NAME.

Jas. McCulloch
Robinson
McLeod
Hunter
Jles.

LANTERNS HUNG OUT

From Sunset To Sunrise

C Richmond Mate. Alex'd S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Courses.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air	Temperature Water.	Deviation.	REMARKS, &c.
												Saturday, June 27th 1896
1	Wtw	4		WxW	3		—	30.60	60	58	/	This day begins with light
2		4										to moderate winds from WxW
3	"	4										cloudy & fine, Sea Smooth,
4		4		"	"							
5		4										People variously employed, bent
6	"	4										Main Royal Staysail & set it,
7		4		"								Carpenter & Sailmaker at their
8	"	4			"							respective duties,
9		4										
10		4		"								
11	"	4										
12		4			"							
							3/4	29.97				Mid. continued fine weather
1	Strp	4	½	WxW	3							winds light & moderate, Sea
2		4	½									Smooth, sky cloudy.
3		4	½									
4	"	4	½	"								
5		4	½		"							Decks washed down & all
6	"	4	½	"								Barks - forecastle &c
7		4										
8		4										All lights lookouts pumps
9	"	4		"	"							& Ventilators strictly attended
10		4										
11	"	4		"	"							
12		4										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				North				East			
S81°W.	98.	96	15	49°53'	49°56'	24	7°30	7°14	7°14	25°	—

ON THE LOOK-OUT

From	To
8	10
10	12
12	2
2	4
4	6

NAME.

McLeod
Compton
McCulloch
Thomson
Hunter

LANTERNS HUNG OUT

From Sunset To Sunrise

C Richmond Mate. Alex. S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Courses.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air	Temperature Water.	Deviation.	REMARKS, &c.
												Sunday June 28th 1896.
1	Wtw	6		NW	S		—	30.60	60	54	/	This day begins with good
2		6										breeze from N.W. sky gradually
3	"	6	"	"	"							clearing Sea moderate Swell
4		6	"									from W.W. Main from the Northward
5		6	"									
6	"	6	"	"								
7		6	"		SW							Sunday Respected.
8		6	"									
9	"	6	"	"								
10		6	"		"							
11	"	6	"	"								
12	Wtw	6	"	North	6							Continued fresh breeze, weather
1		7										fine & clear, Sea Smooth
2		7										N.W. Swell,
3	"	7		"	"							Several homeward bound
4		7										vessels in sight, to for distant
5		7										to Signal
6	"	7			"							
7		7		"								
8	"	7										All lights lookouts pumps
9		7			"							& Ventilators strictly attended to
10		7										
11	"	7		"								
12		7			"							

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				North				East			
43W	161	118.	105	47°56'	47°84'	161	9°54'	9°55'	9°55'	24°W	—

ON THE LOOK-OUT

From	To
8	10
10	12
12	2
2	4
4	6

NAME.

McCulloch
Thompson
McLeod
McLaughlin

LANTERNS HUNG OUT

From Sunset To Sunrise

C Richmond Mate. Alex. S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Wind Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
												Monday June 29th 1896
1	WbS	6		Northerly	5		—	30/30	60	58	-	This day begins with moderate
2		6										breeze, clear & very fine swell
3		6						.	.	.	.	from the N.W
4	"	6		"	"							
5		6						.	.	.	.	People variously employed
6		6										fitting jib sheets renewing running
7	"	5		"				.	.	.	.	gear &c.
8		5			4							Carpenter & Sailmaker at their
9		5						.	.	.	.	respective duties
10	"	5		"								
11		5			"							
12	"	5						.	.	.	.	
1	WbS	4		Northerly	3			30/30	61	59	-	Wind falling gradually
2		4										lighter, sea becoming very
3	"	4						.	.	.	.	Smooth clouds hanging motionless
4		4			"							in the sky indicative of a
5		4		"								Calm.
6	"	4						.	.	.	.	
7		4										
8	"	4		"				.	.	.	-	All lights lookouts pumps
9		4			1							& Ventilators strictly attended to
10		4						.	.	.	.	
11	"	4		"								
12	"	4			4			.	.	.	-	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 60° W	114'	57'	99	46.56	44.11	145	12.30	12.54	12.54	20°	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 8 To 10	Benson	From Sunset To Sunrise
10 " 12	Thomson	
12 " 2	Pollock	
2 " 4	Iles	
4 " 6	Hunter	

T. Richmond Mate. Alex. S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Wind Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
												Tuesday June 30th 1896.
1	SWbW	3	½	N&E	2		—	30/40	62	60	/	This day begins with decreasing
2		3	½									wind sea smooth clouds very
3		3							.	.	.	slowly moving from the Northward.
4	"	3			"							
5		3							.	.	.	People variously employed
6	"	3		"	"			"				aloft & on deck. bent fine
7		2			1			30/40	.	-	.	weather mainsail & Main T.M.S.S.
8	"	2										
9		2							.	.	.	Carpenter & Sailmaker at their
10		1		"	0.3							respective duties
11	"	1						"	.	.	.	
12	SWbW	1		N&E				30/40				Light airs & calms.
1		2	½		1				.	.	.	breeze again springing up from
2		2	½									the N&E, continued clear & very
3	"	2	½						.	.	.	fine,
4		2	½	"	2			"				
5	"	3	½									
6		3	½						.	.	.	Gradually freshening. Clear & fine
7		4	½	"	3							
8	"	4	½					"	.	.	.	All lights lookouts pumps &
9		5	½		4							Ventilators strictly attended to.
10	"	5	½	"				"				
11	"	5	½		"				.	-	-	
12		5	½	"				"				

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 84° W	76	63	43	45.59	45.56	67	13.52	13.54	13.54	22°	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 8 To 10	Thomson	From Sunset To Sunrise
10 " 12	Pollock	
12 " 2	Benson	
2 " 4	Iles	
4 " 6	McLaughlin	

T. Richmond Mate. Alex. S. Banks Master.

LOG of the 'Europe' From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Wednesday July 1st 18 96.
1	WSW	5		NE	4		—	30/40	60	59	3/4	This day begins with moderate
2		5										breeze from NE clear & very fine
3	"	5										Cumulus clouds from NE.
4	"	5		"	"							Reynalles Barque Berwickshire
5		5										
6	"	5										People employed fitting
7		5		"	"							New Topgall Braces also new
8	"	5										Pennant for fore Top M.S. & Main
9		5										Topmast Staysail.
10	"	5		"								
11		5										
12	WSW	5		NE	5			30/40	60	55	1"	
1		6										Good breeze unsteady in
2		6										direction, increasing slightly
3	"	6		"								in force, weather sky & sea
4		6			"							as above Mentioned.
5		6										
6	"	6		"	"							
7		6										
8	"	6		"	"							All light lookouts pumps
9		6										& Ventilators strictly attended
10	"	6										
11		6										
12	"	6		"	"							

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				North.				West			
S 48° W	130.	87.	98.	44.35	44.30	134.	15.40	16.48	15.42	14 W.	—

ON THE LOOK-OUT

From	To
8	10
10	12
12	2
2	4
4	6

NAME.

Morrison
Macrae
Thomson
Polloch.
McLeod.

LANTERNS HUNG OUT

From Sunset To Sunrise

C Richmond Mate. Alex. J. Banks Master.

LOG of the 'Europe' From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperatures Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Thursday July 2nd 18 96.
1	S SW by W	5		NE	4		—	30/20	61	58	4"	This day begins with moderate
2		5										NE winds clear & fine sea moderate
3		5										Swell from NE. Cumulus from
4	"	5		"	4				"	"	"	NE,
5		4		"								
6	"	4			3				"	"	"	People employed fitting new Main
7		4		"					"	"		Topgall Clewlines also reeving new
8		4			1							Main Topgall & Main Topsail Braces also
9	"	3							"	"	"	setting up head gear.
10		3		"	2				"			
11	"	3								"		Tradesmen at their trades.
12		3		NE	4			30/10	61	57	4"	
1	S SW by W	4			3							Wind unsteady in force,
2		4										continued clear & fine.
3		4							"	"	"	
4		4		"	4							
5		5			4				"	"	"	Wind freshening gradually into
6		5		"					"	"	"	a good breeze, wind & weather as
7		5										Sky as above stated.
8		5			4				"	"	"	
9		5	1/2	"					"			All light lookout pumps &
10		5	1/2		4					"	"	Ventilators strictly attended to
11		5	1/2						"			
12		5	1/2	"						"	"	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				N.	N.			West			
9° W	108	106	4	43.41	43.40	5.	15.45.	15.43	15.43	13 W.	—

ON THE LOOK-OUT

From	To
8	10
10	12
12	2
2	4
4	6

NAME.

Thomson.
Pollok.
Morrison.
McCrae.
McLeod.

LANTERNS HUNG OUT

From Sunset To Sunrise

C Richmond Mate. Alex. J. Banks Master.

LOG of the *Europe* From *Glasgow* Towards *Dunedin*

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Friday July 3d 1846.
1	Dwd	5		NE	4		~	30.67	60	60	8	This day begins with moderate
2		5										wind from NE clear & fine
3		5				Gg		"	"	"	"	cumulus clouds from NE.
4		5										Sea Smooth.
5		5		"	"			"	"	"	"	
6		5				Sgg						People employed reeving
7		5						"	"	"	"	running gear where required
8		5		"	"	Sgg						& otherwise repairing aloft.
9		5										
10		5						"	"	"	"	Tradesmen at their respective
11		5		"	"							duties
12	Dwd	5						30.60	60	60	7 W	
1		6		NE	5							Brisk freshening continued
2		6						"	"	"	"	clear & very fine weather, Sea
3	"	6				Gg						Smooth, NE Swell
4		6						"	"	"	"	
5		6		"	"							
6	"	6				Sgg		"	"	"	"	
7		6										Wind, weather, Sky & Sea as
8		6		"	"	Sgg		"	"	"	"	last mentioned
9	"	6										
10		6						"	"	"	"	All Light Lookout pumps &
11		6		"	"							Ventilators strictly attended to.
12	"	6						"	"	"	"	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 5° W	130.	129	10	40.39	40.57	13.	15.58	15.59	15.59	19° W	—

ON THE LOOK-OUT

From	To
8	10
10	12
12	2
2	4
4	8

NAME.

Morrison
McRae
Thomson
Pollock
Franks.

LANTERNS HUNG OUT

From Sunset To Sunrise

C. Richmond Mate. Alex. S. Banks Master.

LOG of the *Europe* From *Glasgow* Towards *Dunedin*

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Saturday July 4th 1846
1	Dwd	7		NE	6		~	30.00	64	61	7	This day begins with fresh NE
2		7										wind cloudy & fine Sea moderate
3		7		"		Gg		"	"	"	"	Swell from NE, clouds moving
4		7										rapidly from NE.
5		7				Gg						
6		7		"	"			"	"	"	"	People variously Employed
7		7				Sgg						
8		7						"	"	"	"	Carpenter Dilld down aloft also
9		7	12									Steering Gear, Windlass Winches Donkey
10		7	12									Engine &c
11		7	12	"		Sgt						Sailmaker at his trade.
12	Sbyd	7	12	NE	6-4			30.00	65	61	7	
1		7	12									
2		7	12					"	"	"	"	
3		7	12	"		Gg						Continued fresh breeze from NE.
4		7	12									Cloudy & fine, Sea moderate.
5		7	12		"							
6		7	12	"		Sgg		"	"	"	"	Decks washed down forward & all
7		7	12									Berth thoroughly cleaned
8		7	12	"	"							All Light lookout pumps &
9		7	12			Sgt						Ventilators strictly attended to.
10		7	12									
11		7	12	"	"							
12		7	12									

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
10° N.	166.	143.	30.	34.36	34.34	49.	16.14	16.50	16.50	19°	—

ON THE LOOK-OUT

From	To
8	10
10	12
12	2
2	4
4	8

NAME.

McCallum
Thomson
Morrison
Macrae
Pollock.

LANTERNS HUNG OUT

From Sunset To Sunrise

C. Richmond Mate. Alex. S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Courses	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c. Sunday July 5th 1896
1	SW x S	4	4	NE	6-4		~	30/18	61	61	/	This day begins with fresh
2		4	4									breeze from N.E. clear & fine, sea
3	"	4	4			All		"	"	"	"	moderate, Swell rolling up from
4		4	4	"								N.E.
5		4	4									
6	"	4	4		"	Sail		"	"	"	"	People employed working ship
7		4	4	"								otherwise Sunday respected.
8	"	4	4					"	"	"	"	
9		4	4		"	Set						
10	"	4	4	"				"	"	"	—	
11		4	4									
12	SW x S	4	4	Northerly	"			30/18	61	61	/	Sky becoming clouded &
1	"	8			4							overcast, wind gradually
2		8						"	"	"	"	drawing Northerly & N.N.W
3	SW x W	8		"		All						
4		8			"							
5		8						"	"	"	"	
6	"	8		"		Sail						
7		8		N.N.W.	"			"	"	"	"	All lights lookout pumps
8	"	8										& Ventilators strictly Attended to
9		8				Set		"	"	"	"	
10	"	8		"	"							
11		8						"	"	"	"	
12	"	8		"	"			"	"	"	"	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error.	Distance Run per Patent Log.
S 23° W.	186.	171.	45.	34.45	34.43	88.	18.15	18.16	18.16	20 W	—

ON THE LOOK-OUT		NAME.
From 8	To 10	Benson
10	" 12	Hunter
12	" 2	Pollak.
2	" 4	McLeod
4	" 6	Jlles.

LANTERNS HUNG OUT From Sunset To Sunrise

T Richmond Mate. Alexr. S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Courses	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c. Monday July 6th 1896
1	SW x W	8		North	4		~	30/10	65	63	/	This day begins with strong
2		8										Northerly winds, cloudy & fine, sea
3		8		"				"	"	"	"	moderate, N.E swell [illegible]
4	"	8				All						from N.N.E
5		8			"			"	"	"	"	
6	"	8				Sail						People variously employed aloft
7		8		"				"	"	"	"	& on deck miscellaneously.
8	"	8				Set						
9		4			4			"	"	"	"	Carpenter & Sailmaker at their
10		4		"								respective duties
11	"	4			"			"	"	"	"	
12	SW x W	4		N.N.E				30/10	65	63	—	wind rather unsteady in force
1		8			4							
2		8				All		"	"	"	"	
3	"	8		"								Sky clearing wind drawing
4		8						"	"	"	"	more Easterly continued fresh
5		8			"	Sail						breeze, [illegible] from the NE-
6	"	8						"	"	"	"	
7		8		"								
8		8				Set		"	"	"	"	All lights lookout pumps &
9	"	8			4							Ventilators strictly Attended to
10		8		"				"	"	"	"	
11	"	8			4							
12		8		"				"	"	"	"	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error.	Distance Run per Patent Log.
S 31 W	188.	161.	98.	N. 37.07	37.00	115'	20.10	20.07	20.01	20	—

ON THE LOOK-OUT		NAME.
		Jlles
From 6	To 8	Thomson
8	" 10	Pollok
10	" 12	McLeod
12	" 2	McLeod
2	" 4	Benson
4	" 6	McLaughlin

LANTERNS HUNG OUT From Sunset To Sunrise

T Richmond Mate. Alexr. S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Courses	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c. Tuesday July 7th 1896.
1	SWxW	4	½	NE	6-7		—	30/10	70	66	'	This day begins with fresh breeze
2		4	½									from NE. cloudy & fine, sea moderate
3		4	½			All						
4	"	4	½					.	.	.	.	clouds moving from NE.
5		4		"	"							
6	"	4				Sail		.	.	.	.	People variously employing
7		4										reeving new gear also repair
8		4		"				.	.	.	.	aloft &c.
9	"	4			"	Set						
10		4						.	.	.	.	Carpenter & Sailmaker at their
11	"	4		"								respective duties
12	SW	4		NE	"			.	.	.	.	
								30/10	71	67	'	
1		6			6							
2		6	½									
3		6	½	"		All		.	.	.	.	Continued good breeze
4	"	6	½									very unsteady in force,
5		6	½		"			.	.	.	.	sky clouded & overcast,
6	SWxW	6	½	"		Sail						sea moderate,
7		6	½					.	.	.	.	Outward bound vessel in
8		6	½	"	"	Set						sight ahead,
9	"	6	½					.	.	.	-	
10		6	½		"							All light lookouts pumps
11	"	6	½	"				.	.	.	.	& Ventilators strictly attended
12	"	6	½		"			.	.	.	-	to.

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				S			West			Error	
S 39° W	164.	143	80.	29.39	29.35	91.	21.40	21.38	21.38	20° W	

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Thomson	From Sunset To Sunrise
8 - 10	McCrae	
10 - 12	Sidgreaves	
12 - 2	Pollok	
2 - 4	McLeod	
4 - 6	Jiles.	

C Richmond Mate. Alexr. S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Courses	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c. Wednesday July 8th 1896.
1	SWxS	4		NE	6		—	30/10	71	66	'	This day begins with fresh NE
2		4										trade wind cloudy & fine sea
3	"	4				All		.	.	.	.	moderate, cumulus strata from NE
4		4		"	"							
5		4						.	.	.	.	People variously employed repairing
6	"	4										aloft & on deck
7		4		"		Sail		.	.	.	.	
8		4			"							Carpenter employed making new
9	"	4						.	-	-	.	cleats for fore topsail braces
10		4		"		Set						
11	"	4			"			.	-	-	.	Sailmaker repairing sails
12	SW	4		NE	6			30/10	70	66	'	
1		4										
2		4						"	"	"	.	
3	"	4		"	"	All						Light fine weather fore & main
4		4						.	.	.	.	lower topsails, also fore upper topsail
5		4										& fore top gall. sail.
6	"	4		"	"	Sail		.	-	-	.	
7		4										Wind & weather &c as above
8	"	4				Set		.	.	-	.	throughout the remainder of the day
9		4		"	"							
10	"	4						.	-	.	.	All lights lookouts pumps &
11		4		"	"							Ventilators strictly attended to.
12	"	4						.	-	-	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation.~~	Distance Run per Patent Log.
								West		Error	
S 23° W.	168.	154	64.	27.06	27.05.	71	22.56	22.53	22.53	20° W	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Morrison	From Sunset To Sunrise
8 - 10	Thomson	
10 - 12	Pollok	
12 - 2	Callygin	
2 - 4	McCrae	
4 - 6.	McLeod	

C Richmond Mate. Alexr. S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Thursday July 9th 1896

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation
1	SWbS	7		NE	6			30/10	75	70	
2		7									
3		7						"	"	"	
4		7		"	"						
5	"	7						"	"	"	
6		7			"						
7		6			5			"	"	"	
8	"	6		"							
9		6						"	"	"	
10	"	6			"						
11		6		"				"	"	"	
12	SWbS	6		NE	"			30/10	75	70	
1		5			4						
2		5						"	"	"	
3	"	5		"							
4		5			"			"	"	"	
5		5									
6	"	5						"	"	"	
7		5		"	"						
8	"	5						"	"	"	
9		5									
10		5		"	"			"	"	"	
11	"	5									
12		5		"				"	"	"	

REMARKS, &c.

This day begins with fresh NE trade wind, clear & fine, sea moderate,

People variously employed aloft & on deck: reeving new Fore T. Gall Buntlines.

Carpenter making leads for braces

Sailmaker repairing sails

wind gradually falling light steady in direction sky cloudy & overcast, clouds from NE

All lights lookouts pumps & Ventilators strictly attended to

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation.~~ Error	Distance Run per Patent Log.
S 33° W	140	116	77	25.10	25.07	85	24.19	24.21	24.21	19° W	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Thomson	From Sunset To Sunrise
8 " 10	McCrone	
10 " 12	Sidygreave	
12 " 2	Pollok	
2 " 4	McLeod	
4 " 6	Jles	

T Richmond Mate. Alex. S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Friday July 10th 1896

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation
1	SW	6		NbE	5.4			30/10	72	68	
2		6									
3		6	½					"	"	"	
4	"	6	½		"						
5		6	½	"				"	"	"	
6	"	6	½		6						
7		7						"	"	"	
8		7		"							
9	"	7			"			"	"	"	
10		7									
11	"	7		"				"	"	"	
12		7		NbE	"			30/10	71	67	
1	SW	7									
2		7						"	"	"	
3		7									
4	"	7		"	"			"	"	"	
5		7						"	"	"	
6		7		"							
7	"	7			"			"	"	"	
8		7									
9	"	7		"				"	"	"	
10		7			"						
11		7		"							
12	"	7			"			"	"	"	

REMARKS, &c.

This day begins with fresh NE trade wind, cloudy & overcast, weather fine, sea moderate,

People employed renewing the Running Gear where required rove new fore top Gall Clew line also main topsail Spilling line & top Gall Sheets

Carpenter finished Leads for fore Braces

Sailmaker repairing sails.

Strong trade wind, unsteady in direction, gusty at times

All lights lookout pumps & Ventilators strictly attended to

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation.~~ Error	Distance Run per Patent Log.
S 26° W	164	147	75	22.43	22.40	79	25.40	25.44	25.44	19° W	

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Jles	From Sunset To Sunrise
8 " 10	McLeod	
10 " 12	Bedwell	
12 " 2	McLeod	
2 " 4	Benson	
4 " 6	McCulloch	

T Richmond Mate. Alex. S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Saturday July 11th 1896

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
1	SW½S	4		NbE	6		—	30/10	74	69	–	This day begins with fresh NE
2		4										trade wind sky clouded & overcast
3	"	4				All		"	"	"	"	weather fine, sea moderate, NE
4		4		"	"							swell, clouds drawing from NE.
5		4						"	"	"	"	
6	"	4				Sail						People variously employed aloft
7		4						"	"	"	"	& on deck.
8		4		"	"	Set						
9	"	4										Carpenter oiled down aloft also all
10		4		"				"	"	"	"	winches, windlass steering gear & donkey
11	"	4										
12		4		"	6-4			30/10	70	68	–	
1	SWbS	4	½	ENE								Sailmaker repairing sail
2		4	½					"	"	"	"	
3		4	½			All						Continued strong trade wind
4	"	4	½		"							gusty at times, sky clouded & overcast
5		4	½	"				"	"	"	"	
6	"	4	½			Sail						Decks & Paintwork washed & all
7		4	½	"	"	Set		"	"	"	"	Berths &c thoroughly cleansed
8	"	4	½									
9		4	½					"	"	"	"	
10	"	4	½	"	"			"	"	"	"	All light lookouts pumps &
11		4	½									Ventilators strictly attended to.
12	"	4	½	"				"	"	"	"	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation.~~ Error	Distance Run per Patent Log.
S 20° W	173'	163.	58.	19.59	20.07 N	63	26.44	26.47 West	26.48	19 W	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Pollok	From Sunset To Sunrise
8 " 10	McCrae	
10 " 12	Sidgreave	
12 " 2	McLeod	
2 " 4	McLaughlin	
4 " 6	Morrison	

O Richmond Mate. Alexr S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Sunday July 12th 1896

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
1	SbW	4	½	ENE	4		—	30/12	76	70	5E	This day begins with strong trade
2		4	½									wind, drawing Easterly sky
3		4	½			All		"	"	"	"	clouded, weather fine, sea mod-
4	"	4	½	"								
5		4	½		"			"	"	"	"	
6		4	½			Sail						Sunday Respected
7	"	8		"				"	"	"	"	
8		8		East								
9		8			"	Set						
10	"	8						"	"	"	"	
11		8		"								
12	"	8		"				76	76	70	5E	
1	SbW	8		East	4							Continuation of above stated
2		8						"	"	"	"	wind & weather throughout
3		8										the remainder of this day.
4	"	8		"	"	All		"	"	"	"	
5		8										
6		8				Sail		"	"	"	"	
7		8		"								
8	"	8			"			"	"	"	"	All light lookouts pumps &
9		8				Set						Ventilators strictly attended to
10	"	8		"				"	"	"	"	
11		8										
12	"	8		"	"			"	"	"	"	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation.~~ Error	Distance Run per Patent Log.
S 0° E	189'	189	0.47	16.44 North	16.44	8'	26.36	26.38 West	26.38	4. W	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	McCrae	From Sunset To Sunrise
8 " 10	Pollok	
10 " 12	McLeod	
12 " 2	Sidgreave	
2 " 4	Morrison	
4 " 6	McLaughlin	

O Richmond. Mate. Alexr S. Banks Master.

LOG of the "Enterpi" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Courses.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Monday July 13th 1896.
1	South	4		E×S	6		—	29½	74	70	5E	This day begins with strong
2		4										trade, wind well Easterly, Sky g
3		4		"				"	"	"	"	Overcast, Sea moderate, Clouds
4	"	4		"	"			"	"	"	"	from the Eastw., NE. Swell
5		4		"				"	"	"	"	
6	"	4		ESE.	"			"	"	"	"	People variously employed rep
7		4			5			"	"	"	"	aloft, rove new Main lower topsail
8		4		"				"	"	"	"	24 fathoms.
9	"	4						"	"	"	"	
10		4		"	"			"	"	"	"	Carpenter & Sail maker at th
11	"	4						"	"	"	"	respective duties
12		4		East				29½	74	70	5E	
1	South	5	½		4-5			"	"	"	"	
2		5	½					"	"	"	"	Wind decreasing in force &
3		5	½	"				"	"	"	"	veering Northerly gradually,
4		5	½	ESE	"			"	"	"	"	Sky clouded & overcast.
5	"	5	½					"	"	"	"	
6		5	½	"				"	"	"	"	
7	"	5	½	SE	"			"	"	"	"	All light lookouts pumps
8		5	½					"	"	"	"	Ventilators strictly Attended
9		5	½					"	"	"	"	
10	"	5	½	"	"			"	"	"	"	
11		5	½	NNE	"			"	"	"	"	
12	"	5	½					"	"	"	"	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
								Prest		Error	
S 14°E	144.	140.	34.	14.39	14.01	35	26.00	26.01	26.01	4W.	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Sweedie
McLeod
Benson
Whitelaw
Thomson
Hunter.

LANTERNS HUNG OUT

From Sunset To Sunrise

C Richmond Mate. Alex. S. Barker Master.

LOG of the "Enterpi" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Tuesday July 14th 1896
1	South	5		Northerly	4		—	29½	75	70	—	This day begins with moderate
2		5										Northerly wind, clear of the Sea
3		5		/				"	"	"	"	Smooth, clouds moving slowly from
4	"	5		4	"			"	"	"	"	the North'd
5		5						"	"	"	"	
6		5						"	"	"	"	People variously employed
7	"	5		4	"			"	"	"	"	repairing aloft & on deck.
8		5										
9		5						"	"	"	"	Carpenter making block.
10	"	5		4	"			"	"	"	"	Sailmaker repairing sails
11	"	5						"	"	"	"	
12	South	5		Northerly	S.W			29½	76	71	—	
1		4	½									Wind moderated to full light
2		4	½					"	"	"	"	very unsteady in force &
3		4	½					"	"	"	"	direction, appearance from
4	"	4	½	4	"			"	"	"	"	the Sun
5		4	½					"	"	"	"	
6		4	½									
7	"	4	½	4	"			"	"	"	"	All light lookouts pumps
8		4	½									& Ventilators strictly attended
9	"	4	½	"	"			"	"	"	"	to.
10		4	½					"	"	"	"	
11	"	4		4	"			"	"	"	"	
12		4						"	"	"	"	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
										Error	
S°W	113.	111.	21	15.38	15.36	25.	25.37	25.38	25.38	15 W	

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Thomson
Bedwell
McCulloch
Sidgreaves
Hs
Sweedie

LANTERNS HUNG OUT

From Sunset To Sunrise

C Richmond Mate. Alex. S. Barker Master.

LOG of the

From *Towards*

CHIEF OFFICER'S LOG.

Hrs.		Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c. 18
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

ON THE LOOK-OUT		NAME.	LANTERNS HUNG OUT	
From	To		From	To

Mate. *Master.*

LOG of the

From *Towards*

CHIEF OFFICER'S LOG.

Hrs.		Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c. 18
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

ON THE LOOK-OUT		NAME.	LANTERNS HUNG OUT	
From	To		From	To

Mate. *Master.*

LOG of the "Eutelpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Wednesday July 15th 1896
1	S×W	3		Northerly	2		—	3/4	76	70	—	This day begins with by
2		3										northerly airs gradually da
3		3										Easterly & all Sky clouded
4	1	3										over East,
5		2		1								
6	"	2		NE	1							People variously employed
7		2										repairing aloft & on deck.
8		2										
9	"	1		ENE	0.1							Carpenter making Block
10		1										Sailmaker repairing Sails
11		1										
12	6 p.m	1		East				3/4	76	70	—	
1		1										Wind becoming very light
2		1										also variable in direction
3	1	1		ENE	1							Sky heavy & clouded in
4		1										appearance, every indication of
5		2										rain, & variable weather.
6	1	2		E								
7	S×W	2										Spoke Ship Port Jackson 19 days
8		2										from Rotterdam towards Adelaide
9	1	2		ENE								
10		2										All lights lookout pumps
11	1	2		1								Ventilators strictly attended to
12		2										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error	Distance Run per Patent Log.
S 11 E	45.	44.	08.8	11°49	—	9	28°38	No Sun.		19°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Tweedie
McLeod
Benson
Whitelaw
Thomson
Hunter

LANTERNS HUNG OUT

From Sunset To Sunrise

J Richmond Mate. Alex. S. Banks Master.

LOG of the "Eutelpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Thursday July 16th 1896
1	S×W	2		SW	1		—	3/4	77	74	—	This day begins with light
2		2										airs from SW, clouded & overcast
3		2										Sea smooth, clouds from SW.
4	"	2										
5		2		1	1							People variously employed
6		2										repairing aloft & on deck.
7		2										
8		2		1/2	1/2							Carpenter & Sailmaker at
9		2										their respective duties
10		2		1	1							
11		2										
12	S×W	2	4	SW	1/2			3/4	77	74	—	
1		2	4									continued light variable
2		2	4									winds principally SW
3	1	2	4	1/2	1							pregnant showers sky assuming
4		2	4									a dull leaden appearance
5	1	2	4									indicative of rain
6		2	4	1	1							
7		2	4									Several sail in sight
8	1	2	4	1/2	1/2							
9		2	4									All lights lookout pumps
10		2	4		1							& Ventilators strictly attended to
11	1	2	4	1/2	1/2							
12		2			1							

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error	Distance Run per Patent Log.
S 41 E	271.	40'	35'	11°10'	11°05'	36'	24°53	24°54	24°52	11°W	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McLeod
Tweedie
Whitelaw
Benson
Hunter
Thomson.

LANTERNS HUNG OUT

From Sunset To Sunrise

J Richmond Mate. Alex. S. Banks Master.

LOG of the "Enterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Friday July 17th 1896.
1	S8E	2		Northerly	1		—	29/10	49	46	—	This day begins with rainy
2		2		"								& very variable weather
3	"	2		"				"	"	"	"	very light variable winds
4		2										
5	"	2	½	SW	1-2			"	"	"	"	People variously employed
6	ESE	2	½									cleaning paintwork &c
7		2	½					"	"	"	"	
8	"	2	½	"								Carpenter & Sail maker
9		2	½	"	1			"	"	"	"	at their respective duties
10	SSE	2	½	NW								
11		2	½					"	"	"	"	
12	"	2	½		"			29/10	49	46	—	
1	SSE	2	½	Northerly	1-2							Light Northerly winds
2		2	½					"	"	"	"	frequent showers,
3	"	2	½									
4		2	½	"	"			"	"	"	"	Steamed Barque Alice Mew
5		2	½									25 days from London towards Iquiqui
6	SxE	2	½	"	"			"	"	"	"	
7		2	½	"								
8	"	2	½					"	"	"	"	
9	South	2	½	"	"			"	"	"	"	All light lookout pumps
10	"	2	½	"								& Ventilators strictly attended to
11		2	½		"							
12	"	2	½	"				"	"	"	"	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error	Distance Run per Patent Log.
				S.				Prev			
S45E	58	41	40	10 59	10 21	41	24 11	24 13	24 13	18	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Sweeden
McLeod
Benton
Whitelaw
Thomson
Hunter

LANTERNS HUNG OUT

From Sunset To Sunrise

O Redmond Mate. Mark S. Banks Master.

LOG of the "Enterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Sunday July 19th 1896.
1	SExS	4		SWS	3		—	29/10	48	49	—	This day begins with light
2		4										breeze & many away from
3		4						"	"	"		SW squally at intervals
4	"	4										with rain, Swell from the SSW
5		4		"	"							clouded forecast.
6	"	4						"	"	"		
7		4			3-4							
8	"	4	½	"				"	"	"		Sunday respected.
9	"	4	½									
10		4	½		"			"	"	"		
11	"	4	½	"								
12	SSE	4	½	SW				29/10	46	49	—	Sky clearing squalls less
1		4	½									frequent, pleasant breeze
2		4	½		"			"	"	"		Swell continuing from S.S.W
3	"	4	½									clouds from S.W. wind
4		4	½	"								unsteady in direction
5	"	4	½		"			"	"	"		
6	SExS	4	½									
7		4	½	"								
8	"	4	½		"			"	"	"		All light lookout pumps
9	"	4	½									& Ventilators strictly attended to
10	SSExS	4	½	"	"							
11		4	½									
12	"	4	½	"				"	"	"		

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error	Distance Run per Patent Log.
SE	107	60	88	6.58	8.59	85	22 41	22 43	22 43	22	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McLaughlin
Morrison
McLeod
Bedwell
McCulloch
McRae

LANTERNS HUNG OUT

From Sunset To Sunrise

O. Richmond Mate. Mark S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
												Saturday July 18th 1896.
1	S½E	3		SW			—	30/10	79	76	—	This day begins with lig[ht]
2		3										SW wind becoming vari[able]
3	″	3		Variable	Light	All Sail		.	.	.	.	& unsteady in both force &
4		3										direction, squally with ra[in]
5		3						.	.	.	.	at Intervals.
6	″	3										
7		3						.	.	.	.	People cleaning Paintwo[rk]
8	″	3										
9		3						.	.	.	.	Carpenter & Sailmaker at th[eir]
10	″	3										respective duties
11		3										
12	″	3						30/10	79	76	—	
1	S½E	2										continued very variab[le]
2		2						.	.	.	-	weather & winds cloudy
3		2		Variable	Light	All Sail						at times, rain
4	ESE	2						.	.	-	-	
5	West	2										Tacked ship to West'd.
6	.	2						.	.	-	.	
7		2										
8	WNW	2						.	.	.	.	All lights lookout pum[ps]
9		2										& Ventilators strictly attende[d]
10	″	2						.	.	-	-	
11	NW	2										
12	″	2						.	.	.	-	Tacked to the East'd.

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation.~~ Error	Distance Run per Patent Log.
S 11 E	29	29.	5.	N. 10.0		5.	34.06			19.[illegible]	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	McLeod	From Sunset To Sunrise
8 " 10	Freddie	
10 " 12	Benson	
12 " 2	Hunter	
2 " 4	Whitelaw	
4 " 6	Thomson	

C. Richmond Mate. [illegible] Master

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
												Monday July 20th 1896
1	SE×S	4		SWy	3		—	30/10	78	74	7w	This day begins with moderate
2		4										breeze from SWy direction, unsteady
3		4				All Sail						in direction, weather very fine
4	″	4			″			″	.	.	.	sky clear, sea smooth,
5		4		″								
6	″	4							.	.	.	People employed repairing aloft
7		4										also renewing gear, bent 2nd
8		4		″	″			″	.	.	.	best Mn Top Gall. Sail.
9	″	3										
10		3						″	.	.	.	Carpenter at his trade.
11		3										
12	SE×S	3		SWy	3			30/10	79	74	7w	
1		4										continued light to moderate
2		4						.	.	.	.	winds still in the SWy direct[ion]
3	″	4		″	″	All Sail						unsteady in direction, weather
4		4						″	.	.	.	sky & sea as above stated;
5		4										
6	″	4		″					.	.	.	Sailmaker repairing Sails
7		4			″			″				
8		4		″					.	.	.	
9	″	4										All lights lookout Pumps
10		4			″			″	.	.	.	& Ventilators strictly attended to
11	″	4		″								
12		4						.	.	-	.	

~~BEARING & DISTANCE AT NOON.~~ Current N 74 E. 43 miles

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation.~~ Error	Distance Run per Patent Log.
S 61 E.	92	43.	81	8.15	8.24	81.	21.50	20.40	20.40	28.[illegible]	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Thomson	From Sunset To Sunrise
8 " 10	Pollock	
10 " 12	McLeod	
12 " 2	Sedgreave	
2 " 4	Jiles	
4 " 6	McLaughlin	

D. Richmond Mate. Alex. S. Banks Master.

LOG of the Euterpe
From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air	Temperature Water.	Deviation.	REMARKS, &c.
												Tuesday 21 July 1896.
1	S.E.	3		S'wy	2		~	29½	49	44	4°	This day begins with light S'wy winds clear of fine, sea smooth, ships with little or no motion,
2		3						"	"	"	"	
3	"	3		"		C		"	"	"	"	
4		3		"	4	C		"	"	"	"	
5	"	2		"		C		"	"	"	"	
6		2		"		C		"	"	"	"	People variously employed
7	"	2				C		"	"	"	"	aloft + on deck.
8		2		"								
9	S.S.E.	2	½		1	C		"	"	"	"	Carpenter + Sail maker at
10		2	½	"		C						their respective duties
11	"	2	½									
12		2	½	S'wy	"			29½	49	44	4°	
1	S.E.×S.	3			2							
2		3						"	"	"	"	Continued light unsteady
3		3		"								winds throughout the remainder
4	"	3			"	C		"	"	"	"	of this day.
5		2	½	"		C						
6	"	2	½			C		"	"	"	"	
7		2	½	"		C						
8	S.S.E.	2	½		1			"	"	"	"	All lights lookouts pumps
9		2	½			C						+ Ventilators strictly attended
10	"	2	½	"				"	"	"	"	to.
11		2	½		"							
12	"	2	½	"				"	"	"	"	

BEARING & DISTANCE AT NOON. Current S 62 E 30 Miles

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 53° E	69.	38.	49.	7.44	7.55	49.	19.10	19.33	19.33	19°	—

ON THE LOOK-OUT

From	To
6	8
8	" 10
10	" 12
12	" 2
2	" 4
4	" 6

NAME.

Whitelaw
Morrison
Cullyer
Thomson
Pollock
McCrae

LANTERNS HUNG OUT

From Sunset To Sunrise

E. Richmond Mate. Alex. Banks Master.

LOG of the Euterpe
From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air	Temperature Water.	Deviation.	REMARKS, &c.
												Wednesday July 22nd 1896.
1	S.S.E.	4		S.W.	3		~	29½	49	44	6°	This day begins with moderate
2		4										winds from S.W. sky clouded
3	"	4		"		C		"	"	"	"	over cast light Southerly Swell,
4		4		"		C		"	"	"	"	Sea otherwise moderate,
5	"	4		"	"							
6		4		"	"	C		"	"	"	"	People variously employed
7	"	4				C		"	"	"	"	overhauling blocks &c
8	"	4		"								
9	S.S.E.	4	½		"	C		"	"	"	"	Carpenter + Sailmaker at their
10		4	½			C						respective trades.
11	"	4	½	"								
12		4	½	"				29½	49	44	4°	
1	"	4		S.W.	3.4		~					
2		4						"	"	"	"	Continued S.W. monsoon
3		4										cloudy + fine, frequent showers
4	S.S.E.	4		"	"	C	"	"	"	"	"	Sea moderate, Southerly Swell,
5		4	½			C						
6	"	4	½			C		"	"	"	"	One Ship + 9 Barques in sight
7		4	½	"		C	"					standing to the Westward
8		4	½		"	C		"	"	"	"	
9	"	4	½			C						All lights lookouts pumps
10		4	½	"		C	"	"	"	"	"	+ Ventilators strictly attended to
11	"	4	½		"							
12		4	½					"	"	"	"	12 Sailed Ship to the Westward

BEARING & DISTANCE AT NOON. Current S 48 E 40 Miles

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
46° E	109.	71	73	6.24	6.16	73.	18.30	17.41	17.41	20°	—

ON THE LOOK-OUT

From	To
6	8
8	" 10
10	" 12
12	" 2
2	" 4
4	" 6

NAME.

McLeod
McCulloch
Goudie
Benson
Hunter
Whitelaw

LANTERNS HUNG OUT

From Sunset To Sunrise

E. Richmond Mate. Alex. Banks Master.

LOG of the *Euterpi*

From *Glasgow* Towards *Dunedin*

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Thursday July 25th 1896
1	WNW	4	½	SW	4		—	29/10	79	74	/	This day begins with fresh SW
2		4	½									Monsoon sky clouded clear at
3	"	4	½			GG		"	"	"	"	intervals, upper strata of clouds
4	"	4	½			GG						from S. lower strata from SW.
5	"	5		W	4	SGG		"	"	"	"	Sea moderate.
6		5				SGG						
7		5				SGG		"	"	"	"	People employed overhauling
8	"	5				SGG						blocks & other sundry jobs.
9		6		W	5	SGK		"	"	"	"	
10	"	6										Carpenter & Sailmaker at
11		6						"	"	"	"	their respective trades.
12	"	6			4							
1	WxN	5		SWxW	4			29/10	79	74	/	
2		5										Continued SW Monsoons
3		5				GG		"	"	"	"	cloudy & fine, frequent showers
4	"	5			4	GG						Sea, &c as above stated.
5		5		W		SGG		"	"	"	"	
6	"	5				SGG						Several sail in sight to Leew
7		5			4			"	"	"	"	
8	"	5				SGK						All light lookout pumps
9	"	5		W		SGK		"	"	"	"	& Ventilators strictly attended
10	"	5			4							
11		5						"	"	"	"	
12	"	5		W								

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				N				West.			
S.85E	122.	12.	121	6°4	6°8	121.	19°40	19°44.	19°44	22°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Thomson
Sidgreen
Hunter
Bedwell
McCulloch
McCrae

LANTERNS HUNG OUT

From *Sunset* To *Sunrise*

C Richmond Mate. *Alex. S. Banks* Master.

LOG of the *Euterpi*

From *Glasgow* Towards *Dunedin*

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Sunday July 26th 1896.
1	bW.W	3		SxW	2		—	29/78	74		/	This day begins with light SxW
2		3										wind, hooked Obs at noon, sea smooth
3		3				GG						sky clear, light cumulus clouds
4	"	3		W	"	GG		"	"	"	"	from the SE.
5		3	+			SGG						
6	"	3	+		3	SGG		"	"	"	"	Sunday Respected
7		3	+	"								
8	"	3	+			SGK		"	"	"	"	
9		4			"							
10		4		W				"	"	"	"	
11	"	4										
12	SWxW	4		SxW	3			29/78	74		/	breeze freshening a little
1		4										Continued fine & clear weather
2		4										sea smooth & cumulus clouds moving
3	"	4		W	"	GG						slowly from the SE.
4		4										
5	"	4				SGG		"	"	"	"	
6	"	4		W	"	SGG						
7		4										
8	"	4				SGK		"	"	"	"	All light lookout pumps &
9	"	4		W	"							Ventilators strictly attended to.
10	"	4										
11		4						"	"	"	"	
12	"	4		W	"							

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Error.	Distance Run per Patent Log.
				N				Fast			
SW	90.	46.	48.	4°02	4°04	46	19°40	19°46	19°46	18m	— —

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McLeod
Thomson
Pollock
Benson
Hunter
McLeod.

LANTERNS HUNG OUT

From *Sunset* To *Sunrise*

C Richmond Mate. *Alex. S. Banks* Master.

LOG of the "Enterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Monday July 27th 1896
1	SW×W	4		SE×S	3		—	30/	48	44	—	This day begins with mod
2		4										to light SE & SSE winds clear
3		4				Gt		"	"	"	"	& fine, sea smooth, clouds mov
4	1	4		1								from the S.E.
5		4			1	Sail		"	"	"	"	
6		4										Rope employed overhauling
7	1	4		1				"	"	"	"	all Blocks & other sundries
8		4				Sail						
9		3			2			.	.	.	.	Carpenter & Sailmaker at their
10	1	3		1								trade,
11		3						.	.	.	.	
12	SW×W	3		SE×S	1			30/	48	44	—	
1		3										
2		3						"	"	"	"	
3	1	3		1	1							continued light & moderate
4		3				Gt						winds, clear & very fine
5		4			3			"	"	"	"	clouds from SE, Sea Smooth,
6	1	4		1								
7		4			1	Sail		"	"	"	"	
8		4										
9	1	4		1		Sail		"	"	"	"	All light lookout pumps
10		4			1							& Ventilators strictly attended
11	1	4		1				"	"	"	"	
12		4			1							

BEARING & DISTANCE AT NOON. Current set 9° Westerly

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error	Distance Run per Patent Log.
S 42 W	88	65	59	3·52	3.05 N.	60	21.46	20 55	20 58.	14½	—

ON THE LOOK-OUT

From		To	
	6	8	McLeod
	8	10	McLeod
	10	12	Benson
	12	2	McLaughlin
	2	4	Bedwell
	4	6	Jles

NAME.

LANTERNS HUNG OUT From Sunset To Sunrise

O Richmond Mate. Alex. S. Banks Master.

LOG of the "Enterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Tuesday July 28th 1896
1	WSW	4		Southerly	3		—	30/	48	43	11	This day begins with moderate
2		4										winds, more Southerly, clear &
3		4				Gt						very fine Upper Strata of cumulo
4	1	4		1	1			"	"	"	"	clouds from the S.E. Lower Strata
5	W×S	4										from the S.W. Sea Smooth.
6		4				Sail						
7	1	4		1				.	.	.	.	Crew variously employed overhau
8		4										-ing Rigging, Cargo Block
9	1	4			1	Sail		.	.	.	.	& other sundry Jobs.
10	West	4		1								
11		4						.	.	.	.	
12	1	4		Southerly	3			30/	48	43	11	
1	W×S	4										Continued Southerly winds
2		4						"	"	"	"	moderate & very fine weather
3		4				Gt						Sea Smooth,
4	1	4		1	1							
5		4				Sail		"	"	"	"	
6	1	4		1	1							Readiness at their respective
7		4				Sail						duties
8	1	4						.	.	.	.	
9		4		1								
10	1	4			1			.	.	.	.	All light lookout pumps
11		4		1								& Ventilators strictly attended to
12	1	4						.	.	.	.	

BEARING & DISTANCE AT NOON. Current set 13° Westerly

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error	Distance Run per Patent Log.
S 49 W	96'	38	89.	2·24	2·36 N.	40.	22·24	22.36	22.36	11° —	—

ON THE LOOK-OUT

From		To	
	6	8	Benson
	8	10	Jles
	10	12	McLeod
	12	2	McLaughlin
	2	4	Hunter
	4	6	Bedwell

NAME.

LANTERNS HUNG OUT From Sunset To Sunrise

O Richmond Mate. Alex. S. Banks Master.

LOG of the 'Eutcrpi' From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Wednesday July 29th 1896
1	West.	3		SbW	2		—	30/78	74		—	This day begins with light
2		3										SbW moderate, wind inclining
3		3										to fall away, sea smooth
4	"	3			"							clouds little or no motion
5		2		"	"	Sails						
6		2										People variously employed
7	"	2										at various job aloft & on deck
8		2		"	"							
9	"	1			0-4							Carpenter & Sailmaker at
10		1										their respective duties
11		1										
12	"	1		SbW	1			30/78	74		—	
1	WbS	1										
2		1										
3		1			1							very light airs from
4	"	1										the S.S.W. unsteady
5		2		"	1							weather clear & very fine
6	"	2				Sails						sea smooth,
7		2		"	"							sky becoming overcast &
8	"	2										clouded, little breeze gradually
9		2	4									making.
10		2	4	"	"							
11	"	2	4									All light lookout pumps
12		2	4	"	"							& Ventilators strictly attended to

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 45° W	46	13	44	2 13		45	20 20	Noon		17° W	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Thomson
Sidgreaves
Giles
Pollock
McLeod
McLeod

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex. S. Bain Master.

LOG of the 'Eutcrpi' From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Thursday July 30th 1896
1	SbW	3		Southerly	2		—	29/75	72	15°		This day begins with light
2		3										Southerly winds, clear & cloudless
3	"	3				Sails						fine weather, sea smooth, with
4	"	3			1							slight Southerly swell,
5	WSW	4		"	3	Sails						
6	"	4										People variously employed
7		4		"								overhauling all blocks aloft on
8	"	4			"	Sails						deck, & other sundries
9	"	4		"								
10		4			"							
11	"	4		"								
12	"	4						29/74	71	15°		mid-continued light to mod
1	SbW	3		Southerly	2							Southerly winds, unsteady in
2		3										force & direction, weather, sea
3	"	3		"		Sails						sky &c as above stated,
4	"	3			"							
5	SW	3		SbE	"	Sails						Carpenter & Sailmaker at
6		3										their respective duties
7	"	3			"							
8	"	3		"		Sails					14°	
9	SW×S	3										All lights lookouts pumps
10	"	3		"	"							& Ventilators strictly attended to
11		3										
12	"	3		"	"							

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N 48 W	78	52	58	1°15'	1°20'	89	24°12'	24°11'	24°11'	14° W	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McCrae
Forgedice
Thomson
Sidgreaves
Johnson
Whitelaw

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex. S. Bain Master.

LOG of the *Euterpe*

From *Clayton* Towards *Dunedin*

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Friday July 31st 1896.
1	SW	4		SSE	3		—	30	48	1/2	13	This day begins with gradually
2		4			"							increasing Trade wind, clear
3		5			"							& fine, Sea moderate, cumulus
4	"	5			4							clouds from the S.E.
5		6		"	"							
6		6			5							People variously employed
7	"	6										repairing aloft & on deck.
8		6		"	"							
9		6										
10		6										
11	"	6		"	"							
12	SW×S	6		SSE	5			30	48	1/2	13	Fresh breeze, clear & fine
1		6										Sea moderate, cumulus
2		6										from the S.E.
3	"	6		"	"							
4		6										
5		6										Carpenter & Sailmaker
6	"	6										at their respective trades
7		6	2	"	"							
8	"	6	2									
9		6	2									
10		6	2	"	"							All light look out pumps
11	"	6	2									& Ventilators strictly attended to
12		6	2	"	"							

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				S.	S.					E'ly	
S35W	141.	116	80.	0-36	0-37	80.	25-31	25-28	25-31	14°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Thomson
Sidgreave
Iles
Pollock
McLeod
McLeod.

LANTERNS HUNG OUT

From *Sunset* To *Sunrise*

T Richmond Mate. *Alex. S. Banks* Master.

LOG of the *Euterpe*

From *Clayton* Towards *Dunedin*

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Saturday August 1st 1896.
1	S×E½E	6		SE	5		—	30	44	1/2	14°	This day begins with fresh SE
2		6										trade wind clear & fine, greasy
3		6							"	"	"	at times, nasty Southerly swell
4	"	6										causing vessel to dive heavily
5		6		"	"				"	"	"	
6		6										People variously Employed
7	"	6	2						"	"	"	Tradesmen at their trades.
8		6	2	"	"							
9		6	2									
10	"	6	2						"	"	"	
11		6	2									
12	SSW	6	2	SE	6			34	44	1/2	14	Freshening into strong breeze
1		7										continued clear, high Southerly
2		7							"	"	"	Sea getting up vessel diving
3	"	7		"	"							& labouring heavily
4		7										
5		7										Deck washed down & all
6	"	7		"	"							Berths, forecastle & thoroughly
7		7										cleansed.
8		7										Carpenter oiled down aloft also
9	"	7		"	"							steering Gear, Winch, Windlass & Donkey
10		7										engine.
11		7		"	"							All lights look outs pumps &
12	"	7		"	"							Ventilators strictly attended to

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				N.	N.					E'ly	
10W	154.	152	30.	3-11	3-15	30.	26-01	26-02	26-00	14°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Whitelaw
McRae
Collyer
Thomson
Pollock
Thomson

LANTERNS HUNG OUT

From *Sunset* To *Sunrise*

T Richmond Mate. *Alex. S. Banks* Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Sunday August 2nd 1896
1	Brd	7	½	SE	6		—	29/	½	½	14	This day begins with strong
2		7	½									SE winds, clear high head sea
3		7	½					"	"	"	"	causing vessel to plunge &
4	"	7	½		6							labor violently
5		7	½	1				"	"	"	"	
6	1	7	½									
7		7	½					"	"	"	"	Sunday Respected
8		7	½	1	7							
9	"	7	½					"	"	"	"	
10		7	½									
11		7	½					"	"	"	"	
12	Sdw	7	½	SE	7			29/	½	½	14	Continued strong wind
1		8										coming away squally
2		8						"	"	"	"	clear between squalls
3	1	8		1	1							high head sea, vessel
4		8						"	"	"	"	plunging & labouring & taking
5		8										heavy water on board at time
6	1	8		1	1			"	"	"	"	handed Royals & all Small Sail
7		8	½	½								
8		8	½									
9	1	8	½	1	1			"	"	"	"	
10		8	½									All light lookouts pumps
11		8	½	1				"	"	"	"	& ventilators strictly attended to
12	1	8	½									

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 18° W	189	180	54	6-12	6-19	54	21-58	27-00	27-00	14° W	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Thomson
Sidgreaves
Giles
McLeod
McLaughlin
McLeod

LANTERNS HUNG OUT

From Sunset To Sunrise

J Richmond Mate. Alex. S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Monday August 3rd 1896.
1	SSW	8		SE.	4		—	29/	½	½	13	This day begins with strong SE.
2		8										Wind - accompanied with hard squalls
3		6						"	"	"	"	at intervals, clear & cloudy alternately
4	1	6										high SE. Sea running, causing
5		4		1	6			"	"	"	"	ship to labor & strain heavily
6	1	4										completely submerging forecastle & at times
7		4						"	"	"	"	& taking heavy quantities of water
8		4		1	1							on board,
9	1	6						"	"	"	"	
10		6		1	5							People variously employed
11	1	6						"	"	"	"	
12	SSW	6	½	SE				29/	½	½	13	
1		5	½		4							Wind moderating down, clear,
2		5	½					"	"	"	"	high SE. Sea still running
3	1	5	½									vessel straining & laboring heavily
4		5	½	1	4							& taking occasional heavy water
5		6						"	"	"	"	
6	4	6										Carpenter & Sailmaker at their
7		6		1	4			"	"	"	"	respective duties
8		6										
9	1	7			6			"	"	"	"	
10		7		1								All light lookouts pumps &
11	1	7			4			"	"	"	"	Ventilators strictly attended to
12		7										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 11° W	159	154	38	8-48	8-49	38	24-26	24-30	24-30	13° W	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Hunter
Whitelaw
Thomson
Morrison
McCrae
Pollock

LANTERNS HUNG OUT

From Sunset To Sunrise

J Richmond Mate. Alex. S. Banks Master.

LOG of the "Euterpi"
From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
											Error.	Tuesday August 4th 1896
1	S & W	4		SE.	6		—	29.7	47	42	13°	This day begins with strong
2		4										SE. winds, with high sea, vessel
3		4										rolling & straining heavily & taking
4	"	4		"	"							quantities of water on board.
5		4										
6	"	4		"	"							
7		4										People variously employed
8	"	4										Carpenter & Sailmaker at their
9		4		"								respective trades
10		4			"							
11	"	4		"								
12	SW x S	4		SE	6			29.6	46	41	13°	Continued strong SE. wind
1		6	4									coming away squally with
2		6	4									heavy rain, handed all small
3	"	6	4	"	"							Sail, continued high sea, vessel
4		6	4									rolling & straining heavily, tore the
5		6	4	"								Upsail beginning to split, unbent
6	"	6	4		"							& bent 2nd best Upsail.
7		6	4	"								
8	"	6	4		6							
9		6		"								
10	"	6			"							All light hookouts pumps &
11		6										Ventilators strictly attended to
12		6		"	"							

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer. 1 Tent	Longitude Observed.	~~Variation~~ Error.	Distance Run per Patent Log.
S 15° W	160.	155.	41.	11°34	11°36	42.	28°8	28°11	28°11	13° W	

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Whitelaw
Fle.
McCrae
Thomson
Pollock
McLeod

LANTERNS HUNG OUT

From Sunset To Sunrise

J Richmond Mate. Alex. S. Banks Master.

LOG of the "Euterpi"
From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
											Error.	Wednesday August 5th 1896.
1	S & W	4		SE.	4		—	29/10	48	40	13°	This day begins blowing a moderate
2		4										Gale from SE. squally, with very high
3		4										sea vessel rolling & straining
4	"	4		"	"							heavily & taking at times considerable
5		4										quantity of water on board
6		4										
7	"	4		"	"							People variously employed.
8		4										Carpenter & Sailmaker at their
9		4										respective trade
10	"	4		"	"							
11		4										
12	S & W	4		SE	8			29/10	44	40	13°	Fresh Gale, handed fore & Main
1		4										topgallantsail, hard squalls at
2		4										intervals, continued high sea,
3	"	4		"	"							vessel rolling & straining violently
4		4										shipping heavy water at times
5		4										
6	"	4		"	"							
7		4										
8	"	4										All light hookouts pumps
9		4		"								& Ventilators strictly attended to.
10		4			"							
11	"	4		"								
12		4										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation~~ Error.	Distance Run per Patent Log.
9° W	168.	165.	86.	14°9	14°11	27.	28°34	28°35	28°35	13° W	

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Fles
Whitelaw
Thomson
Hunter
Thomson
Pollock

LANTERNS HUNG OUT

From Sunset To Sunrise

J Richmond Mate. Alex. S. Banks Master.

LOG of the "Euterpi"
From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Thursday August 6th 1896
1	S 2 W	6	½	S.S.E	6			30	71	70	11°	This day begins with fresh
2		6	½									breze clear sywally at time
3	"	6	½	"	"	Q.G.		.	.	.	.	continued high sea running
4		6	½									causing vessel to roll & strain heavily
5		6										
6	"	6		"		S.G.U.		.	.	.	.	People variously employed
7		6			"							Carpenter & Sailmaker at their
8	"	6		"		S.K.		.	.	.	.	respective trades
9		6										
10		6										
11	"	6		"	"			.	.	.	.	
12	S ½ W	6		S.E. ½ E	6		1/4	30	70	70	18°	wind unsteady in force, blowing
1		6										quite a gale at times, hard gusts
2		6		"		T.G.Y.		.	.	.	.	high S.E. sea running vessel
3	"	6			"							rolling & straining heavily & shipping
4		6										heavy water on board.
5	S ½ W	6		"				.	.	.	.	
6		6										
7		6		"	"			.	.	.	.	
8	"	6										All lights lookouts pumps &
9		6										Ventilators strictly attended to
10		6		"								
11	"	6			"			.	.	.	.	
12		6		"								

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 24° W	146.	146-	10'	16-35	16-34	11"	98-40	98-41	98-41	10° Sowe	

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.
McLeod
Hunter
Morrison
McLaughlin
Bedwell
McCrae

LANTERNS HUNG OUT
From Sunset To Sunrise

T. Richmond Mate. Alex. L. Banks Master.

LOG of the "Euterpi"
From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Friday August 7th 1896
1	S. by W	6		S.S.E	6	T.G.Y.		30	72	68	14°	This day begins with moderate Gale
2		6										clear, but squally, high S.E. Sea
3		6										running, vessel labouring & straining
4	"	6		"	"							in a violent manner & taking
5		6						.	.	.	.	considerable quantities of water on board
6		6		"								
7	"	6			"			.	.	.	.	People variously employed
8		6										Carpenter & Sailmaker at their
9	"	6		"				.	.	.	.	respective duties
10		6			"							
11		6										
12	S by W	6		S.S.E	5			24	71	64	15°	moderating in force but
1		5										high sea still continuing
2		5				T.G.Y.		.	.	.	.	clear cumulus from the S.E.
3	"	5		"								At fore & Mizen Royal yards are, quite
4		5			"			.	.	.	.	moderate at times
5	"	5										
6		5						.	.	.	.	
7		5		"								All lights lookouts pumps &
8	"	5			"			.	.	.	.	Ventilators strictly attended to
9		5										
10	"	5		"								
11		5			"			.	.	.	.	
12		5										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 4° W	131.	131-	10'	18-45	18-44	11'	98-30	98-33	98-33	15° Sowe	

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.
Hunter
McLeod
McLaughlin
Morrison
McCrae
Bedwell.

LANTERNS HUNG OUT
From Sunset To Sunrise

T. Richmond. Mate. Alex. L. Banks Master.

LOG of the "Euterpe" **From** Glasgow **Towards** Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run: Knots	Fathoms	Winds: Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Variation	REMARKS, &c.
											Error	Saturday August 8th 1896
1	S W ½ W	8		S.E.	4		—	30/10	72	70	16	This day begins with strong
2		8										steady breeze, clear, sea going
3	"	8						"	"	"	"	down, cumulus clouds from S.E.
4		8			"							
5		8		"				"	"	"	"	
6		8										People variously employed
7	"	8						"	"	"	"	Carpenter & Sailmaker at their
8		8		"	"							respective trades
9		7						"	"	"	"	
10	"	7										
11		7		"								Sighted Trinidad Island on
12	"	7		S.E.×E	4			30/10	71	68	11	Starb^d bow bearing W.S.W. 10 miles
1	S.S.W.	8										1.30 Abeam Bearing W.N.W. 8 [miles]
2		8						"	"	"	"	continued strong steady wind
3		8		"	"							clear sea moderate.
4	"	8										
5		8						"	"	"	"	Carpenter oiled down aloft & all
6	"	8		"	"			"	"	"	"	machinery round the decks.
7		8										Decks washed down & all berths
8		8		"				"	"	"	"	forecastle &c thoroughly cleaned
9	"	8			"							
10		8										All lights lookouts pumps &
11	"	8		"	"			"	"	"	"	Ventilators strictly attended to
12		8						"	"	"	"	

BEARING & DISTANCE AT NOON.

Course	Distance	Difference Latitude	Departure	Latitude by Account	Latitude Observed	Difference or Longitude	Longitude by Account	Longitude by Chronometer	Longitude Observed	~~Variation~~ Error	Distance Run per Patent Log
S 40 W	184	184	13	21.57	S. 21.53	14'	28.45	W. 28.49	28.49	16'	

On the Look-out	Name
From 6 To 8	McLeod
8 : 10	Hunter
10 : 12	Morrison
12 : 2	McLaughlin
2 : 4	Bedwell
4 : 6	McCrae

LANTERNS HUNG OUT From Sunset To Sunrise

T. Richmond Mate. Alexr S. Banks Master.

LOG of the "Euterpe" **From** Glasgow **Towards** Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run: Knots	Fathoms	Winds: Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
											Error	Sunday August 9th 1896
1	S.S.W.	9		S.E.	7–4		—	30/20	69	68	16	This day begins with strong steady
2		9										breeze, clear & fine, sea moderate
3	"	9						"	"	"	"	cumulus from the E.S.E.
4		9		"								
5		9						"	"	"	"	
6	"	9			"							Sunday Respected.
7		9		"				"	"	"	"	
8		9										
9	"	9		"	"			"	"	"	"	
10		9										
11		9						"	"	"	"	
12	S.S.W.	9		S.E.	7–4			30/10	68	62	16	
1		9										Continued strong steady wind
2		9						"	"	"	"	sea smooth, clear & fine,
3	"	9		"	"							clouds from the E.S.E.
4		9										
5	"	9		"	"			"	"	"	"	
6		9										
7		9						"	"	"	"	All lights lookouts pumps
8	"	9										& Ventilators strictly attended to
9		9	"	"	"							
10	"	9	"					"	"	"	"	
11		9	"	"	"							
12		9	"					"	"	"	"	

BEARING & DISTANCE AT NOON.

Course	Distance	Difference Latitude	Departure	Latitude by Account	Latitude Observed	Difference or Longitude	Longitude by Account	Longitude by Chronometer	Longitude Observed	~~Variation~~ Error	Distance Run per Patent Log
S 40 W	218	218	15	25.30	S. 25.31	16'	29.00	W. 29.4	29.4	16'	

On the Look-out	Name
From 6 To 8	Hunter
8 : 10	Whitelaw
10 : 12	Freddie
12 : 2	Morrison
2 : 4	McCrae
4 : 6	Thomson

LANTERNS HUNG OUT From Sunset To Sunrise

T. Richmond Mate. Alexr S. Banks Master.

LOG of the "Euterpe"
From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run: Knots	Fathoms	WINDS—see Formula: Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Error	REMARKS, &c.
												Monday August 10th 1896
1	S x E ½ E	9	½	Easterly	8		~	30/70	68	62	16	This day begins with strong steady
2		9	½									breeze & smooth sea, clear, & fine
3	"	9	½			[illegible]		"	"	"	"	cumulus strata from East North East
4		9	½		"							
5		9	½	"		[illegible]		.	.	.	.	People employed bending best
6	"	9	½									lower topsail & foresail Inner jib
7		9	½		"	[illegible]		.	.	.	.	fore top M.S.L & Main Top M.S.S.
8	"	9	½	"								
9		9	½					.	.	.	.	Carpenter & Sailmaker at their
10		9	½									respective trades
11	"	9	½	"	"							
12	S x E ½ E	9	½	ENE	8			30/70	64	61	16	
1		9	½									Continued strong breeze veering
2		9	½					.	.	.	.	Northerly, sky covered with Mare's
3	"	9		"	"	[illegible]						Tails & Strata, sea moderate
4		9						.	.	.	.	
5	"	9				[illegible]						Two Barques in sight going same
6		9		"	"			.	.	.	.	way
7	"	9				[illegible]						
8		9										
9		9		"	"			.	.	.	.	
10	"	9										All lights lookouts pumps &
11	"	9		"	"			.	.	.	.	Ventilators strictly attended to.
12		9						.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error.	Distance Run per Patent Log.
S 34° E	220.	185	124	28.36	28.38	143	26.45	West 26.44	26.44	16"	

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	McLeod	From Sunset To Sunrise
8 " 10	Hunter	
10 " 12	Morrison	
12 " 2	McLaughlin	
2 " 4	Bedwell	
4 " 6	McCrae	

C Richmond Mate. Alex. S. Banks Master.

LOG of the "Euterpe"
From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run: Knots	Fathoms	WINDS—see Formula: Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Error	REMARKS, &c.
												Tuesday August 11th 1896
1	S ½ E	10		NE	8.4		—	30/70	66	60	15	This day begins with strong NE
2		10										wind steady, sea smooth, wind
3	"	10				[illegible]		.	.	.	.	abaft the beam, yards well in,
4		10		"	"							clouded & overcast, & fine rain,
5		10				[illegible]		.	.	.	.	
6	"	10										People variously employed
7		10		"	"	[illegible]		.	.	.		
8		10										Carpenter & Sailmaker at their
9	"	10		"				.	.	.	.	respective trades,
10	"	10			"							
11	"	10						.	.	.	.	
12	S ½ x E	10	½	NE	8.4			30/70	66	60	15	
1		10	½									Continued stiff breeze, cloudy
2		10	½			[illegible]		.	.	.	.	& fine, sea smooth, scud driving
3	"	10	½	"								from NE, showery at times
4		10	½			[illegible]		.	.	.	.	
5	"	10	½									
6		10	½	"	"			.	.	.	.	
7		10	½			[illegible]						All lights lookouts pumps &
8	"	10						.	.	.	.	Ventilators strictly attended to.
9		10		"	"							
10		10						.	.	.	.	
11	"	10		"	"							
12		10						.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error.	Distance Run per Patent Log.
44° E	244	180.	145	31.36	31.34	193	23.30	23.33	23.33	15"	

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	McCrae	From Sunset To Sunrise
8 " 10	Thomson	
10 " 12	Pollock	
12 " 2	Benson	
2 " 4	Ales	
4 " 6	McLeod	

C Richmond Mate. Alex. S. Banks Master.

LOG of the 'Enterpi'

From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Wednesday August 12th 1846
1	SE	10		NE	8-4		—	29/20	64	60	15	This day begins with continued
2		10										stiff breze, cloudy & fine sea
3		10										keping pretty smooth,
4	"	10		"	"			"	. . .			
5		10										People variously employed
6		10										
7	"	10		"				"	. . .			Carpenter & Sailmaker at their
8		10			"							respective trades.
9		10						"				
10	"	10		"	"			29/10				barometer lowering wind
11		10							. . .			increasing to a gale, heavy
12	"	10		NE				"	64	60	15	raw squally, handed royals
1	SSE	10			9							& top gallantsails Double fitt &
2		8				Double Reefed		"	. . .			shanker
3		6		"				"	. . .			
4	"	4			"			29/	. . .			Blowing hard at times, &
5		4				Close						wind hauling Easterly, heavy
6	"	5		"					. . .			rain,
7		5	ESE		"			"				moderating towards daylight
8	"	5			8				. . .			& clearing up at all sail
9		6		"								Sea high & confused
10	"	6			4			"	. . .			
11		6		"								All lights Look Out pumps &
12	"	6			"			"	. . .			Ventilators strictly attended to

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
								West		from	
SSE	196	41.	176	32 46		284.	20° 05'	20-15	20 11	15°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Woods
Jles
Benson
Thomson
Bolton
Hunter

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex'r S. Banks Master.

LOG of the 'Enterpi'

From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Thursday August 13th 1846
1	ESE	8		NE	8		—	30/.	60	57	16	This day begins blowing moderate
2		8				Close Reefed						Gale from NE with high confused
3	"	8							. . .			sea, vessel rolling & shaming in
4		8		"	"							a violent manner, sky overcast
5		8							. . .			equally,
6	"	8										
7		8		NW	9				. . .			People variously employed
8	"	8										Tradesmen at their trade
9		8		"					. . .			
10		8			"							blowing strong gale with high
11	"	8		"					. . .			confused sea, vessel taking
12	ESE	8			"			29/20	58	56	16	heavy water on board
1		9		WNW	9	Double Reefed						wind veering round afte
2	"	9							"	. . .	"	& mostly into S.W. blowing
3		9			"							fiercely at times, squalls of
4		9		"		Close			. . .			terrific violence, sky clearing
5	"	9										high confused sea, causing
6		9		West	"				. . .			vessel to roll & strain heavily
7	"	9										deck frequently flooded
8		9		"	"				. . .			
9		9										
10	"	9		SW	"				. . .			All lights Lookout pumps &
11		9										Ventilators strictly attended to
12	"	9		"					. . .			

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
		dep.			S.	E.		West		from	
ESE	208	204	10	33 4	33 09	245'	16-10	16-05	16-05	16°	

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Jles
Woods
Whitelaw
Benson
Hunter
Thomson

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex'r S. Banks Master.

LOG of the 'Euterpe'
From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Friday August 14th 1896
1	S5½E.	9		SW	8.u		—	29.5	57	14	30	This day begins with moderate
2		9										Gale, squally with rain
3	"	9						"	"	"	"	high S.W. sea, vessel rolling
4		9		"								& straining heavily, & shipping heavy
5		9			"							water
6	"	9										
7		9		"	8.							People variously employed
8		9										Carpenter & sailmaker at their
9	"	8										respective trades.
10		8		"	"							
11	"	8										
12	S5½E	8		SW	4			29.5	57	54	30	moderating rapidly set
1		4	2									all sail, sea going down
2	"	4	2		"							sky breaking up,
3		4	2									
4		4	2	"	"							took off fore Hatch & examined
5		4	2									the hold cargo & found every
6	"	4	2	"	"							all right
7		4										
8		4										
9	"	4		"	"							All lights lookout pump
10		4										& ventilator strictly attended
11	"	4		"	"							
12		4										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
								West		Easterly	
S85E	191	14	189.	33°18'	33°19'	286	12°27'	12°25'	12°25'	30° W.	

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.
Greedie
Jle
Benson
McLeod
Whitelaw
Hewitt

LANTERNS HUNG OUT
From Sunset To Sunrise

D. Richmond Mate. Alex. S. Banks Master.

LOG of the 'Euterpe'
From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Saturday Aug. 15th 1896
1	SE.	4		SW	6		—	29.5	54	58	30	This day begins with fresh SW
2		4										wind clear & fine sea moderate
3		4										Westerly Swell, clouds from SW.
4		4										
5		4										People variously employed
6		4										bent best Mainsail
7		4										
8		4										Carpenter & sailmaker at their
9		4										trade,
10		4										
11		4										
12	S5½E	4		WSW	5			29.5	54	58	30	Wind lessening in force,
1		6										heavy bank hanging astern
2		6										the SE. horizon, continued fine
3		6										weather,
4		6										
5		6										Carpenter ordered from aloft takes
6		6										all markings & around the deck
7		6										
8		6										Decks washed down, & all berths
9		6										forecastle & thoroughly cleansed
10		6										
11		6										
12		6										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
										Easterly	
S5°E	156.	58	154.	34°14'	34°15'	143.	9°33'	9°34'	9°34'	31°	

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.
Whitelaw.
Milne
Jle
McLeod
Greedie
Benson

LANTERNS HUNG OUT
From Sunset To Sunrise

Mate. Alex. S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Sunday Augt 16th 1896.
1	E×S	6		WSW	1		—	30/20	59	58	30	This day begins with moderate
2		6										& fresh WSW wind clear of nie
3		6										Sea smooth, Weakly Swell,
4	"	6		"	"							
5		6										
6		6			"							Sundry Ruppered,
7	"	6		"								
8		6										
9	"	6		"	"							heavy Bank ranging to the South
10		6										
11		6		SW								
12	"	6		"				29/80	57	57	30	wind shifted to the Southward
1	ESE	4	½	S.	4							& began to freshen into a moder
2		4	½									Gale this Craned up on Starboard
3		4	½									Tack sharp squalls & gusty
4	"	4	½	"								handed all Small Sail
5		4										
6	"	4		"								wind hauling Steadily to South
7		4		SSE								dropping rain & dirty in appearan
8	East	4										
9		3	½	"								
10	E×N	3	½		"							All lights lookouts pumps &
11		3	½	"								Ventilators strictly attended to
12	"	3	½									

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
										Error	
S 85 E	115	9"	115.	34°56	—	139.	4°13	No Sun,		30°W	—

ON THE LOOK-OUT From	To	NAME.	LANTERNS HUNG OUT From	To
6	8	Owens	Sunset	Sunrise
8	10	Gle		
10	12	Benson		
12	2	McLeod		
2	4	Thomson		
4	6	Hunter		

O Richmond Mate. Alex. S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Monday August 17th 1896.
1	East	5	½	ESE	6		—	30/20	52	56	16	This day begins with fresh SE
2		5	½									wind with dreeping rain, squally.
3	"	5	½									Sea moderate, Weakly Swell
4		5	½	"	"							
5	"	5	½									People variously employed at
6		5	½									Sundry Jobs around the deck.
7		5	½	"								
8	"	5	½		"							Carpenter & Sailmaker at their
9		5	½	"								respective duties.
10	"	5	½		"							
11		5	½									
12		5	½									
1	E×E.	5	½	SE	6			30/20	51	51	11	
2		5	½									Continued S.E. winds gusty
3	"	5	½	"	"							showery, Sea moderate, ship
4	E×N	5	½	SE×S							14	braced sharp up on Starboard
5		5	½									Tack.
6	"	5	½		"							
7		5	½	"								
8	"	5	½		"							All lights lookouts pumps &
9		5	½	"								Ventilators strictly attended to.
10	"	5	½									
11		5	½		"							
12	"	5	½	"								

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
								West			
E½S.	139.	35.	130.	33°56	33°25	156	4°37	4°34	4°34	14.	—

ON THE LOOK-OUT From	To	NAME.	LANTERNS HUNG OUT From	To
6	8	Gle	Sunset	Sunrise
8	10	Benson		
10	12	Owens		
12	2	McLeod		
2	4	Hunter		
4	6	Thomson		

O Richmond Mate. Alex. S. Banks Master.

LOG of the *Enterpi*
From *Glasgow* Towards *Dunedin*

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Tuesday August 18th 1896
1	E×N	6		SE.	S		—	30/0	59	60	17°	This day begins with moderate
2		6										S.E. winds clear & fine, Sea moder
3	"	6		"	"	Q		.	.	.	.	Cumulus clouds from the S.E.
4		6		"	"							
5	"	6		"	"			.	.	.	.	People variously employed at
6	"	6		"	"							sundry jobs aloft & on deck
7		6						.	.	.	.	
8	"	6		"								Carpenter at his trade
9		6			?			.	.	.	.	Sailmaker repairing fine weather sail
10	"	6		"								
11		6						.	.	.	.	
12	E×N	6		SE.	S		—	30/0	59	59	17°	
1		6										
2	"	6		"	"			.	.	.	.	Continued moderate S.E.
3		6		"	"	Q						winds clear & fine, Sea smoot
4		6		"								Cumulus clouds from S.E. no
5	"	6		"	"	Sail		.	.	.	.	indications at present of a
6		6										favourable wind,
7	"	6		"		Sail		.	.	.	.	
8		6			"							
9		6						.	.	.	.	
10	"	6		"	"							All light lookout pumps
11		6						.	.	.	.	& Ventilators strictly attended to
12	"	6		"	"							

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
								West		Error	
N 60° E	144.	71.	125.	32°16'	33°17'	114.	2°08'	2°04'	2°04'	14°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Sweeden
Iles
Benton
McLeod
McLaughlin
Hunter.

LANTERNS HUNG OUT

From Sunset To Sunrise

D. Richmond Mate. Alex. S. Banks Master.

LOG of the *Enterpi*
From *Glasgow* Towards *Dunedin*

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Friday Aug 21st 1896.
1	SE×S	9		NE	F.S		—	30/0	58	61	30°	This day begins with strong
2		9										steady breeze from NE. clear &
3		9				Q						fine sea smooth, Westerly swell.
4	"	9		"	"			.	.	.	.	
5		9										People variously employed
6	"	9		"	"	Sail						repairing aloft & various sundries
7		9						.	.	.	.	
8	"	9		"		Sail						Tradesmen at their respective duties
9		9			"			.	.	.	.	
10	"	9		"								
11		9						.	.	.	.	
12		9		NE	F.S			30/0	58	61	30°	
1	SE×S	9										Continuation of above wind &
2		9										weather throughout the remainder
3		9		"	"	Q						of this day.
4	"	9		"	"							
5		9										
6	SE×S	9		"	"	Sail						
7		9										
8	"	9		"		Sail						All light lookout pumps &
9		9			"							Ventilators strictly attended to.
10	"	9		"								
11	"	9		"	"							
12	"	9										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
							E	East		Error	
S 66° E	216.	88.	194.	35°37'	35°35'	234.	2°23'	2°21'	2°21'	30"	

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Iles
Sweeden
McLeod
Denton
Hunter
McLaughlin

LANTERNS HUNG OUT

From Sunset To Sunrise

D. Richmond Mate, Alex. S. Banks Master.

LOG of the "Eutrepi"
From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Saturday Augst 22nd 1896
1	SEbE	8		NE	4		—	29½	52	58	31	This day begins with strong
2		8										steady breze from NE. clear
3		8										fine, sea smooth, westerly swell
4		8										
5	"	8		"								People variously employed
6		8			5							
7		8										Tradesmen at their trade.
8		8		"								
9		8										
10		8			4							
11		8		NE								
12	SE.	8			4			29½	57	57	"	continued steady NE wind
1		8										with fine weather & smooth water
2		8		"								throughout the remainde of this
3	"	8										day
4		8			4							
5	"	8		"								Carpenter oiled down aloft &
6		8										all machinery around the decks
7	"	8										Decks washed down & all bright
8		8		"	5							forecastle & thoroughly cleaned
9	"	8		"								
10		8										All bright lookout pumps &
11	"	8		"	"							Ventilators strictly attended to
12	"	8										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
		'	'	° '		'	°	East		Error	
S 70° E	192	66	180	36 42	36 40	222	6 05	6 01	6 01	30"	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McRae
Iles
Thomson
McLeod
Smeddie
Benson

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex. S. Banks Master.

LOG of the "Eutrepi"
From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Sunday August 23rd 1896
1	SE.	7		NE	6		—	29½	52	57	30	This day begins with moderate
2		7										breze from NE. clear & fine,
3	"	7										Swell from the West'd,
4		7										wind gradually falling
5		6		"	5							light airs
6	"	6										
7		6										
8	"	6		"								Sundays Respected.
9		5			4							
10		5										
11	"	5		"								
12	SE	5		NE	"			29½	52	57	30	
1		5										continued pleasant breze
2		5										with clear & exceptionally fine
3	"	5		"	"							weather sea smooth, with
4		5										continued Westerly swell.
5		5										
6	"	5										
7		5		"	"							
8	"	5										All lights lookout pumps
9		5										& Ventilators strictly attended to
10		5		"	"							
11	"	5										
12	"	5		"								

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
		'	'	South		'	°	East		Error	
41° E.	132	43	105	37 25	37 36	164	8 47	8 44	8 44	30"	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Morrison
Thomson
Pollock
McRae
Iles
McLeod.

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex. S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c. Monday August 24th 1896
1	S x E	2		N.E.	1		—	30/10	53	57	24	This day begin with breeze rapidly
2		2										dying away to a very light
3	"	2				All		.	.	.	.	breeze, sky cloudless, sea smooth
4		2		"	"							westerly swell,
5	"	2						.	.	.	.	
6		2				Sail						People variously employed at
7		2						.	.	.	.	sundry jobs aloft & on deck.
8	"	2		"	"							
9		2				Set		.	.	.	.	Tradesmen at their trades
10	"	2		"								
11		2			"							
12	S x E	2		Easterly	0-1			30/10	52	56	25	
1		1										Light airs from the East.
2		1						.	.	.	.	sky cloudless, sea smooth
3	"	1				All						no indication of wind
4		1		"	"			.	.	.	.	anywhere,
5	"	1										
6		1				Sail		.	.	.	.	
7		1		"	"							All lights lookouts pumps
8	"	1						.	.	.	.	& Ventilators strictly attended to
9		1		"	"	Set						
10		1						.	.	.	.	
11	"	1										
12		1		"	"			.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. (Error)	Distance Run per Patent Log.
S 60° E	36'	18.	30	S 37.45	37.45	38.	9.20	9.18	9.18	29°	—

ON THE LOOK-OUT	NAME.
From 6 To 8	Pollock
8 " 10	Hunter
10 " 12	Callyer
12 " 2	McLeod
2 " 4	McLaughlin
4 " 6	Morrison

LANTERNS HUNG OUT From Sunset To Sunrise

G Richmond Mate. Alexr. S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c. Tuesday August 25th 1896
1	SW x S	3	½	Easterly	2-4		—	30/10	51	52	30	This day begins with light
2		3	½									Easterly to S.E. winds gradually
3	"	3	½			All		.	.	.	.	falling away to light airs
4		3	½	"	"							sea smooth N.W. swell, weather
5	"	3				Sail		.	.	.	.	very fine
6		3										
7	S x W	2		"	1			.	.	.	.	People employed variously
8		2				Set						
9	S W	2		S E				.	.	.	.	Carpenter & Sailmaker at their
10		2			"							respective trades
11	"	2		"								
12	"	2		.	"			30/10	51	52	30	
1	SW x S	2			1-4							Continued light variable
2		2	½	"				.	.	.	.	air & calms, sky overcast
3	"	2	½			All						fog banks rising, coming
4		2	½	Easterly	"			.	.	.	.	away dense fog toward
5	S S W	2						30/10	.	.	.	daylight, Lookouts attended to
6		2			"	Sail						& fog horn sounded at regular
7	"	2						.	.	.	.	intervals
8	"	2		Airs	0-1	Set						
9	S S E	1						.	.	.	.	
10		1		Calm	"							All lights lookouts pumps &
11	"	1						.	.	.	.	Ventilators strictly attended to.
12	"	1			"			.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. (Error)	Distance Run per Patent Log.
S 5° E	59	59	5	S 38.44	—	6	E 9.36	No Obser.		30°	—

ON THE LOOK-OUT	NAME.
From 6 To 8	Hunter
8 " 10	Thomson
10 " 12	Pollock
12 " 2	Renton
2 " 4	Colyer
4 " 6	McLeod

LANTERNS HUNG OUT From Sunset To Sunrise

G Richmond Mate. Alexr. S. Banks Master.

LOG of the "Euterpe" **From** Glasgow **Towards** Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Courses	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Error	REMARKS, &c.
												Wednesday August 26th 1896
1	SSE	2		ESE	1		—	30/	52	57	30	This day begins with very
2		2										light winds from ESE gradually
3		2			"			.	.	.	.	veering to East & finally to NE.
4	"	2		"	2							Sea smooth, sky clouded & clear
5		2	½					.	.	.	.	alternately weather fine
6		2	½									
7	"	2	½	"								People variously employed at
8		2	½		"			.	.	.	.	sundry jobs around the deck.
9	"	2	½	"								
10		2	½		"			.	.	.	.	Tradesmen at their respective
11	"	2	½									duties
12		2	½	"				.	.	.	.	
		2	½					30/	52	57	30"	
1	S E x S	3		East	3							
2		3										
3		4						.	.	.	.	
4		4			"							breeze increasing gradually
5	"	4		"				.	.	.	.	sky clouded overcast, swell
6		4										from the SW,
7		4		NE				29/90	.	.	.	
8	"	4			"							
9		4		"				.	.	.	.	
10	"	4			4							All lights lookouts pumps &
11		5						.	.	.	.	Ventilators strictly attended to
12	"	5		"	"							
		5						.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Error.	Distance Run per Patent Log.
S 54° E	77.	46	63.	39.20 S.	39.19	81.	10.47	10.48 East	10.48	30"	—

ON THE LOOK-OUT	NAME.
From 6 To 8	Sidgreaves
8 " 10	[illegible]
10 " 12	Thomson
12 " 2	McCulloch
2 " 4	Whitelaw
4 " 6	Benson

LANTERNS HUNG OUT From Sunset To Sunrise

C Richmond Mate. Alexr. S. Banks Master.

LOG of the "Euterpe" **From** Glasgow **Towards** Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Error	REMARKS, &c.
												Thursday August 27 1896
1	S E x S	7		NNE	6		—	29/90	50	54	30	This day begins with strong
2		7										breeze from NNE gradually
3	"	7		"				.	.	.	.	drawing NW & West, sky clouded
4		7			"							overcast, sea confused,
5	S E x S	7		North				.	.	.	.	
6	"	7			"							People variously employed
7		7		"				.	.	.	.	Tradesmen at their trades
8	S E x E	7		NW								
9		7			"			.	.	.	.	
10	"	7		"								
11	S E x E	7		West	6			.	.	.	.	
12	"	7						29/90	48	50	30	wind inclined to freshen
1	S E x E	7		"	"							handed all small sails wind
2		7						.	.	.	.	hauling into the Southward &
3	"	7		SW	4							S.S.E, coming away into a
4		7						.	.	.	.	strong gale, sea rising, vessel
5	"	7		"	"							diving & straining heavily, & shipping
6		7						.	.	.	.	heavy water, handed topgallant
7	"	7		South	"							courses & outer jib.
8		7						.	.	.	.	
9	SSE	6			8							All lights lookouts pumps & Ventilators
10		6		"				.	.	.	.	strictly attended to.
11	"	6		SSE	"							blowing strong gale with fierce squalls
12	"	6		"				.	.	.	.	handed Mizzen & upper topsails & fore
												jib. vessel head reaching under lower [illegible]

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Error.	Distance Run per Patent Log.
S 85 E	164	14.	165.	39.06 S	—	210	14.14 E	No Obs		30"	—

ON THE LOOK-OUT	NAME.
From 6 To 8	[illegible]
8 " 10	Sidgreaves
10 " 12	Thomson
12 " 2	McCrae
2 " 4	Benson
4 " 6	McCulloch

LANTERNS HUNG OUT From Sunset To Sunrise

C Richmond Mate. Alexr. S. Banks Master.

LOG of the *Euterpi*

From *Glasgow* *Towards* *Dunedin*

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
											Error	Friday August 28th 1896
1	E×S	5		SE	9		11	29⅛	52	16	30	This day begins blowing stiff
2		5										Dale from E.S.E with fierce squalls
3		5										vessel head reaching under three
4	"	5		"	"							lower topsails & foresail, fore & Main
5		4		"	"		"					topmast staysail & spanker, very
6	"	4		"	"							heavy sea running, decks
7		4										frequently flooded vessel rolling
8		4		"	"		"					& diving fearfully. Sky clouded &
9	"	3										overcast, shipped a heavy mass of
10		3		"	"							water over the forecastle which carries away
11	"	3					"					part of fore Hatch & a quantity of
12	ESE	3		South	8		10	29⅛	49	60	30	water got down below, repairing damage
1		4	12									& securely battened & wedged down after
2	"	4	12			Lower						
3		4	12	"	"	Main	"	"	"	"		
4		4	12				"					Moderating set Main upper topsail
5	"	4	6	"	"	Fore						Sea still very high, vessel rolling
6		4	12	"	"							& straining heavily.
7	"	4	12				"					
8	SSE	4	12	SxW	"							
9		4	12									All light lookouts pumps &
10	"	4	12				"					Ventilators strictly attended to.
11		4	12	"								
12	"	4	12	"			"					

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N 75 E	109.	27.	99.	38·40	38·38	126	16·20	16·23	16·23	30 E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McLeod
Hunter
Collyer
Greedie
Thomson
Morrison

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex. S. Banks Master.

LOG of the *Euterpi*

From *Glasgow* *Towards* *Dunedin*

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
											Error	Saturday August 29th 1896.
1	E×S	6		SW	5		—	29⅛	50	59	30	This day begins with moderating
2		6										huge cloud & fine sea short & confused
3		6										
4	"	6		"	"							
5		6										People variously employed
6	"	6		"	"							
7		6		WSW								Tradesmen at their trade
8		6			"							
9	"	6										
10		6		"								
11	"	6										
12	SxE	6		West	6			29⅛	49	60	30	Wind freshening into a strong
1		7										breeze & gradually backing West
2		7										NW. & North, barometer inclining
3	"	7		"								to lower sky covered with nasti thick
4		7										& every indication of a coming
5		7		NW								Gale,
6	"	7										
7		7		"								Carpenter ordered down aloft & all
8		7										machinery around the deck
9	"	7		North								Deck washed down & all berths
10		7										to Cuddies & Forecastle cleaned
11	"	7		"								All light lookouts pumps & Ventilators
12		7		"								strictly attended to.

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer. Last	Longitude Observed.	Variation. Corrn	Distance Run per Patent Log.
S 28 E	185.	87.	144	39·36	39·38	185	19·24	19·24	19·24	30	

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Hunter
McLeod
Greedie
Collyer
McRae
Thomson

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex. S. Banks Master.

LOG of the *Enterpi*

From *Glasgow* Towards *Dunedin*

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air	Temperature Water.	Variation.	REMARKS, &c.
												Sunday August 30th 1896
1	SE×S	8		North	4		—	29/50	56	63	31°	This day begins with moderate
2		8										Northerly wind, sky assuming a
3		8										rugby look, sea rising & wind
4	1	8		1	1			1	.	.	.	veered to Easter, handed
5		8										topgallantsail. Ends set &
6	1	8						29/40	.	.	.	Spanker. Barometer rapidly
7		8		1	8				.	.	.	falling
8		8		NNE								
9	1	8						1	.	.	.	
10		8			1			29/60				wind NNE, rapidly increasing
11		8		1					.	.	.	to a whole gale with fierce
12	SE×S	8		NNE	9				58	66	31	squalls & heavy rain, handed
1		8						29/50				topsails Mainsail & Crossjack
2		8		1					.	.	.	& Inner jib, yards well in
3	1	8										
4		8		North	4				.	.	.	wind gradually freeing squared
5		8						1				Yards, blowing furiously at time
6	1	8		1	4			29/40	.	.	.	sea rising to a great height, decks
7		8										frequently flooded, vessel running
8		8		NW	10				.	.	.	under 3 lower topsails & foresail re-
9	1	8										rolling & shaming in a frightful
10		8						1	.	.	.	manner
11	1	8		1	1			1				All light lookouts pumps &
12		8		1	1				.	.	.	Ventilators strictly attended to

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
					Sunset			*Sunset*			
S 43° E	192.	140	184	40°32'	40°35'	240	23°25'	23°28'	23°26'	31°	

ON THE LOOK-OUT From	To	NAME.	LANTERNS HUNG OUT From	To
6	8	M Leod	*Sunset*	*Sunrise*
8	10	Hunter		
10	12	Collyer		
12	2	Forrester		
2	4	Thomson		
4	6	M Clair		

C Richmond Mate. Alexr S. Banks Master.

LOG of the *Enterpi*

From *Glasgow* Towards *Dunedin*

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air	Temperature Water.	Variation.	REMARKS, &c.
												Wednesday Sept 2nd 1896
1	SE×S	8	0	S Southerly	4		—	29/50	59	62	31°	This day begins with strong Southerly
2		8	0									wind clear, squally at intervals
3		8	0									high choppy sea, vessel rolling
4	1	8	0	1	1			1	.	.	.	about violently at times
5		8										
6	1	8						1	.	.	.	People variously employed
7		8		1	1				.	.	.	Tradesmen at their respective
8		8						29/40				duties
9	1	8							.	.	.	
10		8		1	1							
11		8										
12	SE×E	8		Southerly	4			1	59	60	31	continued fresh Southerly wind
1		8										with occasional hail squalls
2		8						30/	.	.	.	sea short & confused, vessel rolling
3	1	8		1	1							heavily at time, & taking occasional
4	SSE	8							.	.	.	heavy water on board
5		8		1				1				
6	1	8			1				.	.	.	
7		8		1				30/10				
8		8							.	.	.	
9		8		1	1			1				All light lookouts pumps &
10		8							.	.	.	Ventilators strictly attended to
11	1	8		1	1			30/20				
12	1	8							.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 46 E	194	3	194	40 15	40 19	253	25°39'	25°41'	25°41'	31°	

ON THE LOOK-OUT From	To	NAME.	LANTERNS HUNG OUT From	To
6	8	Morrison	*Sunset*	*Sunrise*
8	10	M Leod		
10	12	M Culloch		
12	2	M Clair		
2	4	Hunter		
4	6	M Langlin		

C Richmond Mate. Alexr S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Wednesday Sept. 3rd 1896

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Variation	REMARKS, &c.
1	S E E	6		Southerly	5		—	30/20	56	64	35	This day begins with moderate
2		6										Southerly winds clear & fine, sea
3	〃	6		〃					.	.	.	moderate, cumulus moving very
4		6			〃							slowly from the S.W.
5		6						〃	.	.	.	
6		6		〃								People variously employed
7	〃	6							.	.	.	Tradesmen at their respective
8		6		〃	〃			〃				duties
9	〃	6						30/13	.	.	.	
10		6										
11	〃	6		〃	〃				.	.	.	
12	S E E	6		S.W.	4			〃	58	66	35	wind backing into the S.W.
1		5										& finally into the Westward
2		5							.	.	.	falling light weather fine
3	〃	5		〃	〃							& clear, cumulus from the
4		5							.	.	.	Westward, sea moderate
5		4		〃	3			〃				
6	〃	4							.	.	.	
7		3	½	Westerly	〃							
8		3	½					〃	.	.	.	
9	〃	3	½									All lights lookouts pumps
10		3	½	〃	〃				.	.	.	& Ventilators strictly attended to
11	〃	3	½					〃				
12		3	½	〃	〃				.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N 84 E	121	12	121.	40.05	40.07	158.	38.14	38.18	38.18	31°	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	McLeod	From Sunset To Sunrise
8 " 10	Collyer	
10 " 12	Morrison	
12 " 2	McLaughlin	
2 " 4	McCulloch	
4 " 6	McRae	

J. Richmond Mate. Alexr. S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Friday Sept. 4th 1896

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Variation	REMARKS, &c.
1	S E x E	5		N W			—	30/12	58	64	36	This day begins with increasing
2		6			Increasing							wind from the N.W. clear & fine
3	〃	8		〃					.	.	.	in appearance, barometer falling
4		8										rapidly, handed small canvas
5		9	¼						.	.	.	
6		9	¼	〃				[illegible]				People variously employed
7	〃	9	½						.	.	.	Tradesmen at their respective
8		9	½									duties
9		9	½	〃					.	.	.	
10	〃	8	½									backing at [illegible] the Westd. wind increasing
11		8	¼					[illegible]	.	.	.	gradually to a whole gale, Stowed
12	S E x E	8	½	WNW					60	68	36	topgallantsails Mainsail Crojack
1		9	¼		8-11			29/[illegible]				& outer jib. vessel running under
2		9	½		〃				.	.	.	topsails & foresail, sea rising
3	〃	10		〃	9							
4		10										
5		9	¼	West	〃				.	.	.	Heavy squalls with rain
6	〃	9	¼					29/80	.	.	.	shifted into the S.W. & began to
7		9	¼	〃	〃							clear up barometer also going
8		9	½						57	67	36	up
9	〃	9	½	SW				29/[illegible]				
10		9	½	〃					.	.	.	All lights lookouts pumps & Ventilators
11	〃	9	½	〃								strictly attended to.
12		9	½	〃				29/90	.	.	.	moderating rapidly — making sail

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
[illegible]° E	216.	75	201.	41.24	41.22.	266.	42.44	42.40	42.40	36°	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Collyer	From Sunset To Sunrise
8 " 10	McLeod	
10 " 12	McLaughlin	
12 " 2	Morrison	
2 " 4	McRae	
4 " 6	McCulloch	

J. Richmond Mate. Alex. S. Banks Master.

LOG of the *'Euterpe'* **From** *Glasgow* **Towards** *Dunedin*

CHIEF OFFICER'S LOG.

Saturday Sept. 5th 1896.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
1	SE	4		West	6		–	29/92	56	64	36	This day begins with moderate
2		4										breeze from the Wd rapidly falling
3	″	6		WNW	5			″	·	·	·	away light & drawing round
4		5						30/				to N & NE ENE & finally ESE.
5	SE x S	4		″					·	·	·	sea, short & confused vessel
6		4		Northerly	4							rolling & straining.
7		4						30/10	·	·	·	
8	″	4		NE	3							People variously employed
9	SSE	3							·	·	·	Tradesmen at their trade
10		3		ENE	2			30/20				
11	″	3							·	·	·	
12		3		″	″							Light ESE winds weather
1	South	3		ESE	2			30/30	52	58	34	becoming finer, then [illegible]
2		3										hazy around the horizon
3		3							·	·	·	
4	″	3		″	″							Decks washed down & all berths
5		3						30/40	·	·	·	fo'castle &c thoroughly cleaned
6	S x W	3										Carpenter oiled down aloft
7		3		″	″				·	–	·	& all machinery around the
8		3						″				decks.
9	″	3		″	″				·	·	·	
10		3						″				All lights lookouts pumps
11	″	3		″					·	·	·	& Ventilators strictly attended to
12		3						″				

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation~~ Error	Distance Run per Patent Log.
SSE	89'	57'	73'	42.13	S. 42.11	98.	44.22	E 44.20	44.20	36"	

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	McLeod	From Sunset To Sunrise
8 · 10	McLaughlin	
10 · 12	Collyer	
12 · 2	Morrison	
2 · 4	McRae	
4 · 6	Thomson	

O Richmond Mate. Alexr. S. Banks Master.

LOG of the *'Euterpe'* **From** *Glasgow* **Towards** *Dunedin*

CHIEF OFFICER'S LOG.

Sunday Sept 6th 1896.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
1	SSW	4	½	SSE	4		–	30/30	48	50	45	This day begins with moderate
2		4	½									winds clear, weather fine, sea
3		4	½						·	·	·	smooth, hazy around the
4	″	4	½	″								horizon
5		4	½		″			″				
6		4	½						·	·	·	
7	″	4	½	″				30/20	·	·		Sunday Respected
8		4	½		″				45	48	·	
9	″	4	½									
10		4	½	″								
11		4	½		″			″	·	·	·	
12	SWxS	4	½	SE.					·	·	·	wind increasing to a
1		6			5			″	42	45	45	strong breeze, wind inclined
2		6										to veer Eastwards, sky becoming
3	″	7		″					·	·	·	clouded & overcast, drizzling
4	SSW	7		SxE	6			30/10				rain, sea smooth,
5		8										
6		8			7				·	·	·	
7	″	9		″				″	39	42	–	
8		9										All lights lookouts pump &
9	SxW	9		ExS	″			30/	·	·	·	Ventilators strictly attended to
10		9										
11		9							·	–	·	
12	″	9		″	″			″				

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation~~ Error	Distance Run per Patent Log.
S44E	148.	104	100.	43.56	—	136.	46.34	No Obs.		44"	— "

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	McLaughlin	From Sunset To Sunrise
8 · 10	Collyer	
10 · 12	Morrison	
12 · 2	McCulloch	
2 · 4	McLeod	
4 · 6	Hamilton	

T Richmond Mate. Alexr. S. Banks Master.

LOG of the "Euterpi"

From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Monday Sept 7th 1896
1	S.S.E.	9		E.N.E.	Fr		—	30	38	41	31	This day begins with strong
2	"	9										steady wind with smooth
3	"	9							.	.	.	sea sky clouded & overcast
4	S.E.	9		N.E.								& fine drizzling rain
5	"	9			"			"	.	.	.	
6	"	9										People variously employed
7	S.E.E.	9		"					.	.	.	
8	"	9						"				Tradesmen at their respective
9	"	8		N.N.E.	"				.	.	.	duties
10	"	8										
11	S.E.	8		"				"	.	.	.	
12		8		"								
												Wind veering into the N.N.W.
1	"	9		N.N.W.	Fr		2	30	38	41	32	overcast & small rain
2		9										wind steady in force,
3		9							.	.	.	sea smooth,
4	"	9		"				"				
5		9		N.W.					.	.	.	
6		9			"							
7	"	9										
8		9										All eight lookouts
9	"	9		"	"				.	.	.	pumps & ventilators strictly
10	"	9						"				attended to.
11		9										
12	"	9		"	"				.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S.S.E.	212	39.	209.	44.36	44.34	290	57.27	51.28	21.28	32° E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McLeod
Benton
Bidwell
Thomson
McLeod
Hunter

LANTERNS HUNG OUT

From Sunset To Sunrise

J. Richmond Mate. Alex. S. Banks Master.

LOG of the "Euterpi"

From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Tuesday Sept. 8th 1896.
1	S.E.	8		N.W.	Fr		—	30	37	37	36	This day begins with strong
2		8										steady breze, clouded & overcast
3		8							.	.	.	sea smooth, weakly swell
4	"	8						"				
5		7		"	"				.	.	.	People variously employed
6		7										Tradesmen at their respective duties
7	"	7			6.			29/15	.	.	.	
8		7		"								
9		7							.	.	.	
10	"	7			"							
11		7						"	.	.	.	
12	S.E.	7		N.N.W.	Fr			29/30	34	38	37	Continued fresh breze with
1		8										smooth sea, weather fine, sky
2		8							.	.	.	breaking up & becoming fine
3	"	8	"	"	"			"				& clear, cloud from the N.W.
4		8							-	-	.	
5		8										
6	"	8	"					29/35	.	.	.	
7		8		"	"							All eight lookouts pumps &
8		8							.	.	.	Ventilators strictly attended to.
9	"	8	"		"							
10		8							.	.	.	
11		8										
12	"	8	"						.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S.E.	184.	14'	184	44.52	44.51	260.	55.47	55.44	55.44	34° E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Benson
McLeod
McLaughlin
Bidwell
Hunter
McCulloch

LANTERNS HUNG OUT

From Sunset To Sunrise

J. Richmond Mate. Alex. S. Banks Master.

LOG of the "Enterpe"
From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air	Temperature Water.	Deviation.	REMARKS, &c.
												Wednesday Sept. 9th 1896
1	SE. E	9		NW	8		—	29/82	43	43	31	This day begins with strong
2		9										NW wind, thick with drizzling rain
3		9							.	.	.	gusty. handed Small Canvas
4	"	9		"								& kept day & night
5		9										People variously employed
6	"	9										
7		9		"				29/11	.	.	.	Tradesmen at their respective duties
8		9										
9	"	9							.	.	.	
10		9		"								
11	"	9							.	.	.	wind drawing more Westerly
12	SE. E	9		Westerly	8			29/10	41	42	31	continued overcast, with fine
1		9										rain, Sea moderate,
2	"	9							.	.	.	
3		9		"	"							
4	"	9			6			"	.	.	.	Sky beginning to break & clear
5	SE	7		"							35	& wind falling away light &
6		7										Westerly Swell
7	"	7		"				29/14	.	.	.	
8	SE x E	7		"	4						34	
9		5										All lights lookout pumps
10	"	5		"					.	.	.	& Ventilators strictly attended to
11		5		"								
12	"	5						29/80	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 84 E	192.	10.	192	45.01	45.03.	2/2	60.20.	60.30	60.30	31/2 E	—

ON THE LOOK-OUT

From		To		NAME.	LANTERNS HUNG OUT
	6	8	4 6	Jles	From Sunset To Sunrise
	8	10	05	Pollock	
	10	12	8.10	Benson	
	12	2	10.12	Bedwell	
	2	4	12 2	McLeod	
	4	6	2 4	McLaughlin	
			4-6	Hunter	

O Richmond Mate. Alex. S. Banks Master.

LOG of the "Enterpe"
From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air	Temperature Water.	Deviation.	REMARKS, &c.
												Saturday Sept. 12th 1896
1	SE x E	9		SW	8		—	29/80	36	36	39	The day begin with strong Southerly
2		9										wind freshening into a moderate
3		9							.	.	.	gale. Sea moderate, handed
4	"	9		"								all Small Sail
5		10		"	8				.	.	.	
6		10										People variously employed
7	"	10						29/10	.	.	.	Tradesmen at their trades
8		10		"	"							
9		10							.	.	-	
10	"	10										
11		10		"				"	.	.	.	
12	SSE.	10		SSW	9			36	39	39		Continued strong steady
1		10						29/95				wind, Sea moderate Sky
2		10							.	.	.	clouded & overcast,
3	"	10		"	"							
4		10										Deck washed down & all
5	"	9		"				"	.	.	.	Decks swept & thoroughly
6	"	9			"							cleaned
7		9						30/	.	.	.	Carpents. oiled down aloft &
8		9		"	8							all machinery & deck.
9	"	8							.	.	.	
10		8										
11	SSE.	8		South	"			"	.	.	.	All lights lookouts pumps &
12	"	8		"								Ventilators strictly attended to
												wind Rauling ahead

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 84 E	223	19.	223.	44.54	44.56	3 1/5	63.13	63.10	63.10	39 W	—

ON THE LOOK-OUT

From		To	NAME.	LANTERNS HUNG OUT
	6	8	Jles	From Sunset To Sunrise
	8	10	J Thomson	
	10	12	Pollock	
	12	2	J Thomson	
	2	4	Benson	
	4	6	McLeod	

O Richmond Mate. Alex. S. Banks Master.

LOG of the "Eutelpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Sunday Sept. 13th 1896

Hrs.	Course	Distance Run Knots	Distance Run Fathoms	WINDS—see Formula Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Variation	REMARKS, &c.
1	East	6	½	SSE	5		—	30	52	10		This day begins with moderate
2	"	6	½									wind & squalls SE & East
3	E½N	5	½		4			.	.	.		cldy clearing weather fine
4		5	½	"								clouds after Chatham from
5	"	4	½					.	.	.		the SW. lower Chatham from
6	ESE	4	½	SE								SE. slowly. Sea quiet
7		4	½		3			.	.	.		
8	"	4	½									Sunday Respected
9		3	½	"	"			.	.	.		
10	"	3	½		2							
11	NNE	3	½	SE × E				.	.	.	19	
12	"	3	½		1							wind falling very light
1		2	½					.	.	.	.	clear & fine rehal braces
2	"	2	½	"	"							stuck up on Starbd tacks.
3		2	½	"				.	.	.	.	
4		2	½									
5	"	2	½					.	.	.	.	
6	NNE	2	½	Calms	1							
7		2	½					.	.	.	.	S. backed to the Southward
8	"	3	½		1							wind freshening sky cldy, cle
9	SSE	3	½	"	3			.	.	.	.	& fine. Southerly swell
10		3	½									
11	"	4	½	"	1			.	.	.	.	All lights lookouts pumps
12	"	4	½									Ventilators strictly attended to

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error	Distance Run per Patent Log.
N 39° E	94.	73	60.	43°44'	43°45'	84' E.	174°36'	174°54'	174°54'	Nil	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McCrae
Pollock
McLeod
Giles
Thomson
McLaughlin

LANTERNS HUNG OUT

From Sunset To Sunrise

J Richmond Mate. Alex. S. Banks Master.

LOG of the "Eutelpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Monday Sept. 14th 1896

Hrs.	Course	Distance Run Knots	Distance Run Fathoms	WINDS—see Formula Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Variation	REMARKS, &c.
1	E SE	1		NE	4		—	30	58.	52	36	This day begins with moderate
2												breze from the NE, clouded &
3												overcast, sea moderate, bar
4												slowly going down
5		1										
6								29/10				People variously employed
7												at sundry jobs around the decks
8		1										
9												Carpenter & Sailmaker at their
10												respective duties
11												
12	E × S	1		North	4			29/20	41	46	36	
1												continued moderate steady
2												wind veering Northerly & N.W
3		1										sea smooth sky overcast
4												with fine drizzling rain
5												
6		1						29/70				
7				NW								
8												All lights lookouts pumps
9		1										& Ventilators strictly attended
10								29/60				to.
11		1										
12												

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error	Distance Run per Patent Log.
N 76 E	123.	30.	119.	44°14'	—	166.	177°23'	No sun.		36'	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Pollock
McCrae
Giles
McLeod
McLaughlin
Thomson

LANTERNS HUNG OUT

From Sunset To Sunrise

J Richmond Mate. Alex. S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula Direction.	Force.	Sail Set.	Lee Way.	Barometer.	Temperature Air.	Temperature Water.	Error.
1	Sb½E	9		Westerly	8		—	29/10	39	41	10
2		9				[illegible]					
3		9							.	.	.
4	″	9		″	″			″			
5		9		WSW				29/6	.	.	.
6	″	9				[illegible]					
7		9			″				-	-	.
8		9		″				″			
9	″	9							-	.	.
10		9		″				29/4			
11	.	9			″				-	.	.
12	SxE	9		WSW					38	40	10
1		9			8:11			29/80			
2		9				Topsails			.	.	.
3	″	10		″							
4		10			″			″	.	.	.
5		10				Courses					
6	″	10		″				29/80	.	.	.
7		10			″						
8	″	10		″					.	.	.
9		10			″						
10		10						″	.	.	.
11	″	10		″							
12		10			″			″	.	-	.

REMARKS, &c.

Tuesday Sept^r 15 1896

This day begins with freshening gale from the Westw^d & W SW clearing up, handed small sail, sea making gradually

People variously employed

Tradesmen at their respective duties

Strong Gale handed Top Gallant sail vessel running with Gale on Starb^d quarter, topsails & Courses hard squalls at times high short sea, vessel taking heavy water on board at intervals,

All lights lookouts pumps & ventilators strictly attended to

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error	Distance Run per Patent Log.
N88E	226	10.	226	44.04	44.06	314	82.37	82.36	82.36	40'	—

ON THE LOOK-OUT	NAME.
From 6 To 8	McLeod
8 : 10	Bedwell
10 : 12	Hunter
12 : 2	McLaughlin
2 : 4	McCulloch
4 : 6	Benson

LANTERNS HUNG OUT From Sunset To Sunrise

O Richmond Mate. Alex^r S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula Direction.	Force.	Sail Set.	Lee Way.	Barometer.	Temperature Air.	Temperature Water.	Error.
1	SE	10		SW	9		—	29/90	38	41	40
2		10				[illegible]					
3		10							.	.	.
4	″	10		″							
5		10			″			″	.	.	.
6		10		″							
7	″	10							.	.	.
8		10			″			″			
9	″	10		″							
10		10							.	.	.
11	.	10		″	″			″	.	.	.
12	SE	10		WSW				29/90	39	42	40
1		9			8						
2		9				All Sail			.	.	.
3	″	9		″							
4		8	½		″			″	.	.	.
5		8	½	″							
6	″	8	½		7				.	.	.
7		8	½					″			
8		8	½	″							
9	″	8			″				.	.	.
10		8						29/60	.	.	.
11	″	8		″	″						
12		8		.				.	.	.	.

REMARKS, &c.

Wednesday Sept^r 16th 1896

This day begins with strong SW Gale, clear, sea moderate, vessel running with wind on quarter

People variously employed Carpenter & Sailmaker at their respective duties

Moderating & backing to the Westw^d cloudy & fine in appearance set all sail moderate Westerly sea,

All lights lookouts pumps & ventilators strictly attended to

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Error	Distance Run per Patent Log.
3°E	221.	78.	219.	44.32	44.50	303'.	87.38	87.40	87.40	40'	—

ON THE LOOK-OUT	NAME.
From 6 To 8	Bedwell
8 : 10	McLeod
10 : 12	McLaughlin
12 : 2	Hunter
2 : 4	Benson
4 : 6	McCulloch

LANTERNS HUNG OUT From Sunset To Sunrise

O Richmond Mate. Alex^r S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Thursday Sept. 17th 1896

Hrs.	Course	Knots	Fathoms	Wind Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Error	Remarks, &c.
1	SEbE	9		Westerly	8		—	29/50	42	46	40	This day begins blowing moderate
2		9										Gale from the Westd. cloudy & fine
3	"	9				All			.	.	.	high Westerly sea, vessel rolling
4		9		"	"							heavily at times. Barometer
5	"	9										falling.
6		9				Sail		"	.	.	.	
7	"	9		"	"				.	.	.	People variously employed at
8		9				Set						sundry jobs around the decks.
9	"	9						"	.	.	.	
10		9		"	"							Carpenter & Sailmaker at their
11		9						"	.	.	.	respective duties
12	S°E	9		WNW				29/40	43	47	40	
1		9			8							
2		9				All			.	.	.	Continued fresh wind gradually
3	"	9		"								backing into N.W. clouded &
4		9			"			"	.	.	.	overcast, showers at intervals
5		9				Sail						
6	"	9		"					.	.	.	
7		9			"	Set		"				
8		9		NW	7				.	.	.	
9	"	8										All lights lookouts pumps &
10		8		"				29/30	.	.	.	Ventilators strictly attended to.
11	"	8			"							
12		8		"	"				.	.	.	

BEARING & DISTANCE AT NOON.

Course	Distance	Difference Latitude	Departure	Latitude by Account	Latitude Observed	Difference of Longitude	Longitude by Account	Longitude by Chronometer	Longitude Observed	Error	Distance Run per Patent Log
S 81° E	218	32	210	45·06	45·04	294	90·34	90·38	90·38	40"	—

On the Look-out	Name
From 6 To 8	McLeod
8 : 10	Bedwell
10 : 12	Hunter
12 : 2	McLaughlin
2 : 4	McCulloch
4 : 6	Benson

LANTERNS HUNG OUT From Sunset To Sunrise

G. Richmond Mate. Alexr. S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Friday Sept. 18th 1896

Hrs.	Course	Knots	Fathoms	Wind Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Error	Remarks, &c.
1	S°E	8		West	7		—	29/30	40	42	40	This day begins with fresh Westerly
2		8										wind, unsteady, showers.
3		8		"		All			.	.	.	high Westerly swell, growing
4	"	8			"			"				
5		8		WNW								People variously employed.
6	"	8				Sail			.	.	.	
7		8			"			"				Tradesmen at their respective
8		8		"					.	.	.	trades
9	"	7				Set						
10		7		"	"			"	.	.	.	
11	"	7										
12	SbyE	7		NW	6			29/25	43	46	40	Wind N.W. moderate, clear
1		7										overhead heavy banks of winter
2		7				All			.	.	.	hanging around the horizon
3	"	7		"	"							
4		7						"	.	.	.	Barometer slowly falling
5		7		"		Sail						
6	"	7			"							
7		7				Set		"	.	.	.	
8		8										All lights lookouts pumps
9	"	8		"	"				.	.	.	& Ventilators strictly attended to
10		8						"				
11	"	8			"				.	.	.	
12		8		"								

BEARING & DISTANCE AT NOON.

Course	Distance	Difference Latitude	Departure	Latitude by Account	Latitude Observed	Difference of Longitude	Longitude by Account	Longitude by Chronometer	Longitude Observed	Error	Distance Run per Patent Log
S 81 E.	181	23	178	45°27	45·28	251	96·47	96·49	96·44	40"	—

On the Look-out	Name
From 6 To 8	Bedwell
8 : 10	McLeod
10 : 12	McLaughlin
12 : 2	Hunter
2 : 4	Benson
4 : 6	McCulloch

LANTERNS HUNG OUT From Sunset To Sunrise

G. Richmond Mate. Alexr. S. Banks Master.

LOG of the "Eutaipi"

From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Saturday Sept. 19th 1896
1	SE	8		NW	4		—	29/10	113	46	110	This day begins with showy
2		8				Lay						bergs from N.W. with thick
3		8		"		Lay						drizzling rain high & weakly
4	"	8		"	"	Reef		4				swell,
5		8				Reef						
6		8		"		Reef						People variously employed
7	"	8			"	Reef						Tradesmen at their respective
8		8				Reef		1				duties
9		8										
10	"	8		"	"							
11		8						1				
12	SE&S	8		NW	4			29/15	113	46	110	Continued showy wind increasing
1		8										to a gale, vessel running with
2		8				Lay						reefed or greater, thick drizzling
3	"	8		"		Lay						rain Barometer falling slowly.
4		8		"	"	Reef		4				
5		9				Reef						
6	"	9		"	8	Reef		29/10				
7		9				Reef						All lights lookouts pumps
8		9			4							& ventilators strictly attended
9	"	9		"				4				
10		9			4							
11	"	9						4				
12		9		"								

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S48E	900	41.	196	46.04	—	282.	101.30	Not Obs.		40"	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McLeod
McCrae
Morrison
McLaughlin
McCulloch
Collyer

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex J. S. Banks Master.

LOG of the "Eutaipi"

From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Sunday Sept 20th 1896
1	SSE	9		WNW	8		—	29/0	114	47	38	This day begins with moderate
2		9				Lay						NW gale with drizzling rain, high
3	"	9				Lay		1				Weakly Sea, 3. wind shifted to
4		9		"	"	Reef						Westward & finally NW. vessel
5		9		West		Reef		29/15				running under Main Lug gaff mizzen
6	"	9				Reef						sail, wind quartely. vessel shipping
7		9			"	Reef						heavy water at intervals.
8		9		"								
9		9						29/2				Sunday Respected.
10	"	9										
11		9		NW								
12	SSE&E	9			8			4/11	113	35		
1		9				Lay						continued strong NW wind
2		9		"		Lay						with high sea, squalls of
3	"	9				Reef		29/30				snow & hail, decks frequently
4		9				Reef						flooded.
5		9		"		Reef						
6	"	9		"		Reef		"				
7	SSE	9		"		Reef		29/				Wind backing gradually.
8		9		WSW	"			29/40				
9	"	9										All lights lookouts pumps &
10		9		"	"			"				Ventilators strictly attended to.
11		9						"				
12	"	9		"				"				

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S5°E	216.	23.	216.	45.54	45.46	313	106.42	106.41	106.45	24°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McCrae
McLeod
McLaughlin
Morrison
Hunter
McCulloch.

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex J. S. Banks Master.

LOG of the "Enterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run: Knots	Distance Run: Fathoms	WINDS—see Formula: Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Monday Sept. 21st 1896
1	SE.	10		Westerly	9		—	29/0	42	45	31	This day begins with strong
2		10				Lay to						gale from Westward, backing into
3		10										W.S.W. weather looking ugly, high
4	"	10		"	"			"				mountainous Sea rolling at
5		10				Lay to						times vessel running under
6		10		WNW								Topsail & Foresail,
7		10			"	Foresail		29/0				
8	"	10										
9		10		"	10							increasing to a whole gale
10		10						"				handed after Topsail Squalls
11	"	10		"	"							of hurricane force, high
12	SE by E	10						29/10	43	47	30	Sea running, taking very
1		10										heavy Seas on board at times
2		10		"	4	Lower Topsail						vessel pooling & straining in
3	"	10						"				a violent Manner.
4		10										
5		10		"	4	Lay to						
6	"	10				Lower Topsail		1				
7		10		WSW				29/11				wind gradually moving westerly
8		10			4	Foresail						Gale moderating, sky still
9	"	10										clouded & overcast.
10		10		"				29/10				
11	"	10										All light lookout pumps &
12		10		"								Ventilators strictly attended to

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				S.				Sept 21			
S 44 E	340	47'	235'	46.31	46.29	339	117.31	117.19	117.19	24°	

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McLeod
McCrae
Morrison
McKaugh
McCulloch
Hunter

LANTERNS HUNG OUT

From Sunset To Sunrise

A Richmond Mate. Alex. L. Banks Master.

LOG of the "Enterpe" From Glasgow Towards Dunedin.

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run: Knots	Distance Run: Fathoms	WINDS—see Formula: Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Tuesday Sept. 22nd 1896.
1	SE	10		WSW	10		—	29/0	42	44	31	This day begins with whole gale
2		10				Try sails						gradually moderating into a
3	"	10										strong gale, with squalls, set Main
4		10		"	"							& Fore after Topsails, high sea, decks
5		10										frequently flooded,
6	"	10			9							Moderating - Set Main & Foregallantsail
7		10		"		Lay to						vessel running with wind gradually
8		10						29/10				
9	"	10		"	"	Lay to under Foresail						Ropes variously employed
10		10										Tradesmen at their respective trades
11	"	10										
12	SE by S	10		WSW	"			29/0	42	44	31	
1		10			9							Blowing a moderate gale, with
2	"	10										hard Hail & Snow Squalls, set
3		10		"		Lay to						Fore topgallantsail, high Sea
4		10			"	Lay to						Sea running, vessel rolling &
5	"	10				Lay to		29/0				straining heavily & shipping very
6		10		"		Lay to						heavy quantities of water on Deck
7		10				Lay to						
8	"	10			"	Lay to						
9		10		"								All light Lookout pumps &
10	"	10						"				Ventilators strictly attended to
11	"	10		"	"							
12	"	10						29/0				

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				S.							
S 80 E	240	47	235.	47.18	47.15	341'	118.09	118.11	118.09	24°	— —

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McCrae
McKeod
McCulloch
Morrison
Hunter
McKaugh

LANTERNS HUNG OUT

From Sunset To Sunrise

A Richmond Mate. Alex. L. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course.	Knots	Fathoms	Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	[?]
1	SExE	10		WSW	9.		—	29/72	40	48	34
2		10				[illegible]					
3		10									
4	"	10		"					.	.	.
5		10						"			
6	"	10		"	"				.	.	.
7		10						29/80	.	.	.
8		10		"							
9	"	10							.	.	.
10		10						"			
11	"	10		"	"						
12	SE½E	9		WSW	8			29/80	40	42	23
1		9									
2		9				[illegible]					
3	"	9		"					.	.	.
4		9			"			"			
5	"	9		"					.	.	.
6		9						"			
7	"	9		"	"				.	.	.
8		9						29/90			
9	"	9		"					.	.	.
10		9									
11	"	9			"			"	.	.	.
12		9.		"	"			"	.	.	.

REMARKS, &c.

Wednesday Septr. 23rd 1896

This day begins with fresh gale from W.S.W. sea high short & confused, causing vessel to roll & labor in a dreadful manner & taking heavy quantities of water on board, smashed one of bridge planks under Starbd. lifeboat, one heavy sea also main rail & topgallant bulwark stove in on port side amidships

Moderate gale with nasty confused sea rolling up vessel running under topgallantsail, wind quarterly. vessel straining & labouring violently & frequently flooding the decks

All lights lookouts pumps & Ventilators strictly attended to

BEARING & DISTANCE AT NOON.

Course.	Distance.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
81 E	233	36.	230.	47.10	47.51	341.	123.13	123.45	123.45.	17"	—

ON THE LOOK-OUT		NAME.
From 6	To 8	McLeod
8	10	McCrae
10	12	Morrison
12	2	McLaughlin
2	4	McCulloch
4	6	Hunter

LANTERNS HUNG OUT From Sunset To Sunrise

C. Richmond Mate. Alexr. S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course.	Knots	Fathoms	Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	[?]
1	ESE	9		Westerly	8		—	30/15	48	46	17
2		9				[illegible]					
3	"	9									
4		9		"	"						
5		9						"	.	.	.
6	"	9									
7		9		"	"			"	.	.	.
8		9									
9	"	9							.	.	.
10		9		"	"						
11	"	9						"	.	.	.
12		9		WNW	8			30/11	44	47.	10
1	ExS	9	½								
2		9	½			[illegible]			.	.	.
3		9	½	"	"			"			
4	"	9	½						.	.	.
5		9									
6		9		"	"			"	.	.	.
7	"	9									
8		9									
9	"	9		"	"			"	.	.	.
10		9									
11		9			"				.	.	.
12	"	9		"				"	.	.	.

REMARKS, &c.

Thursday Sept. 24th 1896.

This day begins with moderate Gale, & fine clear weather wind steady, sea becoming moderate

People variously employed getting cargo gear ready & all guns overhauled,

Tradesmen at their respective trades,

Wind backing into the W. & sea becoming very quiet, clear & fine in appearance

All lights lookouts pumps & Ventilators strictly attended to

BEARING & DISTANCE AT NOON.

Course.	Distance.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
4 E.	218.	13	218.	48.03	48.09	386.	129.09	129.04	129.4	8"	—

ON THE LOOK-OUT		NAME.
From 6	To 8	McCrae
8	10	McLaughlin
10	12	McCulloch
12	2	Morrison
2	4	Hunter
4	6	McLeod

LANTERNS HUNG OUT From Sunset To Sunrise

C. Richmond Mate. Alexr. S. Banks Master.

LOG of the "Eutelpe"
From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Friday Sept 25th 1896
1	E×S.	8		WNW	4		--	30/0	44	47	7W	This day begins with fresh
2		8										breeze, clear & fine, the smoky
3		8		"		Q		.	.	.	.	weather looking very fine.
4		8			1	Q						
5	"	8				Sail		.	.	.		People getting up cables & bends
6		8				Sail						on anchors,
7	East	8		1		Sail		.	.	.	5W	
8		8			1	Ex						Carpenter & Sailmaker at their
9		8						.	.	.		respective duties
10	1	8		1								
11		8			1							
12		8		WNW	6			29/6	44	47	5W	
1	E×N	4	½									Mid- Moderate & fresh breeze
2		4	½									sky becoming cloudy & overcast
3		4	½								3E	Sea smooth.
4		4	½	"	4	Q		.	.	.		
5	1	4	½									
6		4	½		4	Sail		.	.	.		
7	"	4	½	"		Sail		.	.	.	4W	
8		4	½		4	Sail						All light lookouts pumps &
9		4	½			Ex						Ventilators strictly attended to
10	1	4	½					.	.	.	5W	
11		4	½	4	4							
12	"	4	½					.	.	.		

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				° ′	° ′		° ′	° ′			
S 86° E.	186	12	186.	48-16	48-16	248.	133 44	133 50.	133 50	1 W	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McLeod
McCrae
Morrison
McLaughlin
McCulloch
Hunter

LANTERNS HUNG OUT

From Sunset To Sunrise

E Richmond Mate. Alex S. Banks Master.

LOG of the Eutelpe
From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Saturday Sept 26th 1896
1	E×N	9		WNW	8		--	30/	45	48	13W	This day begins with freshening
2		9				Q						gale, cloudy & overcast, small
3		9				Sail			.	.	.	drizzling rain, sea rising, handed
4	1	9		1		Sail						small canvas
5		9			1	Sail			.	.	.	People variously employed
6		9				Sail						
7	1	9				Sail			.	.	.	Carpenter & Sailmaker at their
8		9		1								respective duties
9		9	½		1			29/0	.	.	.	
10		9	½	1								
11	"	9	½						.	.		
12	E×N	9	½	WxN	9			45	48	44	E	Blowing fresh gale, steady
1		10										sky cloudy & overcast, drizzling
2		10				Q			.	.	.	rain, high westerly sea rolling
3	"	10	1	1		Sail						up, vessel rolling & chains heavily
4		10				Sail			1	.	.	& taking heavy water on board
5		10				Sail						handed fore & Mizen Topgallantsail
6	1	10		1				29/0	.	.	.	vessel running under M^n Topsail
7		10			1	Sail						lowstuns & Courses.
8		10							.	.	.	
9	"	10		1					1	.	.	
10		10			1							All light lookouts pumps &
11		10		1					.	.	.	Ventilators strictly attended to.
12	"	10							"	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				° ′			° ′				
S E.	230.	18.	229.	48-33	/	346.	139-32	No Obsn.		14 E.	

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McCrae
McLeod
McLaughlin
Morrison
Hunter
McCulloch.

LANTERNS HUNG OUT

From Sunset To Sunrise

E Richmond Mate. Alex S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Fathms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Sunday Sept. 27th 1896.
1	E×N	10		Westerly	9		—	29/10	46	48	13	This day begins with fresh
2		10										westerly Gale steady in force &
3		10										direction slightly overcast,
4	"	10										clear at intervals. Ship
5		10		"	"			"				rolled rolling & raining heavily
6	"	10										& taking occasional heavy water
7		10										
8		10		"	"			"				Sunday Respected,
9	"	10										
10		10										
11		10		"	"			"				
12	E×N	10		Westerly	8			29/10	46	48	13	Gale moderating in force
1		9	½									steady in direction clear
2		9	½									& overcast alternately high
3		9	"	"								sea, vessel running under
4	"	9	"		"			"				lower topgallant sail & courses,
5		9										
6		9		"	"			"				
7	"	9										
8		9		"	"			"				
9	"	9										All lights lookouts pumps
10		9		"	"							& ventilators strictly attended to
11	"	9						"				
12		9		"				"				

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				S.	S.			E.	E.		
S 86° E.	930	18	288	48°53'	48°56'	3'46	145°18'	145°16'	145°12'	14°	—

ON THE LOOK-OUT

From		To	
	6	"	8
	8	"	10
	10	"	12
	12	"	2
	2	"	4
	4	"	6

NAME.

M'Laughlin
Morrison
Hunter
M'Culloch
M'Leod
Benson

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex.d S. Banks Master.

LOG of the "Euterpe" From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Fathms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Monday Sept. 28th 1896.
1	E×N½N	8		Westerly	7		—	29/6	44	46	14	This day begins with fresh breze
2		8										cloudy & fine, clear overhead occasionally
3		8										sea moderate
4	"	8		"	"			"				
5		8										People variously employed
6	"	8										
7		8		WNW				"				Carpenter & Sailmaker at their
8		8										respective duties
9	"	7		"	6			29/7				
10		7										
11	"	7		"	"							
12	E×N½N	7		"				" 44	46	14		moderate to fresh breeze, clear
1		7		NW				29/10				& cloudy alternately, sea moderate
2		7										barometer falling, wind very
3	"	8			7							unsteady in direction
4		8		"				"				
5	"	8										
6		8		"	"			"				
7	"	8										
8		8		WNW				29/10				All lights lookouts pumps &
9	"	8										Ventilators strictly attended to.
10		8										
11		8		"				"				
12		8		"				"				

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				S.	S.			E.	E.		
West	186	4.	186'	48°58'	49°00'	3'83	150°20'	150°00'	150°00'	13°	—

ON THE LOOK-OUT

From		To	
	6	"	8
	8	"	10
	10	"	12
	12	"	2
	2	"	4
	4	"	6

NAME.

Morrison
M'Laughlin
M'Culloch
Hunter
Benson
M'Leod

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond. Mate. Alex.d S. Banks Master.

LOG of the "Eutepe"

From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run Knots	Distance Run Fathoms	WINDS—see Formula Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Tuesday Sept: 29th 1896
1	S.E.	8		W	7		—	29/40	44	47	16	This day begins with moderate
2	"	8		"	"	Reefed		"	"	"	"	wind from the West: & W.S.W. handed
3	"	8		"	"	"		"	"	"	"	all Small sail, Barometer Commences
4	"	8		W.S.W.	"	"		"	"	"	"	increasing rapidly to a whole
5	"	8		"	8	"		29/50	"	"	"	Gale with violent gusts, reduced
6	N.E.	8		"	"	Close reefed		"	"	"	"	sail to Close topsails & foresail
7	"	8		"	"	"		"	"	"	"	Sea rising rapidly to a great
8	"	8		"	"	"		"	"	"	"	height,
9	N.E.	9		"	9	"		29/20	"	"	"	Stormy fierce gale with violent
10	"	9		"	"	"		"	"	"	"	gusts Kept ship away two Pts &
11	"	9		"	"	"		"	"	"	"	Ran it out, Oil Bags over
12	"	9		W.S.W.	"	"		"	42	45	16	the stern, Sea rolling up like
1	N.E.×N.	9		"	10	Close reefed		29/10	"	"	"	a mountain astern, decks flooded
2	"	9		"	"	"		"	"	"	"	at time, rolling tophamms in
3	"	9		"	"	"		"	"	"	"	a violent Manner,
4	"	9		"	"	"		"	"	"	"	
5	"	9		"	"	"		"	"	"	"	
6	"	9		"	"	"		"	"	"	"	
7	"	9		"	"	"		"	"	"	"	continued stormy fierce
8	"	9		"	"	"		29/15	"	"	"	with squalls of heat variable
9	N.E.	8		"	"	"		"	"	"	"	throughout the remainder of
10	"	8		"	"	"		"	"	"	"	this day
11	"	8		S.W.	"	"		"	"	"	"	
12	"	8		"	"	"		29/30	"	"	"	All light lookout pumps &
												Ventilator strictly attended to

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N 41 E	204	66	193	47.11	—	289.	107.53	—	No Obs	16° E	

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McLaughlin
Morrison
McCulloch
McLeod
Hunter
Benson

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex J. S. Banks Master.

LOG of the "Eutepe"

From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run Knots	Distance Run Fathoms	WINDS—see Formula Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Wednesday Sept: 30th 1896
1	N.E.	8		S.W.	9	Close reefed	—	29/12	42	46	17	This day begins with strong
2	"	8		"	"	"		"	"	"	"	Gale from S.W. with heavy squalls
3	"	8		"	"	"		"	"	"	"	but gale breaking & gradually
4	"	8		"	"	"		"	"	"	"	Ceasing in fore squalls less
5	"	8		"	4	4		29/10	"	"	"	frequent & less weight set
6	"	8		"	"	Close reefed		"	"	"	"	upper topsails set & M: Top M.S.A.
7	"	8		"	"	"		"	"	"	"	vessel labouring heavily & shipping
8	"	8		"	"	"		"	"	"	"	heavy water
9	"	8		"	"	Reefed		"	"	"	"	
10	"	8		"	1	"		29/40	"	"	"	M. Top gallant sails moderated
11	"	8		"	"	"		"	"	"	"	rapidly & seen going down.
12	E.N.E.	8		S.W.	7	"		"	42	44	18	
1	"	7		"	"	"		"	"	"	"	
2	"	7		"	"	"		29/30	"	"	"	Wind falling away to a
3	"	7		"	6	Reefed		"	"	"	"	moderate breeze rather unsteady
4	"	7		"	"	"		"	"	"	"	in direction set all sail
5	"	7		"	"	"		"	"	"	"	
6	E.N.E.	7		"	4	Close reefed		29/60	"	"	"	
7	"	6		"	"	"		"	"	"	"	
8	"	6		"	5	Reefed		"	"	"	"	All light two hands pumps &
9	East	6		"	"	"		"	"	"	"	Ventilators strictly attended to
10	"	6		"	"	"		"	"	"	"	
11	"	6		"	"	"		29/40	"	"	"	
12	"	6		"	"	"		"	"	"	"	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
E 4 S	174.	19'	173'	45.10	45.09	258	109.13	109.10	109.10	18° E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Morrison
McLaughlin
McCulloch
Hunter
Benson
McLeod

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex J. S. Banks Master.

LOG of the "Europe"
From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Thursday Oct 1st 1896
1	E×N	7		SW	6		—	29/10	44	44	20	This day begins with fresh to moderate winds clear fine sea moderate,
2		7										
3		7		"	"			"	.	.	.	
4		7										
5	"	7										People employed getting up cable on deck, & various other
6		7		"								
7	"	7			"			29/50	.	.	.	sundries
8		7										
9		7	2	"					.	.	.	Carpenter & Sailmaker overhauling
10		7	2		"			"				donkey engine & getting everything
11	"	7	2	"					.	.	.	connected with it, preparatory for
12	E×N	7	2	SSW	6			29/90	40	43	22	discharging Cargo
1		7	2									
2		7	2									
3	"	7	2	"	"				.	.	.	
4		7	2					"				Wind veering Southerly
5	"	7	2	"	"				.	.	.	clear fine sea smooth
6		7	2					30				showers of rain passing
7	"	7	2	"	"				.	.	.	along the weather horizon
8		7	2									
9		7	2						.	.	.	
10	"	7	2	"	"			"				All lights lookout pumps
11		7	2						.	.	.	& Ventilators strictly attended to
12	"	7	2	"				"				

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 80 E	176	30	173.	48°40 S	48°43	258	161°29	169°50 E.	169°30	21 E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.
McCulloch
Hunter
Benson
McLeod
Thomson
Jle

LANTERNS HUNG OUT
From Sunset To Sunrise

J Richmond Mate. Alex. S. Banks Master.

LOG of the "Europe"
From Glasgow Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Friday October 2nd 1896
1	NE.	6		Southerly	5		—	30.	40	46	20	This day begins with moderate winds from Westward, clear fine
2		6										
3		6		"				"	.	.	.	slight showers at intervals. Sea
4	"	6										smooth
5		6		"				"	.	.	.	
6		6										People variously employed, cleaning
7	"	6		"				"	.	.	.	Paintwork, oiling Deckwork & Port
8		6										Poker sundries
9	"	6		"					.	.	.	
10		6										Carpenter & Sailmaker employed
11		6		"					.	.	.	getting Donkey Engine in proper
12	NE	6		Southerly	5			30	40	48	20	working order, got steam up & tried
1		6										everything.
2		6		"								
3	"	6		"	"				.	.	.	Continued moderate Southerly winds
4		6										clear fine. Showery. Sea smooth
5	"	6		"					.	.	.	& am Sighted Snares Island bearing
6		6		"	"				.	.	.	North 10 miles.
7		6		"								
8	"	6										
9		6		"					.	.	.	Snares Abeam, bearing N.W. 10 miles
10	"	6		"	"				.	.	.	at Patent Log.
11		6										
12	"	6		"					.	.	.	All lights lookout pumps & Ventilators strictly attended to.

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N 4 E	144.	33.	140	48°11 S	48°10	209.	166°58	166°59 E.	166°59	30 E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.
Hunter
McCulloch
McLeod
Benson
Jle
Thomson

LANTERNS HUNG OUT
From Sunset To Sunrise

J Richmond Mate. Alex. S. Banks Master.

LOG of the *Euterpe* From *Glasgow* Towards *Dunedin*

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation
1	NE×N	6		SW	5		—	30/	41	43	31
2		6									
3		6									
4		6									
5		6									
6		6									
7		6									
8		6									
9		6									
10		6									
11		6									
12	NE½N	6		SW	5			30/	42	44	31
1		6									
2		6									
3		6									
4		6									
5		6									
6		6									
7		6									
8		6									
9		6									
10		6									
11		6									
12		6									

REMARKS, &c.

Saturday October 3rd 1896

This day begins with moderate SW. winds clear & fine showery at intervals sea smooth

Snares Island dipping bearing W×N.

People employed getting Anchor over the bow, also cleaning ship & otherwise getting ship ready for Port.

Continued moderate SW & W. winds cloudy & clear alternately sea smooth,

Decks washed down & all Berths forecastle &c thoroughly cleaned Carpenter oiling down also all winches, steering gear windlass &c &c

All lights lookouts pumps & Ventilators strictly attended to

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error	Distance Run per Patent Log.
N64E	144	56	133.	47.14.	47.15	194.	169.54	169.59	169.59	31°	—

ON THE LOOK-OUT	NAME.
From 6 To 8	McCulloch
8 – 10	Hunter
10 – 12	Morrison
12 – 2	McCrae
2 – 4	McLeod
4 – 6	Thomson

LANTERNS HUNG OUT From Sunset To Sunrise

C Richmond Mate. Alexr S. Banks Master.

LOG of the 'Euterpe' From *Glasgow* Towards *Dunedin*

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation
1	N×E½E (?)			SW	6		—	30/	41	43	31
2											
3					4						
4											
5					4						
6											
7	ESE										
8											
9				South							
10	SE×E										
11											
12											
1	NW×N			Southerly	6						
2											
3											
4											
5	Var.										
6											
7	NW										
8	Coasting Courses										
9											
10											
11											
12											

REMARKS, &c.

Sunday October 4th 1896.

This day begins with moderate breeze from Westwd. clear, sky clouded overhead, showers frequently. 4- Sighted Nugget Hoisted Flags,

6. Otago Heads in sight on Port bow, bearing North 30 miles braced up & stood off on Starbd Tack under topsails & foresail

12. Wore ship & stood in on Port Tack.

Sighted Cape Saunders Light bearing North P.L. 44 miles Hove to.

Squared away Cape Saunders bearing N.N.W.

Cape Saunders abeam W.N.W. 4'.

Taiaroa Hd. bearing W. rounded to & got Pilot. 11.30 tug Plucky took us in tow & proceeded to Powder Ground in charge of Mr McGlue (?) Pilot. Moored with 45 each way.

Here Ends Astronomical Time

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
Coasting											

ON THE LOOK-OUT From To

NAME. F McLaughlin Night Watchman

LANTERNS HUNG OUT From Anchor Light hung from Sunset to Sunrise

C Richmond Mate. Alexr S. Banks Master.

LOG of the Euterpe ~~From~~ at ~~Towards~~ Port Chalmers

CHIEF OFFICER'S LOG.

Hrs.		Distance Run. Knots	Fathoms	WINDS—see Formula Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Monday Oct. 5th 1896.
1												This day begins with calm weather
2												crew sending down royal yards unbent
3												Mainsail & Crojack & got all cargo gear
4												arranged preparatory for making a
5												start tomorrow morning.
6												
7												Tuesday Oct 6th 1896.
8												fine calm weather hulk Ellen
9												Vernon came alongside 6 a.m. &
10												moored alongside, started discharging
11												cargo 8 am, finished 5 P.m.
12												
1												Wednesday Oct 7th/96.
2												Moderate N.W. winds clear & fine
3												crew employed discharging cargo
4												finished 5 P.m
5												
6	Donkey broke down this morning											Thursday Oct. 8th/96
7	discovered boiler to be leaking owing											fresh Northerly winds, crew employed
8	to hole being found there, obliged to hire											discharging cargo, all day finished 5 P.m.
9	hulk donkey to proceed with the unloading											
10												Friday Oct 9th
11												Shift of wind to the S.W. crew employed
12												discharging cargo all day.

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From To	P. McLaughlin Night Watchman	Anchor light hung out From Sunset To Sunrise

Mate. Alexr. S. Banks Master.

LOG of the "Euterpe" ~~From~~ at ~~Towards~~ Port Chalmers.

CHIEF OFFICER'S LOG.

Hrs.		Distance Run. Knots	Fathoms	WINDS—see Formula Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Saturday Oct 10th 1896
1												Strong S.W. winds, clear & fine, crew
2												employed discharging cargo into hulk
3												all day finished 5 P.m.
4												
5												Monday Oct. 12th/96.
6												Moderate & fine, crew employed discharging
7												cargo all day. finished 5 P.m.
8												
9												Tuesday October 13th.
10												Moderate N.W. winds, crew employed
11				Mean Draft when)								discharging cargo all day finished 3
12				Lightened - 17. 10.								P.m. sufficiently lightened to go up the river
1				Pilot McDonald in charge.								unmoored & hove up Starbord Anchor, catted it.
2												Wednesday Oct 14th
3				This being a holiday—								Hove up 6 a.m. & proceeded up to Dunedin
4				no cargo discharged								in tow of tugs "Plucky" & Koputai, ~~reached~~ the
5				this day.								Victoria wharf & moored alongside, finished
6												11 a.m.
7												Thursday Oct 15th.
8												Moderate & fine, crew employed discharging
9												cargo all day, finished 5 P.m.
10												Friday Oct 16th
11												fresh S.W. wind crew employed discharging
12												cargo all day. finished 5 P.m.

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From To	P. McLaughlin Night Watchman	Gangway light hung out From Sunset To Sunrise

[illegible] Mate. Alexr. S. Banks Master.

LOG of the "Euterpe" From ~~From~~ at ~~Towards~~ Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	WINDS—see Formula. Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
1											Saturday Oct. 17th 1896.
2											fresh S.W. wind, clear fine, Crew
3											employed discharging Cargo
4											all day finished 1 P.M.
5											Monday Oct. 19th 96.
6											strong S.W. wind, Crew employed
7											discharging Cargo, finished 5 P.M.
8											
9											Tuesday Oct 20th /96
10											fresh S.W. wind, rain, Crew
11											employed taking in Ballast.
12											
1											Wednesday. Oct 21st.
2											strong N.E. wind showery at times
3											Crew employed taking in ballast
4											also discharging Cargo - Afts Hold
5											
6											Thursday. Oct 22nd.
7											strong N. wind showery Crew
8											taking in Ballast also discharging
9											out of afts Hatch
10											Friday Oct. 23rd.
11			Moderate	fine							Crew employed discharging Cargo
12											out of Fore after Hatch

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

ON THE LOOK-OUT

From To

NAME.

J. Laughlin
Night Watchman

LANTERNS HUNG OUT

From Dark To Daylight

J. Richmond Mate. Alex. S. Bain Master.

LOG of the "Euterpe" From ~~From~~ at Towards Dunedin

CHIEF OFFICER'S LOG.

Hrs.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	WINDS—see Formula. Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
1											Sat. Oct. 24th. 1896
2											fresh Northerly wind - Crew employed
3											discharging Cargo. Fore & Afts Holds
4											finished Fore Hatch 12 noon
5											Monday Oct 26th
6											fresh Northerly wind, showery.
7											crew employed discharging Cargo
8											finished after Hatch 5 P.M, then
9											completing all Dunedin Cargo
10											Tuesday Oct 27th
11											moderate fine, employed
12											taking in ballast in afts Hold
1											
2											Wednesday Oct 28th /96
3											fresh N.W. wind showery, finished
4											all Wool Ballast 4 P.M. getting
5											ship ready for sea,
6											
7						Draft Crown					Thursday Oct 29th
8						Forward	17ft.				Unmoored 8 a.m & proceeded
9						Aft	16.4.				down the river in tow of tugs
10											Plucky & Kopitiaie in charge of
11											Pilot McDonald. cast off tugs at
12											Heads & proceeded under all sail towards Wellington

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

ON THE LOOK-OUT

From To

NAME.

J. Laughlin
Night Watchman

LANTERNS HUNG OUT

From Dark Till Daylight

J. Richmond Mate. Alex. S. Bain Master.

LOG of the Euterpe From Dunedin Towards Wellington

CHIEF OFFICER'S LOG.

Hrs.	Courses	Knots	Fathoms	Wind Direction	Wind Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c. Friday Oct. 30th 1896.
1												
2												
3												
4												
5				Northerly								Standing off. wind Northerly
6												shifted to S.W. 8 P.m. squared
7				〃								away. Set Patent Log.
8												Strong wind & overcast sky.
9	N.E.	9		S.W.	8	[illegible]	–	29/..	49.	47.	6E	vessel proceeding up coast.
10	〃	9										hard squalls at intervals
11	〃	9		〃	〃	[illegible]		〃				wind gradually drawing more
12	〃	9		〃	〃			〃				Southerly.
1	〃	8		S.				29/10				
2		8			7				.	.	.	Continued fresh wind unsteady
3	〃	8										in force,
4		8		〃	〃			〃				
5	〃	9			8							
6	North	9						29/10	.	.	.	
7		8	½		7							
8	〃	7	½	〃								
9		7	½		6			29/20	.	.	.	11 Akaroa Hd. abeam bearing W×N.
10	〃	6	½	〃	5							wind gradually falling light
11		5	½		4			〃				All lights lookouts pumps & ventilation
12	〃	4	½	〃	3				.	.	.	strictly attended to.

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N 44 E	126.			44°23' S	44°00' S		173° E	173.22	173.44	14 E	152.

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	McCrae	From Sunset To Sunrise
8 · 10	Thomson	
10 · 12	Pollak.	
12 · 2	Bedwell	
2 · 4	Benson	
4 · 6	McLeod.	

O. Richmond. Mate. Alexr. S. Banks Master.

LOG of the Euterpe From Dunedin Towards Wellington

CHIEF OFFICER'S LOG.

Hrs.	Courses	Knots	Fathoms	Wind Direction	Wind Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c. Saturday Oct 31st 1896.
1	N×W	3	½	Easterly	2	[illegible]	--	29/40	56	58	6E	This day begins with light Easterly
2		3	½									winds, clear & very fine sea
3	〃	3	½	〃	〃				.	.	.	smooth. Coast line visible
4	〃	3	½					〃				
5	North.	4	½	〃	3				.	.	.	Lyttelton Hd. Bearing W¼S. Dist
6		4	½									30 miles, Pat Log 18.
7	〃	4	½		〃	[illegible]		〃	.	-	.	
8	〃	4	½	〃								breeze freshening slightly
9	N×E	5										
10	〃	5										
11	N×W	4						〃				11 tacked ship to the E & S.
12	ESE	4										
1	E×N	4						29/30				wind light & variable
2	ENE	4										unsteady in force & direction
3	〃	4										
4	〃	4										
5	〃	3						〃				5 tacked to the N & W. light
6	WNW	3										& variable
7		4										
8	〃	4						29/48				drizzling rain & misty
9	〃	3										
10	〃	2										11 tacked to the N E
11	NE	2						〃				All lights lookouts pumps
12	〃	2										& ventilation strictly attended to

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N 26° E	60'.	54' N	26' E	43.6 S	Not obs.	35	173.16	173.17 E	173.17.	16 E	97.

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Thomson	From Sunset To Sunrise
8 · 10	McCrae	
10 · 12	Collyer	
12 · 2	Pollok	
2 · 4	McLeod	
4 · 5.	Benson	

O. Richmond Mate. Alexr. S. Banks Master.

LOG of the Euterpe From Dunedin Towards Wellington

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c. Sunday November 1st 1896
1	SE	1		Var	0		—	29/62	57	57	6E	This day begins with thick
2	"	1										rainy weather wind light
3	N×E	1		E	"	All		"	.	.	.	+ unsteady in force + direction
4	"	3			2							2.40 wore ship to N.E. wind backing to the E
5	N×E	2		"	1	Sails		29/	.	.	.	
6	"	2						30	.	.	.	light unsteady airs showery.
7	Calm	1		"	"							
8	N×E	1		S	0	Set		"	.	.	.	rain. heavily overcast wind baffling
9	"	2		SSW.	1			29/32				
10	"	2							.	.	.	variable light air
11	"	2		"	"			"				
12	"	2		"				29	50	51	6E	
1	Calm			Cpe	0			/29				Calm.
2	"											
3	NNE	1		NW	"	All		"	.	.	.	
4	"	2		"	1			29/30	.	.	.	fresh breeze from N.W. clear + fine
5	N×E	6		WNW	5	Sails						
6	N	6		"		Set			.	.	.	continued as above till 7 when it
7	"	5		NW.	4			"				began to fall light
8	"	4.			3				.	.	.	strong breeze + very hazy
9	N½W	4		SSW	6			29/12	.	.	.	handed fore + Mn. T.G. Sails + outer jib
10	"	9		"	8				.	.	.	Position by bearings 40°17 174°44 E.
11	"	9		SSW	"			"			10w	11 pm bearing N¾W May.
12	"	9		"	"			29/30	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
Coasting											

ON THE LOOK-OUT From	To	NAME.	LANTERNS HUNG OUT
6	8	Morrison	From Sunset To Sunrise
8	10	Pollock	
10	12	McLeod	
12	2	Collyer	
2	4	McClear	
4	6	McLaughlin	

O Richmond Mate. Alexr. S. Banks Master.

LOG of the "Euterpe" From Dunedin Towards Wellington.

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Fathoms	WINDS—see Formula Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c. Monday Nov. 2 1896.
1	Coasting											fresh SE wind — showery
2	Courses											Entered past Pencarrow Ht. 2.15.
3												Proceeded up the Harbour Capt in
4												Charge & Anchored off the Wharf in
5												7 fathoms 30 fathom to the Hawse, at 4 Pm
6												furled all sail + set Anchor Watches
7												Herein Ends Astronomical Time
8				At Wellington								
9												Tuesday Nov 3rd 96
10												Hove up Anchor 9 am & Proceeded
11												to the Wharf in tow of Tug "Duco"
12												in Charge of Mr Johnson Pilot & moored
1												to the Wharf. Getting up Gear forward
2												preparatory to discharging cargo tomorrow
3												
4												Wednesday Nov. 4th
5												Crew employed discharging Cargo
6												all day. weather fine + clear
7												Thursday Nov 5th
8												fine + clear, Crew employed discharging
9												cargo finished fore Hatch 2 Pm.
10												Started discharging Main Hatch 3 Pm
11												finished 4. Pm
12												

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

ON THE LOOK-OUT From	To	NAME.	LANTERNS HUNG OUT
		R McLaughlin Night Watchman	From Dark To Daylight

O Richmond Mate. Alex S. Banks Master.

LOG of the Euterpe

~~From~~ at ~~Towards~~ Wellington

CHIEF OFFICER'S LOG.

Hrs.		Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
1												Friday Nov. 6th 1896
2												fine. clear weather. Crew discharging
3												cargo all day.
4												Sat. Nov. 7th 96
5												crew discharging cargo finished
6												1 P.M.
7												Monday Nov 9. 96
8												This being a Popular Holiday no
9												Cargo discharged today.
10												Tuesday Nov. 10th
11												Crew discharging cargo. finished
12												fore part of Main Hatch 3 P.M. and
1												Trimming ballast clear of the
2												after block of Wellington cargo.
3												Wednesday Nov 11th
4												Crew Trimming ballast forward
5												so as to be able to discharge the
6												after Wellington block.
7												Thursday Nov 12th
8												fine & clear crew discharging cargo
9												all day.
10												Friday Nov 13th
11												fresh S. Wind, crew discharging
12												cargo all day.

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

ON THE LOOK-OUT — From To — NAME. P. McLaughlin Watchman — LANTERNS HUNG OUT — From To

Richmond Mate. Alex. S. Barker Master.

LOG of the "Euterpe"

~~From~~ at Towards Wellington

CHIEF OFFICER'S LOG.

Hrs.		Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
1												Sat. Nov. 14th 18
2												fresh wind crew employed.
3												discharging cargo. finished 1 P.M.
4												Monday Nov 16th
5												fresh wind, crew discharging
6												cargo all day.
7												Tuesday Nov 17
8												fine. Crew discharging
9												cargo all day.
10												Wednesday Nov 18th
11												fine & clear, crew discharging
12												Cargo all day finished all
1												Cargo 5.15 P.M.
2												Thursday Nov 19th
3												This being a holiday no
4												work done this day.
5												Friday Nov 20th
6												Unmoored & left the wharf
7												9 a.m. & proceeded into the
8												stream in tow of tug "Dee"
9												in charge of Mr Johnson Pilot
10												sent down 5 of gallant yards
11												moored with 60 fathom to
12												the hawse blowing strong
												Southerly Gale dropped 2 Anchors
												30 fathom to the windlass

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

ON THE LOOK-OUT — From To — NAME. H. Whitelaw Watchman — LANTERNS HUNG OUT — From To

Richmond Mate. Alex. S. Barker Master.

LOG of the Euterpe

~~From~~ at ~~Towards~~ Wellington

CHIEF OFFICER'S LOG.

Hrs.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
											Saturday Nov 21st 1896
1			Carpenter caulking Deck								fine & clear, wind light portherly, carn
2											trimming ballast.
3			Ditto	do	do						Monday Nov 23rd.
4											fresh N.W. wind clear & fine, unbent
5											all sails, also trimming ballast.
6			do	do	do						Tuesday Nov 24th.
7											fresh Northerly wind trimming ballast
8											& chipping topsides.
9			do	do	do						Wednesday Nov 25th.
10											moderate & fine, trimming ballast
11											& chipping overside,
12			do	do	do						Thursday Nov 26th.
1											moderate & fine, carn. chipping down
2			do	do	do						lower hold also outside port plate
3											& lead color plate under ports.
4			do	do	do						Friday Nov 27th.
5											fresh Northerly wind, chipping in
6			do	do	do						lower hold also outside
7											Saturday Nov 28th
8			Finished Decks.								fresh & moderate Northerly wind
9											chipping in lower hold also outside
10											"
11											Monday Nov 30th
12											Mod. & fine. chipping down hold &
											overside washed decks &c

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

ON THE LOOK-OUT

From To

NAME.

P McLaughlin
Watchman

LANTERNS HUNG OUT

From Dark To Daylight

O Richmond Mate.

Alex. D. Bruce Master.

LOG of the Euterpe

~~From~~ at ~~Towards~~ Wellington

CHIEF OFFICER'S LOG.

Hrs.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
											Tuesday. Dec. 1st 1896
1											fresh N. wind, carn shifting down
2											hold & overside.
3											Wednesday Dec 2nd.
4											mod. & fine, shifting in hold also
5											painted bottom on Port side white
6											Thursday Dec 3rd.
7											mod. & fine. shifting in hold. painted
8											bottom white on Starboard side
9											Friday finished shifting down hold
10											painted outside black white & Red
11											Saturday Dec 5th.
12											Painting outside also Mast
1											& Yards.
2											Monday Dec 7th
3											finished outside, painting
4											Mast & yards & other sundries
5											Tuesday Dec 8th
6											fresh N.wind, painting mast
7											& yards, & scraping deadeye.
8											Wednesday Dec 9th
9											Mod & fine, finished mast &
10											yards employed variously
11											
12											

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

ON THE LOOK-OUT

From To

NAME.

P McLaughlin

LANTERNS HUNG OUT

From Dark To Daylight

O Richmond Mate.

Alex. D. Bruce Master.

LOG of the Enterpe

~~From~~ at ~~Towards~~ Wellington

CHIEF OFFICER'S LOG.

Hrs.		Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Thursday Dec. 10th 1896
1												fine & clear, wind variable crew
2												employed shifting wind decks &
3												scraping upper deadeyes & painting
4												rails on Poop.
5												Friday Dec. 11th
6												fine & clear. crew painting half Poop
7												Davits & around he decks.
8												Sat. Dec. 12th
9												mod. N. wind, clear & fine, crew variously
10												employed around the Deck. Washed
11												down decks, Hoisted sail Carpenter P.
12												Monday Dec. 14th
1												fresh N. wind. clear. shifting Pumps
2												winches & dead eye bands,
3												Tuesday. Dec. 15th
4												Calm - Scraping down Mast, also
5												took in 130 Casks of Tallow.
6												Wednesday Dec. 16th
7												fine & clear, crew variously employed
8												around the decks,
9												Thursday Dec. 17th
10												fine & clear, crew variously employed
11												around the decks also trimming
12												ballast on Tallow

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

ON THE LOOK-OUT

From To

NAME.

R McLaughlin A.B.
Watchman

LANTERNS HUNG OUT

From Dark To Daylight

J Richmond Mate Alex. S. Banks Master.

LOG of the Enterpe

~~From~~ at Towards Wellington

CHIEF OFFICER'S LOG.

Hrs.		Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Friday Dec. 18th 1896
1												fine & clear crew employed
2												trimming Ballast.
3												Saturday. Dec. 19th
4												fresh N. wind clear crew employed
5												on Ballast.
6												
7												Monday Dec 28th
8				took in 150 Casks Tallow								fresh N wind clear & fine crew
9												variously employed,
10												Tuesday Dec. 22nd
11												fresh N. wind, Hove short & saw
12												& proceeded in tow of tug "Dee"
1												in Charge of M Johnson Pilot & moored
2												to the wharf preparatory for Loading
3												Wednesday Dec 23rd
4				Took in 89 Casks of Tallow								wind & cloudy & fine. Crew taking
5				& 317 Bales of Wool								in Cargo all day.
6												Thursday Dec. 24th
7				Took in 317 Bales Wool.								fine & clear taking in Cargo
8				" 56 Casks Tallow.								all day.
9												Friday Saturday & Sunday
10												no work done being Holidays
11												
12												

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

ON THE LOOK-OUT

From To

NAME.

R McLaughlin A.B.
Watchman

LANTERNS HUNG OUT

From Dark To Daylight.

J Richmond Mate. Alex. S. Banks Master.

LOG of the Europe

From — at — Towards Wellington

CHIEF OFFICER'S LOG.

Hrs.		Distance Run Knots	Distance Run Fathoms	WINDS—see Formula Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Monday Dec 4th 95 18
1				Took in 184 Bales Wool								moderate fine taking in cargo at
2	1 cask Beef			& 101 Casks Tallow								day.
3	Overside 28 Bales			Took in 331 Bales wool								Tuesday Dec 9.
4	110 casks Beef			3 Casks Tallow								fine & clear taking in cargo
5												Wednesday 30
6				Took 124 Bales Wool								fine & clear taking in cargo
7				140 Casks Tallow.								Thursday Dec 31.
8				Took in 146 Bales Wool								strong N. gale taking in cargo.
9												Friday Jan 1st
10												fresh N. gale. no work today
11												Saturday Jan 2d
12				Took in 85 bales.								fine & clear, taking in cargo.
1												Monday Jan 4th
2				took in 274 Bales Wool								fine & clear taking in cargo
3												Tuesday Jan 5th
4	1 Bag Rock			took in 351 Bales Wool								fine & clear taking in cargo
5				took in 290 Bales Wool								Wednesday Jan 6th
6				& 268 Casks of Tallow								fine & clear. taking in Cargo
7												Thursday Jan 7th
8												strong N. wind. taking in cargo
9												Friday Jan 8th
10												fine & clear taking in cargo.
11												Sat Jan 9th
12												fine & clear taking in cargo.

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

ON THE LOOK-OUT — From — To

NAME. R. McLaughlin Watchman

LANTERNS HUNG OUT — From Dark To Daylight

J. Richmond Mate. Alex. S. Bain Master.

LOG of the Europe

From — at — Towards Wellington

CHIEF OFFICER'S LOG.

Hrs.		Distance Run Knots	Distance Run Fathoms	WINDS—see Formula Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Monday Jan 11th 18
1												fine & clear taking in cargo
2												Tuesday Jan 12th
3												strong N. wind taking in cargo
4												Wednesday Jan 13th
5												fine & clear taking in cargo
6												Thursday Jan 14th
7												moderate & fine, obliged finished
8												loading at 11 am. T. McLaughlan
9												found drowned at 1 am this morning
10												Friday Jan 15th
11												unmoored & left the Wharf in charge
12												of Capt Johnson, Pilot & anchored in
1												the Stream, wind Southerly light
2												Saturday Jan 16th
3												Calm till Noon then light S wind
4												springing up, Crew employed securing
5												all movable & getting ship ready
6												for sea.
7												Sunday Jan 17th
8												Wind N.W. light, 8 am unmoored
9												& proceeded under sail out of
10												Wellington Harbor, passed Pencarrow
11												Hd at 12 noon, set all sail &
12												proceeded towards London

BEARING & DISTANCE AT NOON. Hands Employed Civil Time

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

ON THE LOOK-OUT — From — To

NAME. D. Johnson as Watchman

LANTERNS HUNG OUT — From Dark To Daylight

J. Richmond Mate. Alex. S. Bain Master.

LOG of the *Euterpi* From *Wellington* Towards *London.*

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Monday Jany 18th 1897.
1	E&E	3	½	NW	3		–	30	–	/	1E	This day begins with light NW
2		3	″									wind clear & very fine
3	″	3	½	″				.	.	.	.	Rhearron Pt. Bearing N. 4 mi
4		3	″	″	″							
5	″	2	½					.	.	.	.	Crew employed securing anch
6		8	″		2							& all movable around the deck
7		2	″	″				.	.	.	.	
8	″	2	″									Carpenter & Sailmaker at th
9		2	″									respective duties
10	″	2	″	″	″			-	.	.	.	
11		2	″									
12	E&E	2	″	Northly				30	-	-	1E	wind very light & unsett
1		1	½		1							clear & very fine Sea Smo
2		1	″									
3	″	1	½	″				.	.	.	.	
4		1	″									
5		2	″		2			.	.	.	.	
6	″	3	″	″								breeze coming away from N
7		3	″	NNE	3			.	.	.	.	N & NNE. clear & fine Steadiness
8		3	″									towards noon.
9	″	3	½	″				.	.	.	.	Cape Palliser Bearing N.W. 25 M
10		3	″		4							
11		3	″					.	.	.	.	All lights lookout pumps &
12	″	3	″	″								Ventilators strictly attended to

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 48 E	66-	40	52	41°55	41°56	55.	171.47	170.46	171.46	16E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Mccrae
Thornton
Whitelaw
Holmberg

LANTERNS HUNG OUT

From Sunset To Sunrise

J Richmond Mate. Alex.r S. Banks Master.

LOG of the *Euterpi* From *Wellington.* Towards *London.*

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Tuesday January 19th 1897.
1	East	6		NExN	5		–	30			2E	This day begins with moderately
2		6										fresh Breeze, clear, sea rising
3	″	6										
4		6										
5	″	6		4	4							People employed putting on chafing
6	ExN	6										gear & other sundry jobs around the
7		6										deck.
8	″	6		4	4							Carpenter & Sailmaker at their
9		6										respective duties
10		6										
11	″	6										
12	ExN	6		NNE	6			30			2E	Wind freshening into a strong
1		6										breeze sea high & lumpy
2		6										handed all small sail used
3	″	6										during & labouring, & shipping
4		6		″								quantities of water on deck.
5	″	6										
6		6										
7		6		″								
8	″	6										All lights lookout pumps &
9		6										Ventilators strictly attended to
10	″	6										
11		6		″								
12	″	6										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation Error	Distance Run per Patent Log.
E 4 E	159	41	147	42°33.	42°36	200	177°51.	179°07	179°07	20E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Whitelaw
Mccrae
Benson
McLeod
Holmberg
Thomson.

LANTERNS HUNG OUT

From Sunset To Sunrise

J Richmond Mate. Alex.r S. Banks Master.

LOG of the "Euterpi"
From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Tuesday January 19th 1897.
1	ExN½N	7		Northerly	7		—	29/95	59	61.	22	This day begins with strong
2		7										Northerly wind cloudy, high beam
3		7				6½						sea, vessel labouring & taking in
4	"	7		"	"	"		"	.	.	.	large quantities of water on board
5		7										
6	"	7						29/92	.	.	.	
7		7		"								Crew variously employed
8		7			"							
9	"	7						"	.	.	.	Carpenter & sailmaker at their
10		7		"								respective duties
11	"	7										
12	ExN½N	7		Northerly	7			29/90	59	61.	22	
1		7										
2		7										Continued strong Northerly breeze
3	"	7				6½		"	.	.	.	cloudy, clear overhead, high
4		7		"	"	"						sea, indication of rain,
5	"	7						29/85	.	.	.	barometer falling slowly.
6		7		"	"							
7	"	7							.	.	.	
8		7						"	.	.	.	
9		7	½	"								All lights lookouts pumps &
10	"	7	½		"							Ventilators strictly attended to.
11	"	7	½					29/80	.	.	.	
12		7	½	"				"				

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
		′	″	° ′	° ′	″	° ′ W.	° ′ West.	° ′	°	
S 85 E.	140.	16.	139.	43 53 S.	43 53 S.	231	177 07	177 00	177 00	22 E.	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
	6

NAME.

Iles
Thomson
McLeod
McRae
Thomson
Pollock.

LANTERNS HUNG OUT

From Sunset To Sunrise

O Rickmond Mate.

Alex. S. Barclay Master.

LOG of the "Euterpi"
From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Wednesday 20th Jany 1897.
1	ExN½N	7		Northerly	7		—	29/85	58	59	22	This day begins blowing strong
2		7				6½						breeze from the Northward with high
3		7		"								beam sea, vessel diving & labouring
4	"	7			"	"		"	.	.	.	heavily, drizzling rain with sharp
5		7										showrs at intervals, sky heavily overcast
6	"	7		"								
7		7			"			29/90	.	.	.	Crew variously employed,
8		7		"								Carpenter & sailmaker at their respective
9		7							.	.	.	duties
10	"	7			"							
11		7		"				"	.	.	.	
12	ExN½N	7		WNW.	6			29 60	60	22		heavy rain squall, wind shifted
1		6						29/90				to the WNW. & began to clear up
2	"	6							.	.	.	wind lessening in force set all
3		6		"								sail, sea going down rapidly
4		6			"	"		"	.	.	.	
5	"	6				½						
6		6		"								
7		6						"	.	.	.	All lights lookouts pumps &
8	"	6			"							Ventilators strictly attended to.
9		6										
10		6		"					.	.	.	
11	"	6			"							
12		6		"								

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
		′	″	° ′	° ′	″	° ′	° ′	° ′	°	
S 86 E.	156.	11.	155.	43 00	43 03	211	173 30	173 37	173 37	22	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Thomson
Hunter
Iles
Pollock
Whitelaw
McRae.

LANTERNS HUNG OUT

From Sunset To Sunrise

O Rickmond Mate.

Alex. S. Barclay Master.

LOG of the "Euterpi"
From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Courses.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Thursday Jany 21st 1897.
1	E×N	4		WNW	3-4		—	29/60	61	62	22	This day begins with moderate
2		4										WNW breze, clear & fine, Sea smooth
3		4										
4	"	4		"								Crew employed repairing cloths
5		4		"								& other sundry jobs around the deck.
6	"	4		"								
7		4						"				Carpenter & Sailmaker at their
8		4										respective duties
9	"	4		"			29/60					
10		4										
11		4		"								
12	E×N	4		WNW	3-4				61	62	22	Continued pleasant breze from
1		4						"				WNW, clear & very fine sea
2		4										smooth, cirro & cumulus clouds
3	"	4		"	"							from the Westward
4		4										
5	"	4		"	"		29/55					
6		4										
7		4										
8	"	4		"	"							All light, lookout, pumps &
9		4						1				Ventilators strictly attended to.
10		4		"	"							
11	"	4										
12		4		"	"		29/10					

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 80° E	96.	16'	94	43°16' S	43°19' S	198.	173°31' E	173°32' E	173°32' E	22° E	—

ON THE LOOK-OUT

From 6 To 8
8 " 10
10 " 12
12 " 2
2 " 4
4 —

NAME.

Sidgreave
Thomson
Hunter
Geo

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alexr S. Banks Master.

LOG of the "Euterpi"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Friday Jany 22nd 1897
1	E×N	5		WNW	4		—	29/11	60	59	22	This day begins with freshening
2		5										breze from WNW clear & fine
3		4			5				"	"	"	Sea moderate, nimbus cloud hanging
4	"	6		"								around the horizon
5		6						"	"	"	"	
6	"	6		"	"							Crew variously employed, chipping
7		6							"	"	"	windlass & forward winch & other sundries
8		6						"				
9	"	6		"	"							Carpenter & Sailmaker at their respective
10		6										duties
11	"	6						"				
12	E×N	6		NW	6			29/10	60	59	22	
1		7										Fresh breze from NW gradually
2	"	7							"	"	"	hauling northerly, sea moderate
3		7		"	"							Waterly swell, sky becoming
4	"	7						"				cloudy & overcast.
5		7							"	"	"	
6	"	7		"	"							
7		7							"	"	"	
8	"	7		NNW								All light, lookout, pumps &
9		7			1				"	"	"	Ventilators strictly attended to.
10	"	7										
11		7		"	"							
12		7		"					"	"	"	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 8° E	154.	27' S	15' E	43°46' S	45°44' S	911	167°17' E	167°10' E	167°10' E	22° E	—

ON THE LOOK-OUT

From 6 To 8
8 " 10
10 " 12
12 " 2
2 " 4

NAME.

Colliger
Bedwell
Sidgreave
Thomson.

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alexr S. Banks Master.

LOG of the "Euterpi" From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation. Dirn.	REMARKS, &c.
												Saturday January 23rd 1897
1	East	6		NNE	5			29/10	60	59	20°	This day begins with pleasant
2		6										breeze fresh NNE clear & fine
3		5										sea smooth. clouds from W.
4	"	5		"	4							
5		5										Crew variously employed
6	"	5		"								
7		5										Carpenter oiled down aloft
8		5			4							wrecker, Windlass Donkey Engine,
9	"	5						4				Sailmaker at his trade
10		5		4								
11	"	5			4							
12	E by S	5		NE by N				29/60	59	59	20°	
1		5			4							Continued moderate wind
2		5										clear & fine, sea smooth
3	"	5		"								
4		5			4			4				
5	"	5										
6		5										All light lookouts pump
7		5		4								& Ventilators strictly attended
8	"	5			4			4				
9		5										
10		5		4	4			4				
11	"	5										
12		5		4	4			4				

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 4/8 E	195	39	119	44.25 S.	44.26 S.	165	165.07 W.	165.10 W.	165.10 W.	20 E	

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Holmberg
McCulloch
Collyer
Bothwell

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex. L. Banks Master.

LOG of the "Euterpi" From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation. Dirn.	REMARKS, &c.
												Sunday January 24th 1897
1	E×N	4		W SW	3			29/41	54	58	20°	This day begins with light
2		4										NNW winds clear & fine sea smooth
3		3										
4		3			2				4			
5	ENE	3		SW								wind very unsteady in force but
6		3			1		4					gradually drawing into the
7		3							4			Southward & finally into the
8		3		S	1							SE sky becoming overcast &
9	N×W	3					1					ugly in appearance
10		3		SE	3							
11		4							4			
12		4					4	29/40	54	58	20°	
1	NNW	5			4							wind freshening from the SE
2		6			5							barometer falling sea rising
3		7			7							gusty Handed all Small Sail
4		8										
5	SSE	8			8		4	29/20				increasing rapidly to a whole
6		7										gale shortened Sail down to Lower
7		6			9							topsails & foresail sea running
8		5										to a great height & blowing
9		5					3					furiously at times vessel labouring
10		3										& rolling in a violent manner &
11		2										taking large quantities of water
12		2										on board

BEARING & DISTANCE AT NOON. All light lookouts pump & Ventilators strictly attended to

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 4° E	99	40'	53'	45.45 S.	—	116'	163.11 E.	No Line		20 E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	—

NAME.

Bothwell
Hunter
McCulloch
McLeod

LANTERNS HUNG OUT

From Sunset To Sunrise

Mate. Alex. L. Banks Master.

LOG of the *Euterpi* From *Wellington* Towards *London*

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Monday January 25th 1897
1	E by N	1	½	SE	10.		NNE	29½	52	49.	2° W	This day begins with heavy
2		1	½									SE Gale, with hard squalls
3	"	1	½									sea running to a great heig
4		1	½	"								decks frequently flooded, ship
5	"	1	½									hove to under 3 close reefed topsails
6		1	½									rolling & labouring in a
7	"	1	½	"								violent manner.
8		1	½					29½				barometer going up.
9	"	2										
10		2										
11		2		"								
12	"	2										
1	E by N	2		SE	9				52	50	2°	Slightly moderating set
2		2										Spanker & Main Topmast Stay
3	"	2						29½				& foresail, sky overcast, cold
4	"	2		"								high sea, vessel shipping
5	E by N	2										heavy water on board,
6		2										
7	"	2		"								
8	NE by E	2						29½				Set upper topsail & Mainsail
9		4										moderating quickly, high a
10	"	4		"								
11		4										All lights lookouts pumps &
12	"	4										Ventilators strictly attended to.

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
								West			
N 61 E	53.	26' N	46' E	43.19.	—	63	162°9	162°10	162°10	2° E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McLeod
Holmberg
Benson
Galger

LANTERNS HUNG OUT

From Sunset To Sunrise

E Richmond Mate. Alex. D. Banks Master.

LOG of the *Euterpi* From *Wellington* Towards *London*

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Tuesday January 26th 1897
1	NE	4	½	SE	6		—	29½	51	49.	2° W	This day begins with moderate
2		4	½									breeze from SE sky clouded overcast
3	"	4	½									high, nasty head swell, causing
4		4	½	"								vessel to roll & plunge violently
5		4	½					29½				
6	"	4	½									Crew variously employed
7		4	½	"								Carpenter & Sail maker at their
8		4	½									respective duties
9	"	4	½	"				29½				
10		4	½									
11		4	½									
12	NE	4	½	SE					50	49.	2°	Wind moderate, weather fine
1		4	½		5			29½				Sea moderating, barometer
2		4	½									going up, no indication of
3	"	4	½	"								wind altering vessel braced
4		4	½									sharp up on Starboard tack.
5		4		"				29½				
6	"	4										
7		4										
8		4		"								All lights lookouts pumps &
9	"	4						29				Ventilators strictly attended to.
10		4										
11	"	4						29½				
12		4										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
E by S	104.	41' N	95' E	42.38	—	130'	159.	—	—	2° E	—

ON THE LOOK-OUT

From	To
8	10
10	12
12	2
2	4

NAME.

McCrae
Thomson
McGeoch
Holmberg

LANTERNS HUNG OUT

From Sunset To Sunrise

E Richmond Mate. Alex. D. Banks Master.

LOG of the "Euterpi"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
											Smr	Wednesday Jany 27th 1897.
1	NNE	4		SE	3		a	29/15	51	49	21	This day begins with moderate & light SE. winds cloudy & fine sea smooth, vessel braced aback & hove to on Port Tack.
2		4										
3	"	4				Q			.	.	.	
4	"	4		"	"	Q		"				
5	"	4				Sq			.	.	.	
6	"	4				Sq		29/10				Hove to Tacked ship to the Southward
7	S & W	4		"		Sq			.	-	16	no indications of a favorable
8		4				Sq						change taking place.
9	"	3		"	"	Sq			.	.	.	
10	"	3		"								Crew variously employed
11	"	3						29/15	.	.	.	
12	"	3		SSE	3							
1	S × W	3						57	49	46		Continued light S.E. winds
2		3				Q						cloudy overcast, throughout
3		3		"	"	Q		30/	.	.	.	the remainder of this day.
4	"	3				Q						
5		3				Sq						Carpenter & Sail maker at
6	"	3		"	"	Sq		30/10	.	.	.	their respective duties
7		3				Sq						
8	"	3				Sq						
9	"	3		"	"			"	.	.	.	All lights lookout pumps &
10		3										Ventilators strictly attended to
11		3						30/15	.	.	.	
12	"	3		"	"							

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 14 W	33'	32'	8'	43.11	43.09	11'	160-10	Not right		17°	—

ON THE LOOK-OUT

From	To
8	10
10	12
12	2
2	4
4	—

NAME.

Hunt
McLeod
Holmberg
McTrue
Thomson

LANTERNS HUNG OUT

From Sunset To Sunrise

D. Richmond Mate. Alex. S. Banks Master.

LOG of the "Euterpi"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
											Smr	Thursday January 28th 1897.
1	S by W	4		ESE	3		—	30/20	51	50	11	This day begins with light winds
2	"	4										from SE & ESE unsteady in direction
3	"	4		"	"	Q			.	.	.	sky cloudy overcast, weather fine
4	"	4				Q						sea smooth
5	S × W	4		"		Sq			.	.	.	
6		4				Sq						Crew variously employed aloft &
7	"	4		"	1	Sq		30/25	.	.	.	on deck.
8	"	4				Sq						
9	"	4		"	"				.	.	.	Carpenter taking Windlass & piece
10	"	4										overhauling same.
11	"	3		"	2				.	.	.	Sail maker at his trade.
12		3						30/20	51	50	15	
1	S	2	12	ESE	3							Continued light contrary
2	"	2	12						.	.	.	winds no indication at
3	"	2	12	"	"	Q						present of a favorable change
4	"	2	12			Q			.	.	.	
5	S × W	4		SE	"	Sq						
6		4				Sq			.	.	.	
7	"	4		"	"	Sq		30/15				All lights lookout pumps &
8		4				Sq			.	.	.	Ventilators strictly attended to.
9	S by E	4		E								
10	"	4										
11	"	4		"	"							
12	"	4		"	"			"	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
W	95'	90'	29'	44.38	44.36	41	160.53	160.55	160.11	16°	—

ON THE LOOK-OUT

From	To
8	10
10	12
12	2
2	4
4	—

NAME.

Hunt
Yee
Bolwell
Whitelaw.

LANTERNS HUNG OUT

From Sunset To Sunrise

D. Richmond Mate. Alex. S. Banks Master.

LOG of the 'Euterpi' From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Friday January 29th 1897.
1	S per	4		E&E	3		—	30/50	52	50	16	First day begins with light &
2		4										winds clear very fine sea
3		4										smooth, airs from the E.
4	"	4		"	"		"					
5	"	4										Crew employed cleaning life-
6	"	4										boat, preparatory for painting
7		4		"	"		"					
8	"	4										Carpenter overhauling windlass
9		4										& sailmaker at his trade
10		4		"			"					
11	"	4			"							
12	Peak	4		E&E	2-4			30/50	52	50	16	
1		3										wind light, weather very
2		3										fine & clear sea smooth
3	"	3		"	"		"					no indication at present
4		3										of a favorable change
5	"	3			"							
6		3		"								
7		3										
8	"	3			"							All lights looked pumps
9		3										& Ventilators strictly attended
10	"	3		"								
11		3			"							
12	"	3										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 18° W.	85.	81.	26. W	46.00	46.00	57.	161.30	161.30	161.30	16 E	

ON THE LOOK-OUT

From	To
8	10
10	12
12	2
2	4
4	—

NAME.

Sidgreaves
Thomson
Hunter
Jlrs.

LANTERNS HUNG OUT

From Sunset To Sunrise

C Richmond Mate. Alex. L. Banks Master.

LOG of the 'Euterpi' From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Saturday January 30th 1897.
1	Journ	4		E&E	3		—	30/50	52	50	16	First day begins with light
2	"	4										E&E wind clear & fine, sea smooth.
3	"	4		"	"		"					wind falling light
4	"	4										
5	S×W	3		"	2		"					Crew variously employed, cleaning
6	"	3										boat & other duties
7	S×E	3		E×S.	"		"					
8	"	3										Carpenter overhauling windlass
9	SSE	2		East	1							Sailmaker at his trade
10	"	2										
11	SE	2		ENE.	4							
12	"	2						30/10				
1	Calm	0		"	1				54	52	20 E	calm.
2		0										
3	E×N	1		NW	0-4							light breeze springing up from
4	"	1										N.W. & gradually veering more
5	E×S	2		"	1							westerly towards noon, & increasing
6		2										gradually in force SE swell,
7	"	3		WNW	2							weather fine & clear
8	"	3										
9	ESE	4		"	3							
10		4										All lights looked pumps &
11	"	5		"	"							Ventilators strictly attended to.
12	"	5										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 9° W.	199.	50.	28. E	46.48	46.10	40.	160.54	160.53	160.53	17 E	—

ON THE LOOK-OUT

From	To
8	10
10	12
12	2
2	4
4	6

NAME.

Collyer
Bedwell
Sidgreaves
Thomson
Hunter

LANTERNS HUNG OUT

From Sunset To Sunrise

C Richmond Mate. Alex. L. Banks Master.

LOG of the *Euterpi*

From *Wellington* Towards *London.*

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Sunday January 31st 1894.
1	ENE.	7		West	6		—	29.58	58	59.24	8 W	This day begins with fresh breezes
2		7										from the W.N.W. cloudy overcast
3	"	7				Gg			.	.	.	small drizzling rain, sea moderate
4		7		"	"							
5	"	7				Sails						
6		7		"				29.90	.	.	.	Sunday Respected.
7	"	7			"	Sails			.	.	.	
8		7										
9	"	7		"		Sails			.	.	.	
10		7			"							
11	"	7		"				29.60	.	.	.	fresh breeze with rain, wind
12	ENE.	7	11	WSW	6				58	59.24		shifted to the WSW, overcast
1		7	11									fine, & clear, sea moderate.
2	"	7	11	"					.	.	.	barometer starting to go up
3		7	11			Gg						
4		7	11		"			29.70	.	.	.	
5	"	7	11	"		Sails						
6		7	11									
7	"	7	11		"	Gg			.	.	.	All light Cookout pumps &
8		7	11	"		Sails						Ventilators strictly attended to.
9	"	7	11		"			29.80	.	.	.	
10		7		"								
11	"	7			"				.	.	.	
12		7		"				"				

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 86 E.	172'	11'	172'	47.07	47.01	234'	186.54	186.56	186.56	24	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Jle
Holmberg
McCulloch
Colleye
Bedwell
Rollock

LANTERNS HUNG OUT

From *Sunset* To *Sunrise*

J Richmond Mate. *Alex. L. Banks* Master.

LOG of the *Euterpi*

From *Wellington* Towards *London.*

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Monday February 1st 1894.
1	NE & E	6		Westerly	6		—	29.70	60	59.25		This day begins with fresh westerly
2		6										wind clear & fine, moderate sea
3		6				Gg			.	.	.	cumulus clouds from the W.
4	"	6		"	"							
5		7				Sails		"	.	.	.	People employed cleaning forward
6		7										boats & Gear attended
7	"	7		"				29.60	.	.	.	
8		7			"	Sails						Carpenter overhauling Windlass
9		7							.	.	.	Sailmaker at his trade.
10	"	7		"								
11		7			"			"	.	.	.	
12	ENE	7		WNW				29.60	60	59.25		wind veering to the WNW, strong
1		7										wind sea veering, barometer falling
2	"	7			"	Gg		29.58	.	.	.	sky overcast,
3		7		"								
4		7							.	.	.	
5	"	7				Sails		"				
6		7		"	"				.	.	.	All lights, lookouts, pumps & Ventilators strictly Attended to.
7		7						29.50				
8	"	7				Sails			.	.	.	
9		7		"	"							Eclipse of Sun & a.m.
10		7						"	.	.	.	
11	"	7										
12		7		"				"	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
East	164.	—	164	47.01	47.01	334	183.11.	183.17	183.13	25	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Holmberg
Benson
Colleye
McCulloch
Bedwell
Johnson

LANTERNS HUNG OUT

From *Sunset* To *Sunrise*

J Richmond Mate. *Alex. L. Banks* Master.

LOG of the "Eutrepi"

From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Tuesday February 9th 1897
1	S ¼ W	8		WNW	8		—	29 ½	61	60	23 E	This day begins with showy WNW wind, overcast & fine rain barometer falling Sea Moderate
2		8				Lg						
3		8		"		Lg		-	-	-		
4	"	8		"		Lg		"				
5		8			9	Lg		-	-	-		Ropes variously employed clearing forward boats.
6		8		"		Lg						
7	"	8						-	-	-		Carpenter employed at Windlass
8		8		"	9	Lg						Sailmaker at his trade.
9		7				Lg		"	-	-	-	
10	"	7			7							
11		7		"				29 ½	-	-	-	
12	E ¼ N	7		NW					62	61	23	Continued showy breezy, hauling to the Northw.d overcast & cloudy &
1		7			6							
2		7				Lg						
3	"	7		"		Lg		29 ¾	-	-	-	Small drizzling rain, barometer falling Sea rising
4		7				Lg						
5	"	7		"	9	Lg						
6		7		"		Lg		"	-	-	-	
7		7				Lg						
8	"	7		"	"	Lg		29 ½	-	-	-	All lights lookout pumps &
9		8			8			30				Ventilators strictly attended to.
10		8							-	-	-	
11	"	8		"	"							
12		8						"	-	-	-	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				S			E			Error	
S 69 E	180	64.	168.	48·04	48·05	251	149·0	149·58	149·03	24 E	—

ON THE LOOK-OUT From	To	NAME.	LANTERNS HUNG OUT From	To
6	8	Hunter	Sunset	Sunrise
8	10	McLeod		
10	12	Holmberg		
12	2	Benson		
2	4	Bayliss		
4	8	McCulloch		

D Richmond Mate. Alex.r Bain Master.

LOG of the "Eutrepi"

From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Wednesday February 10th 1897.
1	6 × N	10		Northerly	9		—	29 ½	60	58.24		This day begins with mod.te Gale increasing Handed Top gallant sails
2		10				Lg						
3	"	10		"	"	Lg		-	-	-		barometer falling rapidly &
4		10				Lg						sea beginning to get at Gnarly
5	"	10		"	"	Lg		29 ½	-	-	-	sky heavy & thick drizzling rain
6		10				Lg						
7		10				Lg		-	-	-		
8	"	10		"	"	Lg						increasing to a whole Gale,
9		9		"				29	-	-	-	with bursts squalls, sea running
10	"	9			10							very high, decks constantly flooded
11		8		NNW				-	-	-		Handed fore & Main Upper topsails
12	"	7		"	"			29 ½	60	54	24	Mainsail & Cross jack & Jib.
1	S × E	3				Lg	2 P					Handed foresail & Main V. Storm sail
2		3				Lg						Blowing furiously at time, Sea
3		3		"		Lg		-	-	-		assuming gigantic proportion
4	"	2				Lg		29 ½	-	-	-	have ship to under bare Upsails
5		2		"		Lg	3 P					
6		2				Lg		29 ½	-	-	-	
7	"	2				Lg						
8		2		"		Lg		"	-	-	-	All lights lookout pumps &
9	"	2						29 ½				Ventilators strictly Attended to.
10		2		"					-	-	-	
11	"	2						29 ½				
12		2							-	-	-	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				S			E			Error	
S E	140.	46	132.	48·48	48·57	201	148·39	148·29	148·09	24 E	—

ON THE LOOK-OUT From	To	NAME.	LANTERNS HUNG OUT From	To
6	8	Whitelaw	Sunset	Sunrise
8	10	Hunter		
10	12	Benton		
12	2	Holmberg		
2	4	McLeod		
4	8	McCue		

D Richmond Mate. Alex.r Bain Master.

LOG of the "Enterprise" From Wellington Towards London

CHIEF OFFICER'S LOG.

Thursday February 4th 1897

Hrs.	Courses	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
1	NbyE	4		NW.	10		1	29/65	56	49	24	Thursday begins with moderating
2		4										Gale, wind veering Westerly, high
3	"	4		"	"							cross sea, vessel rolling & shaming
4		4										in a dreadful manner & constantly
5	"	5		WNW	9			29/75				flooding deck, one huge sea taken on
6		5										board by the Rigging started the Head
7	"	5		"	"							Jig Pinnace, set foresail after topsail
8		5										
9	"	7						29/65				
10		7		"	8							At 1st gallantsails
11		7										
12	NbyE	7		West				29/65	51	49	23	strong breeze, sea gradually
1		8										getting very high, vessel rolling & strain
2		8			"							violently, & shifting heavy water
3	"	8		"				29/10				
4		8										
5	"	7	K	"	"							Set all sail, barometer rapidly
6		7	K					29/0				going up, sea still lumpy causing
7		7	K	"	"							vessel to strain & labor heavily
8	"	7	K									
9		7										
10	"	7		"	"			29/30				All lights lookouts pumps &
11		7										Ventilators strictly attended to
12		7										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				° ′ S.	° ′ S.		° ′ W.	° ′ W.	° ′ W.	° W.	
N 85 E	154.	14′	153′	46.54′	46.36′	304.	141.45′	141.40′	141.47′	24°	

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	8

NAME.

Jles
Pollock
Whitelaw
McCrae
Thomson
McCulloch

LANTERNS HUNG OUT

From Sunset To Sunrise

O J Richmond Mate. Alex. A. Brucks Master.

LOG of the "Enterprise" From Wellington Towards London.

CHIEF OFFICER'S LOG.

Friday February 5th 1897

Hrs.	Courses.	Distance Run. Knots.	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
1	NbyE	8		WNW	8		1/4	29/40	58	46	25	Friday begins with strong
2		8										steady breeze, clear, rocky
3		8										cross sea, but gradually
4	"	8		"	"							lessening.
5		8					"					
6		8		"				29/30				People variously employed
7	"	8		NW								
8		8			"							Carpenter & Sailmaker at their
9		8					"					respective duties
10	"	8		"								
11		8			"			29/60				
12	NbyE	8		"			1/4		58	46	25	continued strong breeze
1		9		NNW	8.							seeming more settled. Sea
2	"	9										most regular, & moderate.
3		9										Sky clear & weather fine
4		9		"	"		"	29/40				
5	"	9										
6		9		"	"							
7		9										All lights lookouts
8	"	9		"	"			29/80				pumps & Ventilators strictly
9		9										attended to
10		9		"	"							
11		9										
12	"	9		"	"			29/90				

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				° ′ S.	° ′ S.		° ′ W.	° ′ W.	° ′ W.	° W.	
E	201.	4	201	48.34′	48.33′	305.	136.38′	136.37′	136.37′	25°	

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	8

NAME.

Holmberg
Hunter
Jles
Pollock
Whitelaw
Thomson

LANTERNS HUNG OUT

From Sunset To Sunrise

O J Richmond Mate. Alex. A. Brucks Master.

LOG of the "Euterpe" From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
											mag	Saturday February 6th 1897
1	E×N½N	9		NW	6		~~	29 30/10	54		21	This day begins with strong steady
2		9										breeze from N.W. clear & fine, sea
3	"	9				All						moderate, cumulus clouds from W.N.W.
4		9						"	"		"	
5		9		"	"							People variously employed,
6	"	9				Sail						Carpenter & Sailmaker at their
7		9		"				"	"		"	respective duties.
8		8			4	All						
9	"	8						"	"		"	
10		8		"		All						
11		8			"							
12	E×N½N	8		NW				30/	50		21	Continued fresh steady wind
1		8			4							throughout the remainder of the
2		8										day.
3	"	8		"		All		"	"		"	
4		8			"							Carpenter oiled down aloft & all
5	"	8				Sail		"	"			machinery around the deck
6		8		"	"							
7	"	8							"		"	Decks washed down & all berths
8		8						"				to Castle &c thoroughly cleansed
9		8		"	"							
10	"	8						"			"	All light lookouts pumps &
11		8		"	"			"	"		"	Ventilators strictly attended to.
12	"	8										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error	Distance Run per Patent Log.
		N	E		S	E					
S 83 E	199.	23.	198.	48 58	45 16	309	131.36	131.34	131.34	25 2	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Bedwell	From Sunset To Sunrise
8 " 10	Sidgreave	
10 " 12	Thomson	
12 " 2	Hunks	
2 " 4	Jes	
4 " 6	Pollock	

C. J. Richmond Mate. Alexr. S. Banks Master.

LOG of the "Euterpe" From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
											mag	Sunday February 7th 1897
1	ENE	8		Northerly	4		—	30/10	54	50	21	This day begins with strong
2		8										steady Northerly wind clear & fine, sea
3	"	8				All			"	"	"	moderate, Westerly swell,
4		8		"	"			"				
5		8			"				"	"	"	
6	"	8		"		Sail						Sunday Respected.
7		8			"			"	"	"	"	
8		8				Sail						
9	"	7		"								
10		7			6			"	"	"	"	
11	"	7		"								
12	ENE	7		Northerly				30/	54	50	25	Moderate breeze gradually
1		5			"							falling lighter towards the end
2		5			4	All			"	"		of the day, fog banks hanging
3	"	4		"								around the horizon, every indication
4		4			"			"				of fog, Westerly swell
5	"	4		"	3	Sail			"	"	"	
6		4										
7		4				Ex		"	"	"	"	
8	"	4		"	"							All lights lookouts pumps
9		4						"	"	"	"	& Ventilators strictly attended to.
10	"	4		"	"							
11		4						"	"	"	"	
12		3		"	"							

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error	Distance Run per Patent Log.
		N	E			E					
6 E	141.	11.	141.	45 5'	45 4'	215	128.1	128.00	128.10	25	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	McCulloch	From Sunset To Sunrise
8 " 10	Bedwell	
10 " 12	Collis	
12 " 2	Sidgreave	
2 " 4	Thomson	
4 " 5	Hunter.	

C. J. Richmond Mate. Alexr. S. Banks Master.

LOG of the "Euterpi" From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Monday February 8th 1897.
1	E by E	3		NW	2		~	29/10	55	54	25	This day begins with light
2		3										NW wind, foggy & clear alternately
3	"	4										gloomy weather sea moderate
4		4		1	0			"	.	.	.	
5		4						29/10	.	.	.	People variously employed
6		4		1	4							Carpenter & Sailmaker at their
7	"	5										respective duties
8		5						"				
9	"	6		1	5			29/0	.	.	.	Wind gradually freshening &
10		6										Barometer falling, wind quarter
11		7							.	.	.	slight drizzling continues rain
12	E by E	7		NW.	6		~	1	56	54	25	
1		7						29/0				
2		7										
3	"	8		"	7				.	.	.	Showy breeze, cloudy forecast
4		8										
5		8	2					"	.	.	.	light shower, sea moderate
6	"	8	2	1	"							
7		8	2					29/0	.	.	.	
8	"	8	2									
9		8		1	"			"	.	.	.	All light lookout pumps &
10		9										Ventilators strictly attended to
11	"	9		"	8			29/0	.	.	.	
12		9										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
		'	'	° '	° '	'	° '	° '	° '	°	
S 86 E	158.	11.	158.	48.19	48.29	241	124.03	123.49	123.49	25	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Collyer
M'Cullock
Sidgreave
Bidwell
Hunter
Thomson

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex. S. Barnes Master.

LOG of the "Euterpi" From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Tuesday February 9th 1897.
1	E by E	9		WNW	8		~	29/10	51	49	25	This day begins with showy
2		9										WNW wind, cloudy forecast
3		9							.	.	.	showery, sea moderate
4	"	9		"								
5		9							"	.	.	
6		9										People variously employed.
7	"	9		"					"	.	.	Carpenter & Sailmaker at their
8		9										respective duties
9		9							.	.	.	
10	"	9		"								
11		9							"	.	.	
12	E by N	9		West	8			29/10	50	48	25	Wind freshening into a stiff
1		9										breeze, veering into the WSW.
2		9										hard squalls at intervals
3	"	9			9				.	.	.	vessel running wind nearly
4		9		"	"							aft. high sea running at
5	"	9										behind. shipping heavy water
6		9		WSW	"							at times
7		9						29/10	.	.	.	
8	"	9										All light lookout pumps
9		9		"	"							& Ventilators strictly attended to
10	"	9										
11		9		"	"			29/10	.	.	.	
12		9										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
		'	'	° '	° '	'	° '	° '	° '	°	
S E	210.	28.	208'	49.54	49.58	321.	118.24	118.26	118.26	25.2	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Holmberg
Benson
Collyer
M'Cullock
Sidgreave
Bidwell

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex. S. Barnes Master.

LOG of the "Euterpe" From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
												Wednesday February 10th 1894
1	ENE	9		WNW	9		—	29/60	49	47	25	This day begins blowing a
2		9				[illegible]						moderate Gale with stiff squalls
3	"	9		"		[illegible]						continuous drizzling rain, sky
4		9				[illegible]	"					heavily overcast, high Westerly
5		9			"	[illegible]						sea running, vessel running
6	"	9		"		[illegible]						under fore & main Topgallant sails
7	"	9				[illegible]	"					& courses, rolling & slamming heavily
8		9				[illegible]	29/58					& shipping large quantities of
9		9		"	"							water on board.
10	"	9										
11		9		"								11. Heavy squall, fore top Gall.t blew to ribbons
12	"	9		WNW	9		"	49	47	25		while clewing up. bent another one & furled
1	ENE	9										Continued moderate Gale
2		9		"								with high sea, sky overcast
3		9			"	[illegible]						vessel running under top gall.t s[ails]
4	"	9		"		[illegible]	29/60					shipping large quantities of water
5		9				[illegible]						at times, continuous drizzling r[ain]
6		9				[illegible]						
7	"	9		"	"	[illegible]						
8		9				[illegible]	"					
9		8		"	8	[illegible]						All lights lookout pumps
10	"	8					"					& Ventilators strictly attended to.
11		8			"							
12		8		"			"					

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error	Distance Run per Patent Log.
S 82 E	212	30 S	210	49.24 S	—	326	112.58 W	Not obs		25 E	—

ON THE LOOK-OUT From	To	NAME.
6	8	Hayter
8	10	McLeod
10	12	Holmberg
12	2	Collyer
2	4	Bedwell
4	5	McCulloch

LANTERNS HUNG OUT From Sunset To Sunrise

C. Richmond Mate. Alexr. S. [illegible] Master.

LOG of the "Euterpe" From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
												Thursday February 11th 1894.
1	ENE.	8		WNW	8		—	29/50	50	48	25	This day begins blowing moderate
2		8				[illegible]						Gale from W & SW heavily overcast
3		8				[illegible]						& continuous drizzling rain, high W.y
4	"	8		"	"	[illegible]						sea,
5		8										
6		8										People variously employed,
7	"	8		"	7			29/55				Carpenter & Sailmaker at their
8		8				[illegible]						respective trades
9	"	8				[illegible]						
10		8		"		[illegible]						Moderating to a fresh breeze
11		8			"	[illegible]		"				sea lessening, continued fine
12	ENE.	8		WNW					50	48	25	drizzling rain. Set all sail
1		8			7			29/60				
2		8		"								
3	"	8										
4		8			"	[illegible]						fresh breeze, steady, barometer
5		8		"		[illegible]		"				moving up, sky overcast small
6	"	8										rain, sea moderate
7		8			"	[illegible]		"				
8		8		"		[illegible]						
9	"	8				[illegible]						All lights lookouts pumps &
10		8		"	"	[illegible]		"				Ventilators strictly attended to
11	"	8										
12		8		"	"							

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error	Distance Run per Patent Log.
S 83 E	197	23 S	191	50.10 S	—	294	108.04 W	Not obs		25 E	—

ON THE LOOK-OUT From	To	NAME.
6	8	Whitelaw
8	10	Benson
10	12	Collier
12	2	McLeod
2	4	Holmberg
4	5	Bedwell

LANTERNS HUNG OUT From Sunset To Sunrise

C. Richmond Mate. Alexr. S. [illegible] Master.

LOG of the "Euterpe"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation (Error 5)	REMARKS, &c.
												Friday February 12th 1897.
1	East	8		WxS	4		—	29/80	50	48	31	This day begins with strong steady breeze, clearing up fine, sea moderate, cumulus & cirri cum. from the W^d.
2		8										
3	"	8				All						
4		8										
5		8		"	"							People variously employed repairing aloft also scaling winches & painting same.
6	"	8				Sail						
7		8										
8	"	8		"								Carpenter & Sailmaker at their respective duties
9		8			"	Set						
10		8										
11	"	8		"								
12	East	8		WxS	4			29/80	50	48	31	
1		8										
2		8										Continued steady breeze, lessening in force slightly, sky clear cirrus from the W.S.W. Sea moderate.
3	"	8		"	"	All						
4		8										
5		7			6							
6		7				Sail						
7	"	7		"								
8		7			"	Set						All lights lookouts pumps & Ventilators strictly attended to
9	"	7		"								
10		7			"							
11	"	7										
12		7		"								

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. (Error)	Distance Run per Patent Log.
S54°E	184'	100'	154'	52.14	52.30	250.	104.07	103.51.	103.51	31 E	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Iles	From Sunset To Sunrise
8 " 10	Pollock	
10 " 12	Bedwell	
12 " 2	Whitelaw	
2 " 4	Collyer	
4 " 6	Benson.	

Mate. Alexr. S. Banks Master.

LOG of the "Euterpe"
From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation (Error 5)	REMARKS, &c.
												Saturday February 13th 1897
1	ExS	8		Westy	7		—	29/70	49	47	31	This day begins with strong steady wind, clear & fine, sea moderate, cirri from West^d.
2		8										
3	"	8				All						
4		8		"								
5		8			"							People variously employed. Carpenter & Sailmaker at their respective duties
6	"	8				Sail						
7		8						29/71				
8	"	8		"	"	Set						
9		8										
10	"	7										
11		7		"	6							
12	ExS	7		Westy				29/80	46	46	31	Continued steady wind lessening slightly in force, sky overcast, & Sea moderate, heavy dew falling
1		7										
2		7			"							
3	"	7		"		All						
4		7										Decks washed down & all berths fo'castle &c thoroughly cleaned
5	"	7			"	Sail						
6		7		"				29/81				
7		7										Carpenter Oiled down aloft & all winches, windlass, steering Gear &c
8		7			"	Set						
9	"	7		"								
10		7										All lights lookouts pumps & Ventilators strictly attended to.
11	"	7			"							
12		7		"								

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. (Error)	Distance Run per Patent Log.
[illegible]°E.	176.	32	173.	53.01	53.03	288.	99.03	98.55	98.55	31 E	— —

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	McLeod.	From Sunset To Sunrise
8 " 10	Sedgreave	
10 " 12	Thomson	
12 " 2	Pollock	
2 " 4	Whitelaw	
4 " 5	Thomson	

2 Richmond Mate. Alexr. S. Banks Master.

LOG of the 'Euterpi'
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses.	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation. Error.	REMARKS, &c.
												Sunday February 14th 1897
1	ENE	6		Wsly.	S.4		—	29/16	47	47.	31	This day begins with moderate
2		6										winds, cloudy & fine, sea moderate
3		6										high & Weakly Swell,
4	"	6										
5		6		"	"			"				
6	"	6										Sunday Respected.
7		6		"	"							
8		6						29/16				
9	"	6										
10		6		"	"							
11	'	6										
12	ENE	6		Wsly.	S.4				47	47.	31	Cont inued moderate winds
1		6						30/				cloudy fore cast sea moder
2		6										
3	"	6		"	"							
4		6										
5	'	6		"	"			"				
6		6										wind falling light towards
7	"	6										the close of this day.
8		6		"	4			29/10				
9		S										
10	"	S		"	"							All lights lookouts pumps &
11		S						"				Ventilators strictly attended to
12		S			"							

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error.	Distance Run per Patent Log.
ESE.	140.	24.	138.	33°21'	33°34'	229.	95°14	No Sight.		31° E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Jles
Pollok
Redwell
Hunter
McCrai
Collier

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex. S. Barclay Master.

LOG of the 'Euterpi'
From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Courses.	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation. Error.	REMARKS, &c.
												Monday February 15th 1897.
1	East.	5		Wsly	4-		—	29/16	47.	37		This day begins with moderate
2		5										Westerly wind cloudy & fine sea
3	"	5										moderate,
4		5		"	"							
5	"	6			6			"				People variously employed scraping
6	ENE	6		WNW				30/				Spanker boom also Mizen Lower mast.
7		6			"							
8	"	6			6							Carpenter & Sail maker at their
9		7		"								respective trades.
10	"	7										
11		7		"	"			29/				
12	'	7						16	46	37		Wind hauling N.W & freshening
1	ENE	8		N.W.	4							barometer falling, Sea rising
2		8										handed all small canvas
3		8						"				Sky nearly overcast, drizzling
4	"	8		"								rain
5		8			"			29/10				
6		8										
7	"	8		"								
8		8			"			"				All lights lookouts pumps
9		9		"	8			29/11				& Ventilators strictly attended to
10	"	9										
11		9		"	"							
12	"	9.						"				

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error.	Distance Run per Patent Log.
6 6	172.	42'.	16'4	54°16	/	284	96°30	No Sight.		33° W	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	5

NAME.

Whitelaw
McCrae
Thomson
Thomson
Pollok
Jles

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex. S. Barclay Master.

LOG of the "Euterpi"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Tuesday February 16th 1897
1	ESE	9		NW.	10	—	—	29½	49	49	30	This day begins blowing a
2		9				Reefed						moderate Gale from NW. Heavy
3		9										overcast, dirtying rain, reefed
4	"	9		"	"	Reefed						running with fore & Main T. G. Sail
5		9										foresail & Mainsail, and Quarterly
6	"	9				Quarter		29½				high N. W sea running, Occasional
7		9				Reefed						occasional heavy wash on board
8		9										
9	"	9										People variously employed, reefing
10		9										Main Lowermast.
11	"	9			9							Tradesmen at their trades
12	Mid	9		WNW				29½	48	46	32	
1		8	½									
2	"	8	½									Set Gaff Mainsail into a
3		8	½			Reefed						strong steady breeze veering
4		8	½									more aft. At all sail Sea
5	"	8				Reefed						increasing. Sky clearing.
6	NE & ENE	8										
7		8		Westerly	8	Reefed		29½				
8		8										All lights lookout pumps &
9	"	8										Ventilators strictly attended to
10		8		"	"							
11	"	8		"				29½				
12		8										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 83 E	206.	26.	205.	49.34	49.40	349.	83.27	83°18'	83°18'	33° E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Benson
McCulloch
Sydyreau
McCrae
Thomson
Thomson

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex. D. Brucks Master.

LOG of the "Euterpi"
From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Wednesday February 17th 1897.
1	NE & ENE	7		Westerly	6		—	29½	46	48	32	This day begins with moderate breeze
2		7										rapidly falling away in force,
3		6										sea moderate Westerly swell, sky
4	"	6			5							clear weather fine
5		5		"								
6	"	5			4							People variously employed
7		4										scraping gibboom & other sundries
8	"	4		"								
9		3			3							Carpenter & Sailmaker at their
10	"	3		"								respective duties
11		3										
12		3		Westerly				29½	46	48	32	
1	ENE	3										
2		3										Continued light Westerly winds
3		3		"	"							clear fine sea quiet.
4	"	3										
5		3		"								
6	"	3			"			29½				All lights lookout pumps &
7		3										Ventilators strictly attended to.
8		3		"								
9	"	3			"							
10		3		"								
11	"	3						29½				
12		3		"	"							

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 3 E	94.	14.	96.	47.10	47.01.	16'.	80.31	80°33'	80°33'	33° E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McCulloch
Benson
McCrae
Sydyreau
Thomson
Thomson

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex. D. Brucks Master.

LOG of the "Euterpe" From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Wind Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Direction	REMARKS, &c. Thursday February 18th 1897
1	E×N.	4		Westerly	3-4		~	29/65	47	49	31	This day begins with moderate
2		4										slight winds unsteady in force
3		4			"				.	.	.	sky clouded overcast, showery
4	"	4		"	4			"				
5		5							.	.	.	People variously employed
6		5			"							Tradesmen at their respective trade
7	"	6	½	"	5			29/55	.	.	.	
8		6	½									Wind gradually freshening
9		7	½		6				.	.	.	into a strong breeze, sky clear
10	"	7	½	"								& cloudy alternately
11		7	½		"			"	.	.	.	
12	E×N	7	½	Westerly	7			29/45	46	48	31	
1		9			"							Stormy a stiff breeze from the
2		9			8				.	.	.	West^d high sea running up
3	"	9		"								behind vessel running under
4		9						"	.	.	.	all plain sail, wind slightly
5		9			"							quarterly, sky clear overhead
6	"	9		"				29/35	.	.	.	nimbus clouds hanging around
7		9										the horizon
8		9			"				.	.	.	All lights lookouts pumps
9		9		"								& Ventilators strictly attended
10	"	9						"	.	.	.	
11		9		"	1							
12		9						"	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation.~~ Error	Distance Run per Patent Log.
S 4/8 E	177.	57'	164	55°40	55°49	307	75.30	75.21	75.25	31° E	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Bedwell	From Sunset To Sunrise
8 - 10	McLeod	
10 - 12	Holmberg	
12 - 2	Hunter	
2 - 4	Benson	
4 - 6	McCulloch	

C. Richmond Mate. Alex^r S. Banks Master.

LOG of the "Euterpe" From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Wind Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Direction	REMARKS, &c. Friday February 19th 1897
1	E×N	8		Westerly	4		–	29/40	45	47	28	This day begins with strong
2		8										breeze from the West^d cloudy & fine.
3	"	8							.	.	.	Sea moderating, wind gradually
4		8		"	"							lessening in force
5		7						"	.	.	.	
6	"	7		"	6							People employed variously
7		6						29/45	.	.	.	finished scraping Jibboom,
8	"	6			5							Carpenter & Sailmaker at
9		5		"					.	.	.	their respective trade.
10		5										
11		5		"	4-5							
12	E×N	5		Westerly				"	46	46	25	Wind falling light. Clear
1		5										& very fine sea quiet, Westerly
2	"	5			4				.	.	.	swell, barometer going up.
3		4		"				"				
4		4							.	.	.	
5	"	4			"							
6		4		"				29/60	.	.	.	All lights lookouts pumps
7	"	4			"							& Ventilators strictly attended
8	"	4		"	3-4				.	.	.	
9		4						"				
10		4							.	.	.	
11	"	4		"	"							
12		4.			1			"	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation.~~ Error	Distance Run per Patent Log.
77 E	136.	30.	133.	54°12	54°14	234.	71.33	71.28.	71.38	25° E	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	McLeod	From Sunset To Sunrise
8 - 10	Hunter	
10 - 12	Benson	
12 - 2	Holmberg	
2 - 4	McCulloch	
4 - 6	Collyer	

C. Richmond. Mate. Alex^r S. Banks Master.

LOG of the "Enterpi"

From Willington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Saturday February 20th 1894.
1	E by E	5		Westerly	4		— 2/10	46	44.	23		This day begins with moderate
2		5										Westerly wind gradually increas-
3		5	½									
4	"	5	½	"	"		"		-	-	-	a force barometer falling
5		6	½	"								shortly. sky clouded & clear
6	"	6	½	"	5			-	-	-	-	alternately. Showery
7		7		"	4		"					Sighted Deyo Ramerick Island
8	"	7		"	6		2/10	-	-	-	-	bearing S.E. 12 miles.
9												
10		8		"				-	-	-	-	10 Pm. Deyo Ramerick Abeam
11	"	8		"	4		"					bearing S. & E. 8 miles. Show-
12	E by E	8		W.N.W			2/10	46	43	23		ers to east, wind freshening
1		9										into a strong breeze &
2		9			8							gradually drawing Northerly
3	"	9		"				-	-	-	-	
4		9										
5		9		N.W			"	-	-	-	-	blowing stiff N.W. wind
6	"	9			"							clouded & overcast Sea
7		9						-	-	-	-	moderate, Westerly Swell.
8		9		"			"					full Rigged ship in sight on
9	"	9			"			-	-	-	-	same way, too far off to Signal
10		9					2/10					
11	"	9		"				-	-	-	-	All lights lookout pumps &
12		9			"		"	-	-	-	-	Ventilator strictly attended to

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 85 E	188.	15.	188.	16° 24'	16° 26'	335.	65° 58'	66° 02'	66° 04'	25°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Benton
McLeod
Holmberg
Collie
Pollard
McCulloch

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex. J. Bruce Master.

LOG of the "Enterpi"

From Willington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Sunday February 21st 1894.
1	N.N.E	8		N.W.	4		— 2/10	45	43	23		This day begins with rapidly
2		7										decreasing wind, & moderate
3	"	6			5							Sea Westerly Swell, sky clear with
4		5					"					cloudy round horizon,
5	"	4		"	3			-	-	-	-	
6		4										Sunday Respected
7		4										
8	"	4		"	4							
9		3						-	-	-	-	
10	"	3			2nd							
11		3		"			"					
12	N.N.E	3		N.N.W			2/10	44	43	23		light winds from N.N.W to Calm
1		2	½		2							& fine, Sea moderate, barom-
2	"	2	½									eter slowly falling, but no ind-
3		2	½	"								-ications of wind anywhere
4		2	½									at present
5	"	2	½									
6		2	½	"								
7	"	2	½									All lights lookout pumps
8		2	½	"								& Ventilators strictly attended
9		2	½									to.
10	"	2	½									
11		2	½	"								
12	"	2	½									

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 7 E	81.	4	84.	16° 25'	16° 21'	107	63° 24'	63° 30'	63° 30'	25°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McLeod
Benton
Hunter
Holmberg
McCulloch
Collie

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex. J. Bruce Master.

LOG of the 'Enterpi' From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Monday February 27th 1894
1	NNE	2		NNW	1		—	29,	45	43	20	This day begins with very
2		2										light NW. airs, clear & very
3		2										fine in appearance, although
4	"	2		"								barometer is low & slowly falling
5		2			"							Sea moderate, crossed Shell
6		2										
7	"	2		"								People variously employed
8		2			"							Carpenter & Sailmaker at
9		2										their respective duties
10	"	2		"								
11		2										
12	NNE	2		NNW	1			29,40	45	20		
1		2										Continued light winds
2		2										throughout the remainder
3		2		"	"							of this day sky clear, Sea
4	"	2										as above stated
5		2										
6		2		"	"							
7		2										
8	"	2										All light lookout pumps &
9		2		"	"							Ventilators strictly attended to.
10		2										
11	"	2		"	"							
12		2										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
		N.	E.	S.	S.	W.	W.	W.	W.	Error	
NNE	48.	36'	31'	55.4'	55.5'	86.	63°31'	63°35'	63°35'	20°E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Hunter
Holmberg
McCulloch
Benson
Geddes
Bridwell

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex. S. Bauchop Master.

LOG of the 'Enterpi' From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Tuesday February 28th 1894
1	NE.	3	2	WSW	3		—	29.	44	44	22	This day begins with light brac
2		3	½									ing variable at from W to W & gradually
3		4			4					-	-	increasing in strength sky
4	"	4		"					"			clearing, Sea moderate, frequent
5		5			4					-	-	showers.
6		5										
7	"	5			5				"	-	-	People variously employed
8		5		SW								Carpenter & Sailmaker at their
9		6			5					-	-	respective duties,
10	"	6							"			
11		6		"	"					-	-	
12	NE	6		SW				29,0	44	40	22	Pleasant breeze from S.E.
1		6			5							showery, otherwise clear & fine
2		6								-	-	Sea moderate, SW swell few
3	"	6		"					"			clouds from S.E. barometer
4		6			"					-	-	slowly moving upward.
5		6										
6	"	6		"								
7		6			"				"	-	-	All lights lookouts pumps &
8		6						29,5				Ventilators strictly attended to.
9	"	6		"	6					-	-	
10		6										
11	"	6		"	"				"			
12		6								-	-	

BEARING & DISTANCE AT NOON.

URSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
		S.	W.	S.	S.	W.	W.	W.	W.	Error	
6E	135.	55.	123.	54.9'	54.55'	215.	57.16'	58°9'	58°9'	23°E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Holmberg
Jas
Hunter
McCulloch
Sedgwear
Benson

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex. S. Bauchop Master.

LOG of the "Euterpi"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Wednesday February 24th 1897.
1	N x E	4		S.W.	6		—	29/10	45	40	11 E	This day begins with fresh SW wind clear fine, occasional passing showers. Sea moderate
2		4										
3	"	4							.	.	.	
4		4		"	"			"				
5		4							.	.	.	People employed scaling coamings off starboard or lower bulwark.
6	"	4										
7		4		"	"			"	.	.	.	Carpenter & Sailmaker at their respective duties
8		4										
9	"	4							.	.	.	
10		4		"	"							
11		4							.	.	.	
12	N x E	4		S.W.	S		29/20	45	44	48	E	Pleasant breeze from SW. clear & fine sea smooth, bar slowly going up.
1		6										
2	"	6							.	.	.	
3		6		"	"			"				
4		6							.	.	.	Steamer Strathcona 65 days out from Vancouver for Plymouth hailing from St Johns NB. also spoke German Barque name unknown 62 days out from Samoa.
5		6										
6	"	6		"	"			"				
7		6							.	.	.	
8		6										
9	"	6		"	H			"				
10		6							.	.	.	All lights lookouts pumps & Ventilators strictly attended to.
11	"	S		"	"		29/50					
12		S							.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference of Lat.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
								East			
N 29 E	184.	144.	135	12-37	18°40	195	16-51	16°46	16°46	18 E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	8

NAME.

Benson
McCulloch
Sedgeman
McCrae
Thomson
Thomson

LANTERNS HUNG OUT

From Sunset To Sunrise

C Richmond Mate. Alex. J. Banks Master.

LOG of the "Euterpi"
From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Thursday February 25th 1897.
1	N x E	3		West.	2		—	29/45	45	44	14	This day begins with light variable winds falling very light sky clear sea smooth, very little indication of wind anywhere
2		3										
3	"	3							.	.	.	
4		3		"	"			"				
5		2							.	.	.	People employed scaling bow bulwarks & other sundries
6	"	2			1							
7		2		"				"	.	.	.	
8		2										
9	"	2							.	.	.	Carpenter & Sailmaker at their respective duties
10		2		"	"							
11		2							.	.	.	
12	N x E	2		W by S	1		—	29/45	45	44	14	
1		2										light airs from the W by S clear every fine sea smooth no indication of wind anywhere.
2		2							.	.	.	
3	"	2		"	"			"				
4		2							"	.	.	
5		2										
6	"	2		"	"			"				
7		2							.	.	.	
8		2							"			All lights lookouts pumps & Ventilators strictly attended to.
9		2		"								
10		2							.	.	.	
11	"	2							"			
12		2		"	"							

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference of Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
		N.		S.	S.			East			
E E	52	44.	22.	11°50	11°57	35	16-16	16°18	16°41	17°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	8

NAME.

Thomson
Hunter
Iles
Sedgeman
Thomson
McCrae

LANTERNS HUNG OUT

From Sunset To Sunrise

T. Richmond Mate. Alex. J. Banks Master.

LOG of the "Euterpe" From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air.	Temperature Water.	Deviation	REMARKS, &c.
												Friday February 26th 1897.
1	N¾E	3		WNW	3		–	29/40	45	48	18	This day begins with gradually
2		3										increasing breeze, clear & fine
3		4			"							sea smooth.
4	"	4		"	"			"				
5		5			4							People variously employed
6		5										caulking bulwark & other sundries
7	"	5						"				Carpenter & Sailmaker at their
8		5		"	"							respective duties
9		6										
10	"	6			5							
11		6		"				"				
12	N×E	6		N.W.				29/30	45	48	18	Sky becoming clouded & over-
1		6			"							cast, & wind freshening, bar-
2	"	6										ometer falling indication
3		6		"								of more wind from the NW
4		6			"							
5	"	7						29/2				
6		7		"	6							
7		7										All lights lookout pumps
8	"	7										& ventilators strictly attended to.
9		7		"	"			"				
10		7										
11	"	7			"			29/20				
12		7		"								

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation~~ Error	Distance Run per Patent Log.
N48E	138.	112.	132.	51.09	51.08	209	12°47	12°50	12°50	18°	—

ON THE LOOK-OUT		NAME.
From 6	To 8	Bedwell
8	10	McCulloch
10	12	Sedgreave
12	2	Hunter
2	4	Iles
4	6	Thomson

LANTERNS HUNG OUT From Sunset To Sunrise

D Richmond. Mate. Alexr. S. Banks Master.

LOG of the "Euterpe" From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air.	Temperature Water.	Deviation	REMARKS, &c.
												Saturday February 27th 1897.
1	N¾E	8		NW	4		–	29/20	43	43	17	This day begins with strong breeze
2		8										from the W.N.W. cloudy & overcast squally
3	"	8										with rain, sea moderate,
4		8		"				"				
5		8			"							People variously employed.
6	"	8										Carpenter & Sailmaker at their
7		8		WNW				"				respective trades.
8	"	8										
9		8			"							
10	"	8										
11		8		"	4							
12	N×E.	8		West	4			29/25	43	43	16	Continued fresh breeze veering
1		8	½									Westerly to W.S.W. throughout the
2		8	½		"							remainder of this day.
3	"	8	½	"								
4		8	½					"				
5		8										Carpenter overhauled down aloft & all
6	"	8		WSW	"							machinery around the decks.
7		8										Decks washed down & all berths
8	"	8						"				forecastle &c thoroughly cleaned
9		8		"	"							
10	"	8						"				All lights lookout pumps &
11		8		"				"				ventilators strictly attended to
12		8						"				

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation~~ Error	Distance Run per Patent Log.
N 64 E	194	84	144.	49.47	49.49	241.	118.6	118.00	118.20.	16°	—

ON THE LOOK-OUT		NAME.
From 6	To 8	McCulloch
8	10	Bedwell
10	12	Hunter.
12	2	Sedgreave
2	4	Thomson
4	6	Iles

LANTERNS HUNG OUT From Sunset To Sunrise

D Richmond Mate. Alexr. S. Banks Master.

LOG of the "Euterpe" From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run: Knots	Fathoms	Winds: Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
											1 Sm	Sunday February 28th 1894.
1	NE.	7		SW	6		--	29/30	44	48.	11	This day begins with fresh SW win[d]
2		7				[illegible]						clear & fine squally with showers
3		7							.	.	.	sea moderate,
4	"	7		"	"			"				
5		6				[illegible]			.	.	.	
6		6			5				.	.	.	Sunday Respected.
7	"	6						"	.	.	.	
8		6		"		[illegible]						
9		6			"			"	.	.	.	
10		6		"								
11	"	6							.	.	.	
12		6		South	5			29/40	44	48	10 E	continued moderate breeze
1	NE	6										clear & fine throughout the
2		6				[illegible]			.	.		remainder of this day.
3		6		"	"			"	.	.	.	
4	"	6							-	.	.	
5		6				[illegible]						
6		6		"				"	.	.	.	
7	"	6			"	[illegible]						All lights lookouts pumps
8		6						"	.	.	.	& Ventilators strictly attended to
9		6		"								
10		6			"							
11	"	6						"	-	-	.	
12		6.		"					.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation.~~ Error	Distance Run per Patent Log.
		N.	E.	S.	S			West			
N53E.	147.	91	116	48°11'	48°16'	176.	45°00	45°21	45°21	10 E	"

ON THE LOOK-OUT	NAME.
From 6 To 8	Collier
8 · 10	McCulloch
10 · 12	Sidgreen
12 · 2	Bedwell
2 · 4	Hunter
4 – 5	Thomson

LANTERNS HUNG OUT From Sunset To Sunrise

F. Richmond Mate. Alexr. S. Banks Master.

LOG of the "Euterpe" From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run: Knots	Fathoms	Winds: Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
											1 Sm	Monday March 1st 1894.
1	NE	7		South	6		--	29/40	45	49.	10 E	This day begins with moderate
2		7										Southerly winds, squally otherwise
3		7				[illegible]			.	.	.	fine & clear sea moderate,
4	"	7		"	"				.			clouds from the S.W. westerly
5		7							.	.	.	swell,
6	"	7			"	[illegible]		"				
7		7		"					.	.	.	People variously employed, scaling
8		7				[illegible]		29/60				bulwarks &c
9	"	5			4				.	.	.	Carpenter & Sailmaker at their
10		5		"								respective duties
11		5						"	.	.	.	
12	NE	5		SW	"				45	49.	10 E	
1		4			3							wind falling away rather
2		4						"	.	.	.	light, clear & very fine in
3	"	4		"								appearance, sea smooth,
4		4				[illegible]			-	.	.	
5	"	4			"			29/70				
6		4		"		[illegible]			.	.	.	All lights lookouts pumps &
7		4		WSW								Ventilators strictly attended to
8	"	4				[illegible]			.	.	.	
9		4		"	"			"				
10	"	4							-	.	.	
11		4		"	"			"				
12	"	4							.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation.~~ Error	Distance Run per Patent Log.
		N	E	S		E		West			
N54E.	176.	74.	100	46°57	47°04	151	42°49	42°10	42°10	10 E	—

ON THE LOOK-OUT	NAME.
From 6 To 8	J. Lee.
8 · 10	Bedwell
10 : 12	Hunter
12 · 2	Thomson
2 - 4	Pollok
4 – 5	McCrae

LANTERNS HUNG OUT From Sunset To Sunrise

F. Richmond Mate. Alexr. S. Banks Master.

LOG of the "Eutrope" From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Wind Direction	Wind Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
											E	Tuesday March 2nd 1897.
1	NE½E	5	½	Sw	5		—	29/70	46	50	4	This day begins with squally
2		5	½									weather with rain, sea moderate
3	"	6	½			All			.	.	.	wind gradually freshening
4		6	½	"	"							into a strong breeze,
5		7	½		6				.	.	.	
6	"	7	½									People variously employed
7		8		"	"		"		.	.	.	Carpenter & sailmaker at their
8	"	8			7							respective trades.
9		8							.	.	.	
10		8		"			"					
11	"	8	½						.	.	.	
12	NE×E	8	½	Sw	"			29/65	46	47	6	Strong breeze with hard
1		9			8							squalls, handed small sail
2	"	9							.	.	.	sea moderate, sky overcast
3		9		"								& heavy.
4	"	9			"				.	.	.	
5		8					"					Sky breaking & clearing up wind
6	"	8		"	7			29/75				rapidly moderating set
7		8							.	.	.	all square sail
8		8							.	.	.	
9	"	7	½	"	"	All						All lights lookout pumps
10		7	½		6		"					& Ventilators strictly attended to.
11		7	½	"					.	.	.	
12	"	7	½		"			30/–	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation (Error)	Distance Run per Patent Log.
N54°E	186'	101. N	157. E	45°16 S	45°16	222.	39.04 West	39°30	39.30	4°	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Bidwell	From Sunset To Sunrise
8 " 10	McCulloch	
10 " 12	Sedgreave	
12 " 2	Hynter	
2 " 4	Lee	
4 " 5	Pollok	

C. Richmond Mate. Alexr. S. Banks Master.

LOG of the "Eutrope" From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Wind Direction	Wind Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
											E	Wednesday March 3rd 1897.
1	NE½E	6		Sw	5.		—	30/10	50	57	3	This day begins with moderate
2		6										breeze, clear & very fine in
3		5				All			.	.	.	appearance sea smooth, light
4	"	5		"	4							cirrus clouds from S.W. also slight
5		5						"	.	.	.	Southerly swell,
6		5										
7	"	5		"	"				.	.	.	People employed cleaning teakwood
8		5						"				Carpenter & sailmaker at their respective
9		5							.	.	.	duties
10	"	5		"								
11		5			"				.	.	.	
12	NE×E	5		Sw.				30/10	58	54	3	Wind falling away in force
1		4	½		3-4							weather fine & clear, sea smooth,
2		4	½	"					.	.	.	no indication of much wind
3	"	4	½		"	All		"				anywhere,
4		4	½						.	.	.	
5		4	½	"								
6	"	4	½		"			30/20	.	.	.	
7		4	½									All lights lookouts pumps &
8		4	½						.	.	.	Ventilators strictly attended to.
9	"	4	½	"	"			"				
10		4	½						.	.	.	
11		4	½									
12	"	4	½.		"			"	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation (Error)	Distance Run per Patent Log.
76 E	116'	71. N	93. E	44.05	44.09 S	138.	37.02	37.00	37.00	3 E	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Sedgreave	From Sunset To Sunrise
8 " 10	Hunter	
10 " 12	Lee	
12 " 2	Thomson	
2 " 4	Pollok	
4 " 6	McCrae	

C. Richmond Mate. Alexr. S. Banks Master.

LOG of the 'Euterpi'
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Thursday March 4th 1897
1	N.E	4		N.W.	3.		—	29/20	56	58	0	This day begins with light
2		4										N.W. winds clear fine, sea
3		4							-	-	-	smooth, few cumulus clouds from
4	"	4		"	4			"				the S.W.
5		4							-	-	-	
6		4										People employed cleaning, Teak
7	"	4		"	1			1	-	-	-	Carpenter & Sailmaker at their
8		4		1	1							respective duties
9		4							-	-	-	
10	"	4		"	1			1				
11		4							-	-	-	
12	N.E	4		W.S.W	3			29/10	56	58	0	Continued light winds
1		3	½									drawing westerly, weather
2		3	½						-	-	-	fine & clear, sea smooth,
3	"	3	½	"	1			1				few cumulus clouds
4		3	½						-	-	-	moving slowly from the S.W.
5	1	3	½		1							
6		3	½	W.N.W				1	-	-	-	
7		3	½									
8	1	3	½		1				-	-	-	All lights lookout pumps
9		3	½	1				1				& Ventilators strictly attended to.
10	1	3	½		1				-	-	-	
11		3	½	1								
12		3	½						-	-	-	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				° ′	° ′	′	° ′	° ′	° ′	° ″	
N.54 E	90.	53.	73	43.17	43.11	105	35.14	35.20	35.20	2 00	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Bedwell
McLeod
Thomson
Hunter
McRae
Pilot

LANTERNS HUNG OUT

From Sunset To Sunrise

J. Richmond Mate. Alex. A. Barber Master.

LOG of the 'Euterpi'
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Friday March 5th 1897
1	N.E	4	2	Westerly	4		—	29/12	57	59	0	This day begins with pleasant
2		4	4									breezes from the West & N.W. variable
3		5							-	-	-	in direction, sea smooth, weather
4	"	5		"	"							exception allay fine in appearance
5		5							-	-	-	
6		5		W.N.W								People employed cleaning, Teak
7	"	5							-	-	-	wood
8		5			"							Carpenter & Sailmaker at
9		5							-	-	-	their respective duties
10	"	5		"								
11		5							-	-	-	
12	N.E	5		N.W.	4			29/10	57	59	0	
1		5										Continued moderate breezes
2		5			"				-	-	-	from the N.W. & W.N.W. mostly
3	"	5		"								sea-weather, sky as above
4		5							-	-	-	Stated
5	"	5										
6		5		W.N.W	"				-	-	-	
7		5										
8	"	5			"				-	-	-	All lights lookout pumps
9		5		"	"							& Ventilators strictly attended to
10		5							-	-	-	
11	"	5		"								
12		5							-	-	-	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				° ′	° ′	′	° ′	° ′	° ′	° ″	
N.3 E	121	88′	83	41.44	41.43	118′	33.36	33.14	33.19	2 00	

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McLeod
Bedwell
Thomson
Hobbs
McCulloch
Hunter.

LANTERNS HUNG OUT

From Sunset To Sunrise

J. Richmond Mate. Alex. A. Barber Master.

LOG of the "Euterpe" From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
											5 mm	Saturday March 6th 1897.
1	NbE	4		NW	3.		—	30/	19	17	4"	This day begins with light
2		4										N.W. winds clear & very fine
3	″	4				All		.	.	.		sea smooth.
4		4		″	″							
5	″	3						.	.	.		People employed cleaning teakwood
6		3			2	″	″					Carpenter & Sailmaker at their
7	″	3		″				.	.	.		respective trades.
8		3				″						
9	″	2	½		″		″	.	.	.		
10		2	½	″								
11		2	½					.	.	.		
12	NbE	2	½	NW	1½			30/	19	17	4"	Wind falling very light
1		2	½									clear & very fine sea smooth
2	″	2	½	″				.	.	.		no indications of wind any
3		2	½		″	All	″					where, sky looking very quiet
4		2	½					.	.	.		no motion on the light fine clouds
5	″	2	½	″		″						overhead.
6		2	½		″		″	.	.	.		
7		2	½	″		″						
8	″	2	½				″	.	.	.		All lights lookout pumps &
9		2		″	″							ventilators strictly attended to
10		2										
11	″	2		″			″	.	.	.		
12		2						.	.	.		

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation.~~ Error	Distance Run per Patent Log.
N 46 E	65	45'	47	40.59	41.00	62.	37.24	37.24	37.24	4½	—

ON THE LOOK-OUT

From	To	NAME.
6	8	Hunter
8	10	Sedgreave
10	12	Thomson
12	2	Allen
2	4	McCrae
4	6	Pollock.

LANTERNS HUNG OUT From Sunset To Sunrise

C. Richmond Mate. Alexr. S. Banks Master.

LOG of the "Euterpe" From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
											mm	Sunday March 7th 1897
1	NbE	2		NW	1		—	30/	19	19	7"	This day begins with very
2		2				All						light winds & airs, nearly
3		2						.	.	.		calm at times, baffling in
4	″	2		″	″							direction, sea smooth.
5		1		″		″		.	.	.		
6	ENE	1		″	0.5							Sunday Respected
7		1		″				.	.	.		
8		1				″						
9	″	1						.	.	.		Sighted Brt Barque on Right
10		1			″							name unknown too far
11	″	1						.	.	.		distant to distinguish signals
12		1										
1	E×N	1	½	″				— 30/	19		5"	
2		1	½	″		All						
3		1	½	″	″			.	.	.		Continued light baffling
4	″	1	½	″								airs throughout the remainder
5		1	½			″		.	.	.		of this day.
6		1	½									
7	ENE	1	½	″				.	.	.		
8		1	½			″						All lights lookout pumps
9		2			1			.	.	.		& ventilators strictly attended to
10	″	2		″								
11		2			″			.	.	.		
12	″	2						.	.	.		

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation.~~ Error	Distance Run per Patent Log.
64 E	36.	16.	33.	40.43	40.45	43	36.41.	36.40	36.40	5	—

ON THE LOOK-OUT

From	To	NAME.
6	8	Sedgreave
8	10	Hunter
10	12	Thomson
12	2	Thomson
2	4	Pollock
4	5	McCrae.

LANTERNS HUNG OUT From Sunset To Sunrise

C. Richmond Mate. Alexr. S. Banks Master.

LOG of the 'Euterpe' From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Wind Direction	Force	Lee Way	Barometer	Temp. Air	Temp. Water	Deviation
1	ENE	3		Northerly	4	—	30,	58	59.	4
2		3					.	.	.	
3		3					.	.	.	
4	"	3		"	"		.	.	.	.
5		3					.	.	.	
6		3					.	.	.	.
7	"	3		"						
8		3			"		.	.	.	.
9		3								
10		3		"			.	.	–	–
11	"	3								
12	ENE	3		Northerly	3		.	.	.	.
1		4					30	59	59.	4
2		4								
3	"	4		"	"		.	.	–	.
4		4								
5		4		"			.	.	.	.
6	"	4			"		.	.	.	
7		4					.	.	.	.
8	"	4		"						
9		4			"		.	.	.	.
10		4		"						
11	"	4			"		.	.	.	'
12		4					.	.	.	

REMARKS, &c.

Monday March 8th 1894.

This day begins with light Northerly winds clear & very fine, Sea smooth,

People employed cleaning Teakwood

Carpenter & Sailmaker at their respective trades.

Pleasant Northerly breeze clear & very fine, Barque 'Orari' of London passed us alongside & hailed us, reported being 51 days out from Sydney for Boston also lost a boy called Lambert overboard off Cape Horn, also sent his boat, requesting a few tins of Extract of Beef, having a sick man on board not likely to recover, with which we supplied him,

All lights lookout pumps & Ventilators strictly attended to.

BEARING & DISTANCE AT NOON.

Course	Distance	Difference Latitude	Departure	Latitude by Account	Latitude Observed	Difference of Longitude	Longitude by Account	Longitude by Chronometer	Longitude Observed	Error	Distance Run per Patent Log
N61E	84.	41.	73	40.07	S. 40.00	95	30.06	30.04 West	30.04	4½	—

On the Look-out	Name
From 6 To 8	Hunter
8 – 10	Sidgreaves
10 – 12	Skidmore
12 – 2	Iles
2 – 4	Pollock
4 – 6	McLeod

LANTERNS HUNG OUT From Sunset To Sunrise

G. Richmond Mate. Alexr. S. Baxter Master.

LOG of the 'Euterpe' From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses	Knots	Fathoms	Wind Direction	Force	Lee Way	Barometer	Temp. Air	Temp. Water	Deviation
1	E	4		NNE	3	—	30.	60	61.	17
2	"	4						.	.	
3	E b N	3		"				.	.	
4		3			"			–	.	
5	SE b E	3		"				.	.	
6		3						.	.	
7	"	3		NE	"			.	.	
8	"	3						–	.	
9	SE	3			"			–	.	
10		3								
11	"	3		"						
12	"	3			"			–	.	–
1	SE b E	4		NE	3			60	60	16
2		4								
3	"	4		"				–	.	.
4	SSE	4		ENE	"					
5		3								
6	"	3						.	–	–
7	NNE	3		"	"			.	.	5
8		3								
9	"	4			"			–	–	.
10		4		"	"					
11	"	4						–	–	.
12	"	4		"	"					

REMARKS, &c.

Tuesday March 9th 1894

This day begins with light NNE winds, baffling, clear & fine, Northerly swell,

People employed cleaning teak wood,

Carpenter & Sailmaker at their respective trades.

Wind gradually backing to the Eastward, sky becoming clouded & increasing wind unsteady in force, Northerly swell.

6 a.m. Sighted Ship to the North'd.

All lights lookouts pumps & Ventilators strictly attended to.

BEARING & DISTANCE AT NOON.

Course	Distance	Difference Latitude	Departure	Latitude by Account	Latitude Observed	Difference of Longitude	Longitude by Account	Longitude by Chronometer	Longitude Observed	Error	Distance Run per Patent Log
N 84°E	55.	6'	55	40.05	40.01	72	28.53	28.53 West	28.53	14 / 1½	—

On the Look-out	Name
From 6 To 8	McLeod
8 – 10	Hunter
10 – 12	McCrae
12 – 2	Holmberg
2 – 4	McCullough
4 – 6	Thomson

LANTERNS HUNG OUT From Sunset To Sunrise

G. Rich[...] Mate. Alexr. S. Baxter Master.

LOG of the *Eutropi*

From *Wellington* Towards *London*

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Wednesday March 10th 1897.
1	N by E			E by N	4		—	29/61	61	62	5° W	This day begins with moderate
2												breeze from the East. cloudy
3	"											forecast, thick mist at time
4				4	4							nasty Northerly swell, causing
5	"											vessel to dive heavily at times
6												Lookouts kept going all day.
7				4								
8	"				4							People employed cleaning Teak
9												wood,
10	"			4	4							Carpenter & Sailmaker at their
11												respective trade
12				E by N				29/61	61	61	5° W	
1	N by E	6										Continued moderate breeze
2		6										freshening a little, sky clouded
3		6		4	4							& clear overhead alternately.
4	"	6										Dry bank hanging around the
5		6										horizon
6		6		4	4							
7	"	6										
8		6										
9		6										All lights lookouts pumps &
10	"	6		4								Ventilators strictly attended to
11		6										
12		6			4							

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				° ′			° ′				
North	137	132	—	37.36	37.04	—	28.22	28.22	28.34	5° W	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Ellis
Whitelaw
Greedi
Hunter
Thomson
Sedgreave

LANTERNS HUNG OUT

From *Sunset* To *Sunrise*

T. Richmond Mate. *Alex. [illegible]* Master.

LOG of the *Eutropi*

From *Wellington* Towards *London*

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Thursday March 11th 1897.
1	N by E	5		East	4		—	29/10	62	62	5° W	This day begins with moderate
2		5										Easterly winds cloudy forecast
3		5			4							continues drizzling rain, N.
4	"	5		4								Swell,
5		4			3				4			
6		4										People employed cleaning ship
7	"	4		4								Carpenter Sailmaker at their
8		4			4							respective trade
9		3	½						4			
10	"	3	½	4								
11		3	½		4							
12	N by E	3	½	E by N				29/65	62	62	5° W	
1		3	½									Continues drizzling rain wind
2	"	3	½		4							unsteady, & falling gradually
3		3	½									away to a fine, sea smooth
4	North	3	½	East					4			sky heavy overcast,
5		3	½		2							
6		2	½						4			
7		2	½		4							
8		2	½									All lights lookouts pumps
9					0							& Ventilator strictly attended to
10		0										
11					4				4			
12												

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				° ′			° ′				
40° E.	70	70	0.0.	36.46	×	8′	28.46			5° W	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6.

NAME.

Whitelaw
Ellis
Hunter
Greedi
Thomson
McCrae.

LANTERNS HUNG OUT

From *Sunset* To *Sunrise*

T. Richmond Mate. *Alex. [illegible]* Master.

LOG of the "Eutarpe" From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Friday March 12th 1897.
1	North	3		V	3		—	29.15	64	64	3°	This day begins with variable
2		3										wind varying from S.W. to S.
3	"	3		Variable		Q.G.						heavily overcast & heavy rain
4		3										falls. Sea moderate,
5		3			1	Sail						
6	"	3										People employed cleaning ship
7		3										Carpenter & Sailmaker at their
8		3		Variable			1					respective trades.
9		3			4	Sail						
10	"	3										
11		3		from								
12	"	3			3		2/10	64	64	3°		Continued unchanged wind
1	North	3		S.W.								& rainy weather, barometer
2		3										falling,
3	"	3		"		Q.G.	"					
4		3		to								
5		2		S.W.	2	Sail	2/6					Breeze increasing more cloudy
6	"	2				Set						from the Southward sky clearing
7		3			"							towards
8		3										
9	"	3			3		4					All lights lookouts pumps &
10		3										Ventilators strictly attended to
11	"	3			"		"					
12		3										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude. N	Departure. E	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer. Noon	Longitude Observed.	Variation. Noon	Distance Run per Patent Log.
N 7°W	70'	70-	8	38-36	38°25-	10"	28°16	28°24	28°24	4°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Hunter
McCulloch
Sidgreaves
McRae
Thomson
Thomson

LANTERNS HUNG OUT

From Sunset To Sunrise

T. Richmond Mate. Master.

LOG of the "Eutarpe" From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Saturday March 13th 1897.
1	West	4		S.W.	4		—	29.11	65	66	3°	This day begins with moderate
2		5										breeze from the S.W. clear & fine in
3		5				Q.G.						appearance, Sea moderate
4		5			4							
5		5										People variously employed,
6		5				Sail						cleaning ship & other sundries,
7		5			4							
8		5			5							Carpenter oiling down deck & all
9		5				Sail						machinery around the decks.
10		5										Sailmaker at his trade
11		5										
12		5		W.S.W.	4			29.06	69	68		
1	W.S.	5										Continued moderate breeze
2		5				Q.G.						throughout the remainder of this
3		5										day.
4		5				Sail						
5		5										Decks washed down & all deck
6		5										fittings &c thoroughly cleansed
7		5				Sail						
8		5										
9		5										All lights lookouts pumps &
10		5										Ventilators strictly attended to
11		5										
12		5										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude. S	Departure.	Latitude by Account. S	Latitude Observed.	Difference of Longitude.	Longitude by Account. W	Longitude by Chronometer. Noon	Longitude Observed.	Variation. Noon	Distance Run per Patent Log.
S.E.	119.	106.	53.	33°44	33°51	64	27.44	27.46	27.46	8°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McCulloch
Hunter
Thomson
Sidgreaves
Whitelaw
McRae.

LANTERNS HUNG OUT

From Sunset To Sunrise

T. Richmond Mate. Master.

LOG of the "Euterpi"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Sunday March 14th 1897.
1	N.E.N	5		SW	4		—	29/11	66	67	W	The day begins with moderate
2		5										breze from SW clear fine in
3	"	5				Reefed			-	.	.	appearance Sea quiet,
4		5		"	"		"					
5		5							-	.	.	
6	"	5				Set						Sunday Respected.
7		5		"			"		.	.	.	
8		5			"							
9	"	5				Reefed		29/10	.	.	.	
10		5				Set						
11		5		"	"							
12	N.E.N	5		NNE				"	67	67	7	wind drawing gradually
1		4			3							the Eastward, & falling light
2	"	4										Sea smooth,
3		4				Reefed		"	.	.	.	
4		4		"	"							
5		4						29/6	.	.	.	
6	"	4		NE	"	Set						
7		3							.	.	.	
8	"	3			2	Reefed		"				All lights Lookout pumps
9		3		"		Set			.	.	.	& Ventilators strictly attended to
10		3			"							
11	"	3		East	"			29/	.	.	.	
12		3										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
					South.			East			
N25°E	108'	97'	45'	33°14'	33°15'	57.	76°53'	96°50	76°10	4°W	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Hunter
Sedgreave
Freedis
Thomson
McCue
Whitelaw

LANTERNS HUNG OUT

From Sunset To Sunrise

O Rickmond Mate.

Alex. L. Bowden Master.

LOG of the "Euterpi"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Monday March 15th 1897.
1	N.E	2		ENE	1		—	29/10	67	68	6	The day begins with light
2		2										airs from ENE sky gradually
3		2				Reefed			-	.	.	becoming clouded forecast
4		2				Set						every indication of rain
5	"	1		"	0.5	Reefed			-	.	.	
6		1				Set						People employed cleaning
7		1							-	.	.	ship
8		1		"		Reefed						Carpenter & Sailmaker at their
9	"	1				Set			-	.	.	respective trades
10		1			"							
11		1							-	-		
12	N.E	1		ENE				29/05	68	68	6	
1		2			1.4							
2		2							-	.	.	light breze from the ENE
3	"	2	½			Reefed						drizzling rain coming away
4		2	½	"	"	Set			-	.	.	Sea smooth,
5		2	½									
6		2	½			Reefed			-	.	.	
7	"	2	½	"	"							All lights Lookouts pumps
8		2	½			Set			-	.	.	& Ventilators strictly attended to
9		2	½									
10	"	2	½	"	"				-	.	.	
11		2	½									
12		2	½	"	"				-	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				S.							
S°E	45.	44.	3'	31°32'	/	5'	26.44	No Light.		6°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Sidgreave
Hunter
Bedwell
Freedis
Whitelaw
Benton.

LANTERNS HUNG OUT

From Sunset To Sunrise

O Rickmond Mate.

Alex. L. Bowden Master.

LOG of the 'Euterpe'
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Tuesday March 16th 1897
1	N.N	2		NE	1		-	29/30	71	72	6	This day begins with light baffling winds, showery, falling calm
2	NNW	3										
3	N	3		NNW	2	G			-	-	-	
4	"	2		"	1	G		1			10	
5		0										People employed cleaning ship
6	Calm	0							-	-	-	Carpenter Sailmaker at their
7		0			0	S&G						respective
8		0						1				
9	East	4		NE	3	S&K			-	-	-	
10		5										Breeze springing up from the N
11	1	6		"	4			1	-	-	-	gradually drawing to the
12	"	6			5							N.W eyeally, & showers,
1	ENE	5		N.			29/72	72	72	70		
2		5			4	G						
3	1	5		1		G			-	-	-	
4		5										Moderate breeze unsteady
5	NE-E	4		NNW	3	S&K		"				force, sky clearing at times
6		4										Lead sounded,
7	1	4		1	1	S&K		1	-	-	-	Barque 'Orari' in sight on
8	"	4		"	"							lee beam, hull down,
9	NE	5		NW	4				-	-	-	
10		5										All lights lookouts pumps
11	1	5		1	"		"		-	-	-	Ventilators strictly attended to
12	"	5		"								

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
								Great		Easn	
NNE	88	67	57	30°30	30°32	4M	25°33	25°40	25°40	10°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McCrae
Pollock
Whitelaw
Thomson
Benson
Breedie

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond. Mate. Alex. S. Barclay Master.

LOG of the 'Euterpe'
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Wednesday March 17th 1897
1	NE-N			N-W	4		-	29/72	73	73	9	This day begins with moderate
2												breeze from the N.W. clear &
3									-	-	-	fine in appearance, smooth &
4	1			4	4	G						clear from the W.ds clouds.
5												
6						S&K			-	-	-	People employed cleaning ship
7	4			WNW	1	S&K						Carpenter & Sailmaker at their
8								1				respective trades.
9						S&K			-	-	-	
10	"				1							
11									-	-	-	
12	NE-N			West				29/62	73	73	9	Wind gradually drawing to the
1					3							Westward & SW & freeling away
2									-	-	-	light sea quiet,
3	1			1		G						
4					1	G			-	-	-	Barque Orari in sight,
5	4			SW		S&K						Signalled & reported the death
6					2	S&K		29/72	-	-	-	of the sick seaman two days
7												ago
8	7			1		S&K			-	-	-	
9					1							All lights lookouts pumps
10	1								-	-	-	& Ventilators strictly attended to.
11				4	4							
12	"							30	-	-	-	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
SE	100	90	43	29°0'	29°04	49'	24.44	24°46	24°46	10°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McLeod
McCrae
Hunter
Thomson
Pollock
Benson

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex. S. Barclay Master.

LOG of the 'Euterpi'
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Thursday March 18th 18
1	N E	2		Southerly	1		—	30/	77	76	11	This day begins with light Southerly winds, clear very fine Sea smooth, no indication of wind about anywhere,
2		2										
3		2										
4	"	2		"								
5		2			1							
6	"	2										People employed cleaning ship
7		2										Carpenter + Sailmaker at their respective trades
8		2		1								
9	"	2			1							
10		2										
11		2										
12	N E	2		Southerly	1			30/	78	76	11	Continuation of very light Southerly wind falling away calm towards the remainder of this day.
1		2										
2		2										
3	"	2		"	1							
4		2										
5		2										
6	"	2		"	"							
7		2										All light lookout pumps + Ventilators strictly attended
8		2										
9	"	1		"	0.5							
10		1										
11	"	1		"	"							
12		1										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
North	44	44	—	28°20'	28°31'	—	24.44	24.43	24.43	11°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Pollock
Hunter
Thomson
McHart
Holmberg
McRae

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond. Mate. Alex. J. Brooks Master.

LOG of the 'Euterpe'
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Friday March 19th 18 94
1	N E	2		S E	1		—	30	77	76	11	This day begins with a continuation of light winds, very fine weather, Sea smooth
2		2										
3		2										
4	"	2										
5		2		"								People employed cleaning ship
6		2										
7	"	2			1							
8		2		"								Carpenter + Sailmaker at their respective trade.
9		2										
10	"	2										
11		2										
12	N E	2		S E	2			30/	78	76	11	
1		3			2							light S E winds clear very fine, very little motion in the clouds, Sea smooth
2		3										
3	"	3		"								
4		3			1							
5		3										
6	"	3		"								
7		3			1							All light lookout pumps + Ventilators strictly attended to.
8		3										
9	"	3		"								
10		3										
11		3										
12		3										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N	60	60	—	27.20	27°27'	—	24.44	24.43	24.43	11°	—

ON THE LOOK-OUT

on		To
	6	8
	8	10
	10	12
	12	2
	2	4
	4	5

NAME.

Hunter
Pollock
McLeod
Thomson
McRae
Holmberg

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex. J. Brooks Master.

LOG of the 'Euterpe' From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
											5 m	Saturday March 20th 1897
1	NE×N	2		Southerly	1		~	30	80	76	17	This day begins with light
2		2										Southerly air, clear & very fine
3		2				All		"	"	"	"	in appearance, no motion
4	"	2		"								in the cirrus & cumulus clouds
5		2			"			"	"	"	"	Sea perfectly smooth
6		2				Sail						
7	"	2		"				"	"	"	"	People employed cleaning the
8		2				Set						Carpenter oiling down aloft
9		2			"			"	"	"	"	& all machinery on deck
10	"	2										
11		2		"								
12	NE×N	2		Southerly				30	80	76	17	
1		1	½		0.5							Nearly calm at times
2		1	½					"	"	"	"	light Southerly air, no
3	"	1	½			All						indication of any wind
4		1		"	"			"	"	"	"	about
5		1				Sail						
6	"	1		"				"	"	"	"	Decks washed down & all bulk
7		1										fo'castle &c thoroughly cleansed
8		1			"	Set		"	"	"	"	
9	"	1		"								
10	"	1						"	"	"	"	All lights lookouts pumps
11		1		"	"							& ventilators strictly attended to
12		1						"	"	"	"	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N30E	37.	35	13.	26.47	S. 26.46	14	24.29	24.30	24.30	12°	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Pollok	From Sunset To Sunrise
8 · 10	Hunter	
10 · 12	Thomson	
12 · 2	McLeod	
2 - 4	Holmberg	
4 - 6	McCrae	

C Richmond Mate. Alex. J. S. Banks Master.

LOG of the 'Euterpe' From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
											5 m	Sunday March 21st 1897
1	NNE	2		SE	1		~	30	81	78	17	This day begins with very
2		2										light SE winds clear & very
3		2				All		"	"	"	"	fine, sea smooth, cumulus
4		2										moving very slowly from SE
5	"	2		"								
6		2			"	Sail		"	"	"	"	
7		2										Sunday Respected.
8	"	2		"		Set						
9		2						"	"	"	"	
10		2			"							
11	"	2						"	"	"	"	
12	NE×N	2		SE				30	81	78	17	
1		2			2							
2		3										
3	"	3		"		All		"	"	"	"	Continuation of above through
4		3						"	"	"	"	out the remainder of this day
5		3			"	Sail						
6	"	3		"				"	"	"	"	
7		3										
8	"	3			"	Set		"	"	"	"	All lights lookouts pumps
9		3		"								& ventilators strictly attended to
10		3			"			"	"	"	"	
11	"	3	½	"								
12		3	½					"	"	"	"	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
4 E	60.	57	14	25.50	S. 25.51	15	24.16	W. 24.15	24.15	12°	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Hunter	From Sunset To Sunrise
8 · 10	Pollok	
10 · 12	McLeod	
12 · 2	Thomson	
2 · 4	McCrae	
4 — 6	Holmberg.	

C Richmond Mate. Alex. J. S. Banks Master.

LOG of the "Euterpe"

From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Courses.	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Monday, March 22nd 1897.
1	N.E.	3	½	E.N.E.	3		—	30	62	50	15°	This day begins with moderate light E.N.E. winds clear thin sea smooth,
2		3	½			Gg						
3		3	½									
4	"	3	½	"	"							
5		3	½			Sail						People employed cleaning ship.
6		3	½									
7	"	3	½	"	"							Carpenter & sailmaker at their respective trade.
8		3	½			Sail						
9		3	½									
10	"	3	½	"								
11		3	½									
12	N.N.E.	3	½	E.N.E.	3			29	62	50	12°	Mod. thin, coming away squally light between ayne heavy rain showers, Sea quiet
1		4										
2	"	4				Gg						
3		4		"								
4		4			"							
5	"	4				Sail						
6		4		"								
7		4			"							All light lookouts pumps & Ventilators strictly attended to.
8	"	4				Sail						
9		4		"								
10												
11	"	4			"							
12		4	½	"								

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N 4° W	91	90.	S.	24.20	24.21	6	24.22	24.21	24.21	17°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McCrae
Sidgreaves
Thomson
Benson
Hunter
Pollock

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex. S. Barclay Master.

LOG of the "Euterpe"

From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Courses.	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Tuesday, March 23d 1897
1	N.N.E.	2		E.N.E.	1		—	29	64	50	16°	This day begins with light E.N.E. winds, clear thin sea smooth,
2		2										
3		2				Gg						
4	"	2										
5		1	½	"	"							People employed cleaning ship.
6		1	½									Carpenter & sailmaker at their trades.
7		1	½			Sail						
8	"	1	½									
9		1	½									
10		1	½	"	"							
11		1	½									
12	"	1	½					29	64	50	16°	Light variable airs & calms no indication of wind about anywhere,
1		1		Variable								
2	"	1			Off							
3		1		Variable								
4		1				Gg						
5	"	1			"							
6		1				Sail						All light lookouts pumps & Ventilators strictly attended to.
7		1		Calm								
8						Sail						
9		Calm										
10												
11					4							
12												

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N	24	24	—	23.54	23.51	—	24.22	24.22	24.22	16°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Sidgreaves
McCrae
Benson
Thomson
Pollock
Hunter

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex. S. Barclay Master.

LOG of the "Eutepi" From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Wednesday March 24 1897
1	N×W	1		NE	01		—	30/	84	80	1°	This day begins with light
2		1										NE airs, clear & very fine
3		1										sea quiet
4	"	1						.	.	.	.	
5		1		4	4							
6		1						.	.	.	.	People employed cleaning
7	"	1										ship.
8		1		4				.	.	.	.	Carpenter & Sailmaker at their
9		1			4							respective trades
10		1						.	.	.	.	
11	"	1										
12	N×W	1		NE	1			30/	84	80	1°	
1		2										
2		2						.	.	.	.	continued light NE winds
3		2		4								throughout the remainder of
4	"	2			4			.	.	.	.	this day, frequent showers
5		1	12									no wind
6		1	12	4				.	.	.	.	
7	"	1	12		4							
8		1	12					.	.	.	.	All light lookouts pumps
9		2		4								& Ventilators strictly attended to
10	"	2						.	.	.	.	
11		2		4	4							
12		2						.	.	.	.	Tacked ship to the East

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				° ′	° ′		° ′	° ′	° ′		
N28W	34	30	16	23°24	23°24	17	24°39	24°40	24°40	16′ W	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McCrae
Seymour
Thomson
Benson
Hunter
Pollock

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate.

Alex. J. Barclay Master.

LOG of the "Eutepi" From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Thursday March 25th 1897
1	E×N	2		Northerly	2		—	30/	88	80	1°	This day begins with continued
2		2										light Northerly winds, with frequent
3		2						.	.	.	.	showers, sea smooth,
4	"	2	12									
5		2	12	4	1			.	.	.	.	People employed cleaning ship
6		2	12									Carpenter & Sailmaker at their
7		2	12					.	.	.	.	respective trades.
8	"	2	12									
9		2	12	4				.	.	.	.	
10		2	12		1							
11		2	12					.	.	.	.	
12	E×N	2	12	Northerly	2			30/	80	80	1°	continued light Northerly
1		3										winds, showery no indication
2		3						.	.	.	.	of a favorable change
3	"	3		4	1							
4		3						.	.	.	.	
5		3										
6	"	3		4				.	.	.	.	All light lookouts pumps
7		3			1							& Ventilators strictly attended to
8		3						.	.	.	.	
9	"	3		4								
10		3			1			.	.	.	.	
11	"	3										
12		3						.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				° ′	° ′		° ′	° ′	° ′		
N8E	64′	28	5	23°56	23°57	63	23°37	23°35	23°38	15° W	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Seymour
McCrae
Hunter
Thomson
McLeod
Benson

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate.

Alex. J. Barclay Master.

LOG of the "Europa" From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air	Temperature Water.	Variation.	REMARKS, &c.
												Friday March 26th 1897.
1	E×N ½N	3		Northerly	2.		~	30¼	56	52	16	This day begins with light
2		3										Northerly breze clear & fine
3		3										Sea smooth no indication
4	"	3										of any bad wind.
5		3										
6		3		"	1							People employed cleaning
7	"	3										ship
8		3										Carpenter & sailmaker at
9		3	½									their respective trades.
10		3	½	"								
11		3	½	"								
12	E×N	3	½	Northerly	3			30¼	56	52	16	
1		4										Pleasant Northerly breze
2		4										with very fine weather
3	"	4		"	1							French Barque on light
4		4										homeward bound to far off
5		4										to dest my mid Signals
6	"	4										
7		4		"	"							
8		4										All lights cockouts pumps
9		4										& Ventilators strictly attended to
10	"	4		"	"							
11		4										
12		4										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				S.			Mer.			E.	
N 62 E	86.	40	76.	22°17'	22°14'	82	22°18'	22°16'	22°16'	16°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McCrae
Sedgrave
Thomson
Hunter
Benson
Pollock.

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex. J. Brooks Master.

LOG of the "Europa" From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Courses.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Saturday March 27th 1897.
1	E	3		NNE	2		~	30¼	56	50	17	This day begins with light
2	"	3										NNE wind unsteady weather
3	E×N	3										clear very fine, sea smooth.
4	"	3			1							
5	E×N	3		1								People employed cleaning ship
6	"	3										Carpenter & sailmaker at their
7	E×N	3			1							respective trade
8		3										
9	1	3										
10	"	3		1								
11	"	3			1							
12	"	3		NNE	3			30¼	56	50	17	
1	E×S	4										Continued light & moderate
2	ESE	4										breezes clear & fine
3	NW×N	4		N	1							backed ship to the N.W.
4		4										
5	"	4									18°	Carpenter & ~~sailmaker~~ at his ordinary
6	"	4		1	1							aloft & on deck.
7		4										Decks washed down & all hands
8	"	4										P.S. thoroughly cleaned,
9		4		1								
10	"	4			1							All lights cockouts pumps &
11		4		1								Ventilators strictly attended to
12	"	4										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
		N.				E.				E.	
S 6° E	39.	39.	4	21°38'	21°39'	5'	22°10'	22°11'	22°11'	18°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Sedgrave
Thomson
Benson
Thompson
McLeod
Collyer

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex. J. Brooks Master.

LOG of the "Euterpe" From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run: Knots	Fathoms	WINDS—see Formula: Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Variation	REMARKS, &c. Sunday March 28th 1894.
1	N W	3	½	N N E	3		—	30/	86	81	22	This day begins with light
2		3	½									to moderate NNE winds clear
3		3	½					.	.	.	.	& very fine, sea quiet, no sign
4	″	3	½		″							of a favorable wind as yet
5		3	½	″				.	.	.	.	vessel braced sharp up on Stbd
6		3	½									tack.
7	″	3	½					.	.	.	.	
8		3	½									Sunday Respected
9		3	½	″				.	.	.	.	
10	″	3	½		″							
11		3	½					.	.	.	.	
12	[illegible]	3	½	N x E	4			30/	86	81	22	
1		4										Continued pleasant breeze
2		4						.	.	.	.	from N.E. clear & very fine
3	″	4										weather one full rigged ship
4		4		″	″			.	.	.	.	in sight, too far off to signal
5		4										
6	″	4						.	.	.	.	
7		4										All lights lookout pumps
8		4						.	.	.	.	& Ventilators strictly attended to
9	″	4		″	″							
10		4										
11	″	4						.	.	.	.	
12		4						.	.	.	.	12 Tacked Ship to the Eastd.

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N¼W	87.	29.	84	21.07	21.08	90	23.16	23.18	23.18	22 E	

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Pollok	From Sunset To Sunrise
8 " 10	Hunter	
10 " 12	Collyer	
12 " 2	McLeod	
2 " 4	Holmberg	
4 — 6	Bidwell	

D Richmond Mate. Alexr S. Banks Master.

LOG of the "Euterpe" From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run: Knots	Fathoms	WINDS—see Formula: Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Variation	REMARKS, &c. Monday March 29th 1894.
1	E x N	4		Northerly	3		—	30/	87	84	20	This day begins with light Northerly
2		4										winds clear & fine, sea smooth
3		4						.	.	.	.	sky presenting a very calm like
4	″	4		″	″							appearance
5		4						.	.	.	.	
6		4										People employed repairing aloft
7		4						.	.	.	.	preparatory for tarring & rattling
8	″	4		″	″							down
9		4										
10		4						.	.	.	.	Carpenter & Sailmaker at their
11		4										respective trade.
12	E x N	4		Northerly	3			30/	87	84	20	
1		4										
2		4						.	.	.	.	continued light northerly
3	″	4		″	″							winds throughout the remainder
4		4						.	.	.	.	of this day. clear & very fine
5		4										
6		4		″								Signalled ship Ben Voirlich 60 days out
7	″	4			″			.	.	.	.	from Chili towards Hamburg.
8		4										All lights lookout pumps &
9		3		″								Ventilators strictly attended to
10	″	3			″							
11		3						.	.	.	.	
12		3		″				.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
[illegible]E	92	44.	79.	20.30	20.24	84.	21.51	21.50	21.50	20 E	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Hunter	From Sunset To Sunrise
8 " 10	Pollok	
10 " 12	McLeod	
12 " 2	Collyer	
2 " 4	Bidwell	
4 — 5	Thomson	

D Richmond. Mate. Alexr S. Banks Master.

LOG of the "Eutrope"
From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run: Knots	Distance Run: Fathoms	WINDS—see Formula: Direction.	WINDS—see Formula: Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Tuesday March 30th 1897
1	ENE½N	3	½	Northerly	2		—	30/	84	84	20	This day begins with light
2		3	½									Northerly winds clear every
3		3	½					-	.	.	.	fine, Sea smooth,
4		3	½									
5		3		"								People employed repairing
6		3			"							aloft.
7		3						-	.	.	.	
8	"	3		"								Carpenter & Sailmaker at their
9		3						-	.	.	.	respective trade.
10		3			"							
11	"	3		"				.	.	.	.	
12	ENE	3		Northerly				30/	84	83	20	
1		2			2							
2		2	½					-	.	.	.	Continued light Northerly
3	"	2	½									winds throughout the
4		2	½	"	"			-	.	.	.	remainder of this day.
5		2	½									
6	"	3		"				-	.	.	.	
7		3										
8		3			"			-	.	.	.	All lights lookouts pumps
9	"	3		"								& Ventilators strictly attended to
10		3						-	.	.	.	
11		3			"							
12		3						-	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				S.				Uncorrected			
N 49 E	410	46	53	19 36	19 34	16	20 55	20 56	20 56	20°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Pollok
Hunter
Collyer
McLeod
Thomson
Bidwell

LANTERNS HUNG OUT

From Sunset To Sunrise

J Richmond Mate. Alex. J. Barker Master.

LOG of the "Eutrope"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run: Knots	Distance Run: Fathoms	WINDS—see Formula: Direction.	WINDS—see Formula: Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Wednesday March 31st 1897
1	NE.	2		NNW	1		—	30/	86	83	20	This day begins with light
2		2										airs & Calms baffling in
3	NNE	2		West.				-	.	.	.	direction
4		2			1							
5		1						-	.	.	.	People employed repairing aloft
6	NNW	1		SW	0							Carpenter & Sailmaker at
7		1						.	.	.	.	their respective trade.
8		1										
9	"	1		"	"			.	.	.	.	
10		1										
11		1						.	.	.	.	
12	NNE	1		S.	0			30/	86	83	20	Light airs & Calms from
1		1										the S. & SE. Sea smooth
2		1						-	.	.	.	no motion in the Vessel
3		1			"							
4		1						-	.	.	.	Two vessels in sight hull
5		1										down.
6		1		SE	"			-	.	.	.	
7		1										
8		1						-	.	.	.	All lights lookouts pumps
9		1										& Ventilators strictly attended to
10		1			"			-	.	.	.	
11		1										
12		1						-	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				S.						Uncorrected	
SE	28	25	14	19 11	19 13	15	20 41	20 42	20 42	20°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Hunter
Pollok
McLeod
Collyer
Bidwell
Holmberg.

LANTERNS HUNG OUT

From Sunset To Sunrise

J Richmond Mate. Alex. J. Barker Master.

LOG of the "Euterpi"
From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Thursday April 1st 1897.
1	N×E	2		E×N	1		—	30/85	52		19	This day begins with light
2		2										airs from the East. gradually
3		3										freshening into a breeze, clear
4	"	3		"	2							fine cumulus from the East.
5		4										Sea smooth.
6		4			3							
7	"	4		"								People employed rattling down
8		4										& repairing aloft
9		5										
10	"	5		"	4							Carpenter & Sailmaker at their
11		5										respective trades
12	N×E	5		E×N	5			30/84	52		19	
1		5										
2		5										fine steady breeze from the
3	"	5		"	"							E×N clear & fine, dry pleasant
4		6										& more healthy aspect than
5		6										having from the East" Sea
6	"	6		"	"							Smooth.
7		6										
8		6										
9		6										All light lookouts pumps
10	"	6		"	"							Ventilators strictly attended to
11		6										
12		6		"								

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation	Distance Run per Patent Log.
								W.	W.	Easterly	
N 4° W	115.	114—	14	17.16	17.14	16.	20 55.	21 50	21 06	19°	

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Beynon
Holdenberg
McCulloch
Collyer
Kinston
Sedgrave

LANTERNS HUNG OUT

From Sunset To Sunrise

J Richmond Mate. Alexr S. Barclay Master.

LOG of the "Euterpi"
From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Friday April 2nd 1897.
1	N×E×E	6		E×E	5		—	30/84	52		18	This day begins with fresh steady
2		6										breeze from E×E clear & fine
3		6										sea moderate, frequent showers
4	"	6										
5		6		"	1							People employed rattling down &
6		6										repairing aloft
7	"	6		"	"							
8		6										Carpenter & Sailmaker at their
9		6										respective trades
10	"	6		"								
11		6										
12	N×E×E	6		E×E	"			30/84	52		15	
1		6										
2		6										continued fresh trade wind
3		6										equally with showers at
4	"	6		"	"							intervals
5		6										
6		6										Reynalled Baryne Prince Regent 17
7	"	7		"	"	6						days from Otago to London also
8		7										Baryne Rylvale. particulars not
9		7										obtained
10	"	7		"	"							All light lookouts pumps &
11		7										Ventilators strictly attended to
12		7		"								

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation	Distance Run per Patent Log.
				S.		Long. Dep.			Left Long		
S	150.	150	—	14.46	14.47	20 55.	21. 4	21.04	—	18"	

ON THE LOOK-OUT

From	To
Sunset 6	8 Sunrise
8	10
10	12
12	2
2	4
4	6

NAME.

Thomson
Benson
Hunter
McLeod
Holmberg
Bedwell

LANTERNS HUNG OUT

From Sunset To Sunrise

J Richmond Mate. Alexr S. Barclay Master.

LOG of the *Euterpe* From *Wellington* Towards *London*

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Wind Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c. Saturday April 3rd 1897.
1	North	4		SE	6		—	30/.	86	82	17	This day begins with fresh
2		4										steady trade wind clear & fine
3		4				All		.	.	.	.	frequent showers, sea quiet
4	〃	4			〃							
5		4		〃				.	.	.	.	People employed rattling down
6		4				Sails						& otherwise repairing aloft.
7	〃	4			〃			.	.	.	.	
8		4		〃		Set						Carpenter & Sailmaker at
9		4						.	.	.	.	their respective trades
10		4										
11	〃	4			〃			.	.	.	.	Decks washed down & all Bunks
12	North	4		ESE	5			30/.	86	82	17	fo'castle &c. thoroughly cleansed
1		6										
2		6						.	.	.	.	continued trade wind
3	〃	6				All						lessening slightly in force
4		6		〃	〃			.	.	.	.	frequent showers, sea
5	〃	6										quiet.
6		6				Sails		.	.	.	.	
7		6		〃	〃							
8	〃	6				Set		.	.	.	.	All lights lookouts pumps
9		6										& Ventilators strictly attended
10		6			〃							to.
11	〃	6		〃				.	—	.	.	
12		6						.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation.~~ Error	Distance Run per Patent Log.
N4°W	155.	148.	46	12.18	12.14	47	21.32	21.17	21.17.	17°	—

ON THE LOOK-OUT	NAME.
From 6 To 8	Benson
8 · 10	Pollok
10 · 12	Whitelaw
12 · 2	Collyer
2 · 4	Bidwell
4 – 6	McLeod.

LANTERNS HUNG OUT From Sunset To Sunrise

O. Richmond. Mate. Alexr. S. Banks Master.

LOG of the *Euterpe* From *Wellington* Towards *London.*

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Wind Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c. Sunday April 4th 1897.
1	N×W½W	6		ESE	5		—	30/.	86	82	17	This day begins with fresh steady
2		6										trade wind clear & fine, cumulo
3		6				All		.	.	.	.	clouds from the ESE sea moderate
4		6										
5	〃	6		〃				.	.	.	.	
6		6			〃	Sails						Sunday Respected
7		6						.	.	.	.	
8	〃	6				Set						
9		6		〃				.	.	.	.	
10		6										
11	〃	6			〃			.	.	.	.	
12	N×W½W	6		ESE	5			30/.	86	82	17	
1		6										Continued steady trade wind
2		6				All		.	.	.	.	clear & fine, clouds from ESE
3	〃	6										frequent showers, sea moderate
4		6		〃	〃	Sails		.	.	.	.	
5		6										
6	〃	6						.	.	.	.	
7		6		〃		Set						All lights lookouts pumps &
8		6						.	.	.	.	Ventilators strictly attended to
9	〃	6			〃							
10		6						.	.	.	.	
11		6		〃								
12		6						.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error	Distance Run per Patent Log.
N4W	143.	119	79.	10.17	10.18	80	23°14	23°15	23°15	14°	—

ON THE LOOK-OUT	NAME.
From 6 To 8	Pollok
8 · 10	Benson
10 · 12	Hunter
12 · 2	McLeod
2 · 4	Holmberg
4 – 6	Bidwell

LANTERNS HUNG OUT From Sunset To Sunrise

O. Richmond Mate. Alexr. S. Banks Master.

LOG of the "Euterpe" From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c. Monday April 5th 1897
1	N×W	7		SE	4		—	30.	84	84	17	This day begins with strong
2		8										steady trade wind clear & fine
3		8				G.S.		.	.	.	.	sea moderate, cumulus clouds
4		8		"		"						from the SE.
5	"	8				"						
6		7				S.S.		.	.	.	.	People employed blacking down
7		7			"	"						chainwork & footropes also painting
8	"	7		"		S.E.		.	.	.	.	backstays & fore & aft stays
9		7						.	.	.	.	
10		7										
11	"	7		"	"			.	.	.	.	
12	N×W	7		SE	6			30.	84	84	17	
1		7										Continued as above throughout
2		7						.	.	.	.	the remainder of this day
3	"	7		"	"	G.S.						
4		7						.	.	.	.	Carpenter & Sailmaker at
5		6				S.S.						their respective trade.
6	"	6		"	"			.	.	.	.	
7		6				S.E.						
8	"	6						.	.	.	.	All lights lookout pumps
9		7		"	"							& ventilators strictly attended to
10		7						.	.	.	.	
11	"	7										
12		7		"				.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer. (West)	Longitude Observed.	~~Variation.~~ Em	Distance Run per Patent Log.
N 25° W	168.	152.	70	7.44.	7.40.	71	24.21	24.26	24.26	17°	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Benson	From Sunset To Sunrise
8 · 10	Pollok	
10 · 12	Whitlam	
12 · 2	Hunter	
2 · 4	Collyer	
4 · 6	Thomson	

T. Richmond Mate. Alexr. S. Baxter Master.

LOG of the "Euterpe" From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c. Tuesday April 6th 1897
1	N×E½E	6		SE	5		—	30.	86	83.	17	This day begins with fresh
2		6										steady trade wind, clear & fine
3	"	6				G.S.		.	.	.	.	cumulus from the ESE.
4		6				"						
5		6		"		"		.	.	.	.	People employed painting masts.
6	"	6			"	S.S.						jibboom &c.
7		6				"		.	.	.	.	
8		6				S.E.						Carpenter & Sail maker at
9	"	6		"		"		.	.	.	.	their respective trade
10		6			"							
11		6						.	.	.	.	
12	N×E½E	6		SE	5			30.	86	83	17	
1		6										
2		6				G.S.		.	.	.	.	Continued steady trade wind
3	"	6		"		"						throughout the remainder of
4		6			"	"		.	.	.	.	this day.
5		6				S.S.						
6		6		"		"		.	.	.	.	
7	"	6			"							
8		6				S.E.		.	.	.	.	All lights lookout pumps
9		6		"								& ventilators strictly attended to
10	"	6			"			.	.	.	.	
11		6		"								
12		6						.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account. (S)	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation.~~ Error	Distance Run per Patent Log.
33° W	143.	121.	76	5.45	5.46	77.	25.41	25.40	25.40	17°	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Pollok	From Sunset To Sunrise
8 · 10	Benson	
10 · 12	Hunter	
12 · 2	McLeod	
2 · 4	Stolzenberg	
4 · 6	Collyer	

T. Richmond Mate. Alexr. S. Baxter Master.

LOG of the "Euterpi"

From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation. Pts.	REMARKS, &c.
												Wednesday April 7th 1897
1	N×W½W	6	4	SE	5		—	30	56	52	6	This day begins with fine steady
2		6	4									trade wind clear & fine, sea
3		6	4									smooth.
4		6	4									
5	"	6		"	"							People employed variously fitting
6		6										painting mast & varnishing on
7		6										Poop.
8	"	6										
9		6		"								Carpenter & Sailmaker at their
10		6			"							respective trades
11		6										
12	N×W½W	6		SE	4			30	56	52	6	
1		5										Wind Increasing in force
2		5										Clear & fine, Sea quiet
3	"	5										
4		5		"	"							
5		5										
6	"	5										All light Lookouts pumps &
7		5										Ventilators strictly attended to.
8		5		"	"							
9		5										
10	"	5		"								
11		5		"								
12		5										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N 34° W	133	110'	74	3°55'	3°56'	71'	26°55'	26°57' Mean	26°57'	16° E	—

ON THE LOOK-OUT

From 6 To 8
8 " 10
10 " 12
12 " 2
2 " 4
4 " 6

NAME.

Collyer
Whitelaw
Fowler
Hunter
Jas McLeod

LANTERNS HUNG OUT

From Sunset To Sunrise

O Redmond Mate. Alex. S. Barclay Master.

LOG of the "Euterpi"

From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation. Pts.	REMARKS, &c.
												Thursday April 8th 1897
1	N×W½W	4		SE	3		—	30	57	53	6	This day begins with light
2		4	½									steady trade wind — clear & fine
3		4	½									sea smooth.
4		4	½									
5	"	4			4							People employed cleaning &
6		4		4								painting
7		4										
8	"	4										Carpenter & Sailmaker at their
9		4			1							respective trade.
10		4		1								
11	"	4										
12	N×W½W	4		SE	3			30	59	53	6	
1		4										Continued as above throughout
2		4										the remainder of this day.
3	"	4		"	"							
4		4										
5	"	4										
6		4		"	"							
7		4										All light lookouts pumps &
8	"	4										Ventilators strictly attended to.
9		4										
10	"	4		"	"							
11		4										
12		4										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N 34° W	98.	81.	54	2°31'	2°35'	1°4'	29°10'	29°49' Mean	29°49'	16° E	—

ON THE LOOK-OUT

From 6 To 8
8 " 10
10 " 12
12 " 2
2 " 4
4 " 6

NAME.

Whitelaw
Hunter
Collyer
Fowler
McLeod
Bedwell.

LANTERNS HUNG OUT

From Sunset To Sunrise

O Redmond Mate. Alex. S. Barclay Master.

LOG of the "Euterpi"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Friday April 9th 1897.
1	N×W	2		SE	1		—	30f	86	84	11	This day begins with light SE
2		2										airs, Hazy & very fine, Sea
3		2				Lg		.	.	.	.	smooth,
4		2				Lg						
5	1	2			1			.	.	.	.	People painting Bulwarks
6		2		1		Sail						Pumps &c also painting outside
7		2				Lg		.	.	.		
8	1	2										Carpenter & Sailmaker at
9		2				Sail		.	.	.		their respective trade.
10		2		1	1	Lg						
11		2						.	.	.		
12	N×W	2						30f	86	83	11	
1		2		V								
2		2			1	Sail		.	.	.	.	
3	1	2		Variable		Lg						wind falling nearly calm
4		2						.	.	.	.	& variable airs
5		2				Sail						
6		2				Lg		.	.	.	.	
7	1	1		NW		Sail						All light Lookouts pumps
8		1						.	.	.	.	& Ventilators strictly attended to.
9		1				Lg						
10	1	1			1			.	.	.	.	
11		1										
12		1						.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				° ′ S.	° ′ S.					from	
N 26 W	47	38.	18.	1.56	1.55	18	25.8	25.10	25.10	15"	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Callyer
Whitelaw
Symonds
Bidwell
Holmberg
McLeod

LANTERNS HUNG OUT

From Sunset To Sunrise

C Richmond Mate. Alex. S. Barclay Master.

LOG of the "Euterpi"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Saturday April 10th 1897.
1	N×W	2		SE	1		—	30f	85	83	15	This day begins with light
2		2				Lg						trade wind freshening a little
3		3						.	.	.	.	towards night, clear & fine
4		3				Lg						sea smooth
5	1	3		1	2			.	.	.	.	
6		3				Sail						People employed Aloft
7		4						.	.	.		forecast & Main & Mizn V. Sails
8		4				Lg						also painting bulwarks
9	1	4		1	3			.	.	.	.	also oiling the decks & Poop Deck
10		4										
11		4						.	.	.		
12	N×W	4		SE				30f	85	83	15	Continued trade wind
1		3			2							light throughout the remainder
2		3				Sail		.	.	.	.	of this day.
3	1	3		1		Lg						
4		3						.	.	.	.	
5		3			1	Sail						
6	1	3				Lg		.	.	.	.	All light lookouts pumps &
7		3		1		Sail						Ventilators strictly attended to
8		3						.	.	.	.	
9	1	3			1							
10		3		1				.	.	.	.	
11		3										
12		2			1			.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				° ′	° ′					from	
19°W	79.	64.	43.	0.39	0.41	43.	28.53	28.57	28.57	15"	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Whitelaw
Callyer
Bidwell
McLeod
Holmberg
Hunter

LANTERNS HUNG OUT

From Sunset To Sunrise

C Richmond Mate. Alex. S. Barclay Master.

LOG of the 'Euterpe' From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
												Sunday April 11th 1894.
1	NbW	2		Easterly	1		—	30/.	87	84	15	This day begins with light
2		2										to moderate Easterly winds
3		3			"	do		.	.	.	.	clear & fine sea smooth
4	"	3			2	do						
5		3				do		.	.	.	.	
6		3		"								Sunday Respected.
7		3				do		.	.	.	.	
8	"	3				do						
9		3		"	"	do		.	.	.	.	Sighted St Pauls Rock
10	"	3				do						bearing West. 13 miles
11		3						.	.	.	.	
12	N¼W	3		Easterly	3			30/.	87	84	15	
1		4										
2		4						.	.	.	.	Continued moderate Easterly
3	"	4				do						winds throughout the remainder
4		4		"	"	do		.	.	.	.	of this day
5	"	4										
6		4				do		.	.	.	.	Signalled Austrian Steamer out
7		4		"		do						ward bound & asked him to report
8		4				do		.	.	.	.	us,
9	"	4			"							
10		4						.	.	.	.	All lights lookouts pumps &
11	"	4		"								Ventilators strictly attended to
12		4						.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N8°W	83.	82	11.	1.00 N	1.00 N	11	29.4	29.5	29.5	15°	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Collyer	From Sunset To Sunrise
8 – 10	Whitelaw	
10 – 12	Bidwell	
12 – 2	Sneedie	
2 – 4	Jas	
4 – 6	McLeod	

O Richmond Mate. Alexr S. Banks Master.

LOG of the 'Euterpe' From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
												Monday April 12th 1894.
1	NbW	4		NE	3		—	20/.	86	85	15	This day begins with light
2		4										unsteady wind clear & fine
3		3						.	.	.	.	heat intense, sea smooth.
4	"	3			2	do						
5		2		"		do		.	.	.	.	
6		2				do						People variously employed
7		2			1	do		.	.	.	.	painting & other sundry jobs.
8		2										
9	"	1		"		do		.	.	.	.	Carpenter & Sailmaker at their
10		1			0.5	do						respective trades
11		1						.	.	.	.	
12	NbW	1		NE				30/.	86	83	15	
1		2										
2		2			1	do		.	.	.	.	Continued light unsteady
3	"	2				do						NE winds sky indication of
4		2		"	"			.	.	.	.	rain smell from the NE
5		3				do						& SE.
6	"	3			2	do		.	.	.	.	
7		3		"		do						
8		3						.	.	.	.	All lights lookouts pumps &
9	"	3										Ventilators strictly attended to
10		3			"			.	.	.	.	
11		3		"								
12	"	3						.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N48°W	58	39	43	1.40 N	1.47	43	29.47	29.48	29.48	15	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Whitelaw	From Sunset To Sunrise
8 · 10	Hunter	
10 · 12	Bidwell	
12 · 2	Sneedie	
2 · 4	McLeod	
4 – 6	McCrae	

O Richmond Mate. Alexr S. Banks Master.

LOG of the "Eutepi"

From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Tuesday April 10th 1894.
1	NW	3		NNE	2		2	30	86	83	15	This day begins with light
2		3										winds heavy dompore of
3		3										rain at intervals with no
4		3										wind, NE swell,
5	1	2										
6		2		4								People variously employed.
7		2										
8	1	2			1							Carpenter & Sailmaker at their
9		2										respective trades.
10		2		4	1							
11		2										
12	NWbN	8		NNE			3	30	86	82	15	
1		2			1							
2		2										rainy weather with very
3	1	2										light winds, confused
4		2		4	1							swell, Sky heavy forecast
5		2										
6		2										
7	1	2										
8		2		4	1							All light lookouts pumps
9		2										& Ventilators strictly attended to
10	1	2										
11		2		4								
12		2										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N 63° W	97	44.	46	2.04	/	46	30.33	No Obs.		15°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Bedwell
Sedgeman
Thomson
Jles
Hunter
Bollock

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex J. S. Barclay Master.

LOG of the "Eutepi"

From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Wednesday April 11th 1894
1	NW	2		NNE	1		—	29	86	82	15	This day begins with light NE
2		2										winds, heavy rains but no
3		2										wind with the rain Sea confused
4	1	2										swell from SE & NE.
5		2		4								
6		2			1							People variously employed
7	1	2										Carpenter & Sailmaker at their
8		2		1								respective duties
9		2										
10	1	2			1							
11		2										
12	NW	2		NNE	1			29	86	82	15	
1		2										
2		2		1								continued light NE winds
3	1	2			1							throughout the remainder of
4		2										this day.
5		2		4								
6	1	2										
7		2			1							
8		2		1								All light lookouts pumps
9	1	2										& Ventilators strictly attended to
10		2		4	1							
11	1	3			2							
12		0										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
0° W	50.	21	45.	2.29.	2.30	45.	31.16	31.14	31.15	15°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Sedgeman
Bedwell
Thomson
Thomson
Beever
Jles

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex J. S. Barclay Master.

LOG of the "Enterpi"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Thursday April 15th 1897.
1	NW×N	4		NE×N	3		—	30	54	61	13	This day begins with freshening
2		4										breeze from NE w. clear & fine passed
3		4										from the NE - NE swell, sea moderate
4	"	4		"	"							
5		4										People employed scraping after
6		4										deck rope & other sundry jobs.
7	"	5		"	4							
8		5										Carpenter & Sailmaker at their
9		5										trades.
10	"	5			"							
11		5										
12	NW×N	5		NE×N	5			29	54	50	13	
1		6										Fresh trade wind squally
2		6										at times, otherwise clear
3	"	6		"								& sea moderate,
4		6			"							
5		6										
6	"	6		"								All light lookout pumps &
7		6			"							Ventilators strictly attended
8	"	6										
9		6		"								
10		6										
11	"	6		"								
12		6										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
					N			W			
N 47° W	126.	86	91.	3°51'	3°56'	91	32°47'	32°49'	32°44'	13"	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Thornton
Thomson
Pollock
Ellis
McCrae
Helmsmen

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex J. Barclay Master.

LOG of the "Enterpi"
From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Friday April 16th 1897.
1	NW×N	6		NE×N	5		—	30	58	52	13	This day begins with fresh
2		6										NE trade wind, showery at
3		6										intervals otherwise clear & fine
4		6										
5	"	6		"	"							People variously employed
6		6										
7		6										Carpenter & Sailmaker at their
8	"	6		"								respective trades.
9		6										
10		6			"							
11		6										
12	NW×NW	6		NE×E	4			30	86	82	13	
1		5	2									wind somewhat less in
2		5	2									force otherwise steady trade
3	"	5		"								wind, clear & fine
4		5	5									
5		5			"							
6	"	5		"								
7		5										All light lookout pumps &
8	"	5		"	"							Ventilators strictly attended to.
9		5										
10	"	5										
11		5		"								
12	"	5										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
								Week			
43° W	133.	99'	90"	5°34'	5°55'	90	34°24'	34°21'	34°25'	13"	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Pollock
Bidwell
Ellis
Whitelaw
Lucas
Hunter

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex J. Barclay Master.

LOG of the Ruapehu
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Saturday April 17th 1897.
1	NNW	5		NE	4		—	30	54	51	13	This day begins with moderate
2		5										trade wind steady clear &
3		5				GG		.	.	.	.	fine
4	"	5										
5		5		"	4			.	.	.	.	People employed painting
6		5										ship
7		5				Lt						
8	"	5		"	4			.	.	.	.	Carpenter & Sail Maker at their
9		5										respective trades.
10		5				Sgk						
11	"	5						.	.	.	.	
12	NNW	5		NE	4			30	54	51	13	
1		5										
2		5										continued steady trade
3	"	5		"	4	GG						wind throughout the remainder
4		5						.	.	.	.	of this day
5		5										
6	"	5				Lt						Deck washed down & all
7		5	½									heels to capstan & thoroughly
8		5	½	"	4	Sgk		.	.	.	.	cleaned
9	"	5	½									
10		5	½									All lights lookouts pumps
11	"	5	½	"				.	.	.	.	& Ventilators strictly attended to
12		5	½									

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation	Distance Run per Patent Log.
					N						
NNW 13°W	173	40	85	7.02	7.01	85	3°36	35°39	35°39	13° E	— —

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Thomson
Thomson
Pollock
McLeod
McCrea
Hunter

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alexr S. Barclay Master.

LOG of the Ruapehu
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Sunday April 18th 1897
1	NNW	5		NE	4		—	30	52	49	12	This day begins with moderate
2		5										trade winds, clear & fine, sea
3		5				GG		.	.	.	.	Moderate.
4	"	5		"								
5		5						.	.	.	.	
6		5			4	Lt						Sunday Respected
7		5										
8	"	5		"		Sgk		.	.	.	.	
9		5	½									
10		5	½		4			.	.	.	.	
11	"	5	½	"								
12	NNW	5	½	NE	5			30	52	49	12	
1		6										Continued trade wind throughout
2		6				GG		.	.	.	.	the remainder of this
3		6		"	4							day
4	"	6						.	.	.	.	
5		6				Lt						
6		6						.	.	.	.	
7		6		"	4	Sgk						All lights lookouts pumps
8	"	6						.	.	.	.	& Ventilators strictly attended to
9		6										
10		6						.	.	.	.	
11	"	6		"	4							
12		6						.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation	Distance Run per Patent Log.
NW	134	110	76	8.54	8.55	76	37°08	37°14	37°04	12° E	— —

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Mc Lubery
Hunter
Mc Culloch
Mc Crea
Mc Crea

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alexr S. Barclay Master.

LOG of the *Enterprise*

From *Wellington* Towards *London*

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Monday April 19th 1897
1	NNW½W	6		NE	5		—	29.84	84	79.	12	This day begins with moderate
2		6										trade wind clear & fine, sea
3		6										moderately smooth.
4	"	6		"	4							
5		6										People employed painting boats
6		6										Mids &c
7	"	6		"								
8		6										Carpenter & Sailmaker at their
9		6										respective trades.
10	"	6		"								
11		6										
12	NNW½W	5		NE				29.81	79.	12		
1		5			4							Continued as above all
2	"	5										through the remainder of this
3		5		"								day.
4		5			"							
5		5										
6	"	5										All light lookouts pumps
7		5		"								& Ventilators strictly attended
8	"	5			4							
9		5										
10		5										
11	"	5		"	"							
12		5										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account. N.	Latitude Observed.	Difference of Longitude.	Longitude by Account. W.	Longitude by Chronometer. W.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N 40° W	131	101	84	10°36'	10°36'	84	38°32'	38°32'	38°32'	12° E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Hunter
Humbert
McCulloch
Hazlewell
Thomson

LANTERNS HUNG OUT

From *Sunset* To *Sunrise*

O Richmond Mate. *Alex. S. Barclay* Master.

LOG of the *Enterprise*

From *Wellington* Towards *London*

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Tuesday April 20th 1897
1	NNW	5		NE	4		—	30.	82	78	12	This day begins with moderate
2		5										trade wind, cloudy & overcast
3		5										sea moderate
4		5										
5	"	5										People employed painting after
6		5		4	4							boats also set of sail boats &
7		5										varnishing do forrard
8	4	5										
9		5										Carpenter & Sailmaker at
10		5		4	4							their respective trade.
11	"	5										
12	NNW	5		NE	5			29.82	78	12		
1		6										
2		6										Continued steady trade wind
3	"	6		"	4							throughout the remainder
4		6										of this day
5		6										
6		6										
7	"	6		"	4							
8		6										All light lookouts pumps &
9		6										Ventilators strictly attended to.
10		6		4	4							
11	"	6										
12		6										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account. N	Latitude Observed.	Difference of Longitude.	Longitude by Account. W	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N W	132	99	88.	12°16'	12°16'	88	40°01'	39°58'	39°58'	12° E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Whitelaw
Mc Crone
Greedie
Hunter
Mc Leod.

LANTERNS HUNG OUT

From *Sunset* To *Sunrise*

O Richmond Mate. *Alex. S. Barclay* Master.

LOG of the "Eutepi"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
											Error	Wednesday April 21st 1897
1	NNW	5	4	NE	Hs		—	30/84	80	11		This day begins with moderate steady NE trade wind, cloudy overcast, Northerly Swell Sea moderate.
2		5	4									
3		5	½									
4		5	2									
5	"	5		"	"							
6		5										People employed painting Ship.
7		5										
8		5			H							
9	"	5										Carpenter & Sailmaker at their respective duties
10		5		"								
11		5			"							
12	NNW½W	5		NE	H			30/84	80	11		
1		5										
2	"	5										Continued as above stated throughout the remainder of the day
3		5		"	"							
4		5										
5		5										
6	"	5										
7		5										
8	"	5		"								All light lookouts pumps & Ventilators strictly attended to
9		5										
10		5										
11	"	5		"								
12		5										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
					N.					Error	
N 30° W	133	106.	61	14.00	14.07	61.	41.02	41.02	41.09	11°	

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Jles
Pollock
Thomson
McCrae
Thomson
Cokelelan

LANTERNS HUNG OUT

From Sunset To Sunrise

D. Richmond. Mate.

Alex. S. Barclay Master.

LOG of the "Eutepi"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Thursday April 22 1897
1	NxW	5		NE	H		2	30/84	80	11		This day begins with moderate trade wind, clear & fine, Sea rising slightly
2		5										
3		5										
4	4	5										
5		5		4	4							People employed painting Ship
6		5										
7		5			5							
8	"	6										Carpenter & Sailmaker at their respective trade.
9		6		4								
10		6										
11	"	6			"							
12	NxW	6		NE	5			30/83	79	11		
1		6										
2		6										Continued trade wind fresh & puffy, clear & cloudy altogether head Sea,
3	"	6										
4		6		4	4							
5		6										
6	"	6										
7		6		4								
8		6			4							All light lookouts pumps & Ventilators strictly attended to
9		6										
10	"	6										
11		6		4	"							
12	"	6										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
								West		Error	
3° W	134.	126.	42'	16.06	16.07	14.	41.53	41.17	41.39	11°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

W. Cullough
Jles
Hunter
Sidgreave
Thomson
Thomson

LANTERNS HUNG OUT

From Sunset To Sunrise

D. Richmond Mate.

Alex. S. Barclay Master.

LOG of the "Euterpe" From Wellington Towards London

CHIEF OFFICER'S LOG.

Friday April 23rd 1897

Hrs.	Course	Knots	Fathoms	Direction	Force	Barometer	Temp. Air	Temp. Water	Deviation
1	N ½ W	6		ENE	5	30/	82	78	8
2		6							
3		6							
4		6							
5		6							
6		6							
7		6							
8		6							
9		6							6
10		6							
11		6	½						
12	N × W	6	½	ENE	6	30/	81	77	5
1		4							
2		4							
3		4							
4		4			4				
5		4							
6		4							
7		4							
8		4			4				
9		4							
10		4							
11		4			4				
12		4							

REMARKS, &c.

This day begins with fresh trade wind, veering more easterly, clear & fine in appearance, nasty head sea, causing vessel to dive heavily at times.

People employed painting ship. Carpenter & Sailmaker at their respective trades.

Continued fresh trade wind, gusty at intervals, sky clear, weather fine, head sea.

All light lookouts pumps & ventilators strictly attended to.

BEARING & DISTANCE AT NOON.

Course	Distance	Difference Latitude	Departure	Latitude by Account	Latitude Observed	Difference of Longitude	Longitude by Account	Longitude by Chronometer	Longitude Observed	~~Variation~~ Error	Distance Run per Patent Log
N ½ W	154	152	34	18.38	18.35 N	34	42.32	42.29 West	42.27	5	—

On the Look-out	Name
From 6 To 8	Jones
8 – 10	Pollock
10 – 12	Thomson
12 – 2	McRae
2 – 4	Thomson
4 – 6	McLeod

Lanterns hung out From Sunset To Sunrise

C Richmond Mate. Alex. S. Banks Master.

LOG of the "Euterpe" From Wellington Towards London

CHIEF OFFICER'S LOG.

Saturday April 24th 1897

Hrs.	Course	Knots	Direction	Force	Barometer	Temp. Air	Temp. Water	Deviation
1	N × W ½ W	4	NE	6	30/	80	74	6
2		4						
3		4						
4		4						
5		4						
6		4						
7		4						
8		4						
9		4						
10		4						
11		4						
12	N × W ½ W	4	NE	6	30/	79	74	4
1		4						
2		4						
3		4						
4		4						
5		4						
6		4						
7		4						
8		4						
9		6						
10		6		5				
11		6						
12		6						

REMARKS, &c.

This day begins with strong steady trade wind, clear & fine, moderate sea.

People employed painting & other sundry jobs.

Carpenter & Sailmaker at their respective trades.

Continued steady trade wind, clear & fine, sea moderate.

Decks washed down & all berths forecastle &c thoroughly cleaned.

All light lookouts pumps & ventilators strictly attended to.

BEARING & DISTANCE AT NOON.

Course	Distance	Difference Latitude	Departure	Latitude by Account	Latitude Observed	Difference of Longitude	Longitude by Account	Longitude by Chronometer	Longitude Observed	~~Variation~~ Error	Distance Run per Patent Log
N ½ W	164	150	68	21.8	21.06	43.39	68	43.41	43.41	4	

On the Look-out	Name
From 6 To 8	Pollock
8 – 10	Jones
10 – 12	Hughes
12 – 2	McLeod
2 – 4	Whelan
4 – 6	McRae

Lanterns hung out From Sunset To Sunrise

C Richmond Mate. Alex. S. Banks Master.

LOG of the Enterpe
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
1	N ½ W.	6	½	E by E	5		—	29/80	49	49	2°	Sunday april 25th 1897
2		6	½									This day begins with fresh
3		6										steady trade wind clear
4		6										& fine Continued head course
5	"	6		4								
6		6			4							
7		6										Sunday Respected
8		6										
9	"	6		4								
10		6			4							
11		6										
12	N 4 W	6		E by E	5			29/	49	49	2°	
1		6										
2		6		"								Continued as above
3		6										throughout the remainder
4	"	6		"								of this day
5		6										
6		6										
7		6		4								
8	"	6										All lights lookout pumps
9		6										& Ventilators strictly Attended to
10		6		"								
11	"	6										
12		6										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
		N					West				
N 11° W	145.	142.	24	29.31	29.29	29.	44.06	44.0	44.4	4°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

J Gollock
McLeod
Hughes
McGee
Thomson

LANTERNS HUNG OUT

From Sunset To Sunrise

E Rochmond Mate. Alex. D. Bauld Master.

LOG of the Enterpi
From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
1	N ½ E	6		East	5		—	29/	48	43	2°	Monday April 26th 1897
2		6										This day begins with fresh
3		6										steady trade wind clear &
4	"	6										fine, sea moderate
5		6			4							
6		6		4								People employed painting
7		6										ship
8	"	6			4							
9		6		4								Carpenter & Sailmaker at their
10		6										respective trades
11	"	6										
12	N ½ E	6		E by N	5			29/	48	43	2°	
1		6										
2		6										continued trade wind
3	"	6		"								falling slightly & fine
4		6										clear & fine
5		6		4								
6		5										
7	"	5		4								
8		5		"								All lights lookout pumps &
9		5										Ventilators strictly attended to
10	"	5		"								
11		5		"								
12		5										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
		N						West			
4° N	13½.	13½	10	25.48	25.42	10.	44.13	44.15	44.15	4°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Pollock
J G
Hunter
McLeod
Thomson
McGee

LANTERNS HUNG OUT

From Sunset To Sunrise

E Rochmond Mate. Alex. D. Bauld Master.

LOG of the "Euterpe" From Wellington Towards London.

CHIEF OFFICER'S LOG.

Tuesday April 27th 1896.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
1	N×E	5	½	Easterly	5		"	30.	78	72	4	This day begins with moderate
2		5	½									Easterly winds clear & fine
3		5	½			All		.	.	.	.	sea smooth.
4	"	5	½									
5		5	½					.	.	.	.	People employed painting
6		5	½	"	"	Sail						outside, Black & White.
7	"	5						.	.	.	.	
8		5										Carpenter & Sailmaker at
9		5			4	Ditto		.	.	.	.	their respective trade.
10	"	5		"								
11		5						.	.	.	.	
12	NNE	5		Easterly	4			30.	77	71.	4	
1		5										
2		5						.	.	.	.	continued fine steady
3		5		"		All						breeze, cloudy & fine
4	"	5						.	.	.	.	
5		5			"	Sail						
6		5						.	.	.	.	
7		5										All light lookout pumps
8	"	5		"		Ditto		.	.	.	.	& Ventilators strictly attended to
9		5										
10		5		"	"			.	.	.	.	
11	"	5						.	.	.	.	
12		5										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				N	S	"	diff		W East		
N 4° E	123.	122	14.	27.10	27.57	27.57	14.	43.19	43.21	43.21	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	McRae.	From Sunset To Sunrise
8 " 10	Holmberg	
10 " 12	McCulloch	
12 " 2	Thomson	
2 " 4	Benson	
4 " 6	Sedgreave	

T. Richmond Mate. Alexr. S. Banks Master.

LOG of the 'Euterpe' From Wellington Towards London

CHIEF OFFICER'S LOG.

Wednesday April 28th 1894.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
1	N×½E	5		Easterly	4		"	30.	73	69.	10	This day begins with moderate
2		5										Easterly wind clear & fine, sea
3		5				All		.	.	.	.	moderately smooth
4	"	5										
5		5		"		Sail		.	.	.	.	People employed bending best
6		5			"							suit.
7	"	5						.	.	.	.	
8		5				Ditto						Carpenter & Sailmaker at their
9		5		"				.	.	.	.	respective trades.
10		5										
11	"	5			"			.	.	.	.	
12	N×E½E	5		Easterly	5			30.	74	69.	11	
1		6										continued Easterly winds fresh
2	"	6				All		.	.	.	.	to moderate clear & fine
3		6			"							
4		5		"								
5		5				Sail		.	.	.	.	
6	"	5			4							
7		5		"		Ditto		.	.	.	.	All light lookouts pumps & Ventilators strictly attended to.
8		5										
9	"	5			"			.	.	.	.	
10		5		"								
11		5			"			.	.	.	.	
12	"	5		"				.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation.~~ Error	Distance Run per Patent Log.
6° E	123.	122	14 E.	29.52	29.50	14 E	43.44	43.46	43.46	11	— —

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Pollock	From Sunset To Sunrise
8 " 10	McCrae	
10 " 12	Thompson	
12 " 2	McLeod	
2 " 4	Holmberg	
4 " 6	Benson	

T. Richmond Mate. Alexr. S. Banks Master.

LOG of the "Euterpe"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Thursday April 29th 1897
1	N×E	1		Eastly	4		—	30	7/6	4/0	11	This day begins with moderate
2		✓										Eastly wind clear of ice
3	"	✓						.	.	.	.	sea moderate
4		✓						.				
5		✓		"				.	.	.	.	People employed painting ship
6		✓						.	.	.	.	& oiling deck.
7	"	✓			"							
8		✓		"				.	.	.	.	Carpenter & Sailmaker at their
9		✓										respective trades.
10	"	✓						.	.	.	.	
11		✓		"	"							
12	N×E	✓		Eastly	4			30	7/6	4/0	11	
1		✓										Continued as above
2		✓						.	.	.	.	throughout the remainder
3	"	✓		"	"							of this day.
4		✓						.	.	.	.	
5		✓										
6		✓										
7	"	✓		"	"			.	.	.	.	
8		✓										All lights lookout pumps
9		✓										& Ventilators strictly attended to.
10	"	✓		"	"			.	.	.	.	
11		✓	1/2									
12		✓	1/2					.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
								Mean			
N 4° W	121.	120 N	9 E	41° 57'	41° 50'	4' E	43° 53'	43° 57'	43° 54'	11° E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

McCrae
Bollard
Whitelaw
Thomson
Benton
Goudie

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex. S. Banks Master.

LOG of the "Euterpe"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Friday April 30th 1897.
1	N×E	✓		Eastly	4		—	30	1/4	68	18	This day begins with moderate
2		✓										Eastly wind clear of ice
3	"	✓						.	.	.	.	sea moderate.
4		✓		"	"							
5		✓						.	.	.	.	Crew painting Black & White
6	"	✓										outside.
7		✓		"	"							
8		✓		"				.	.	.	.	Carpenter & Sailmaker at their
9	"	✓										respective trade.
10		✓						.	.	.	.	
11		✓		"	"							
12	N×E	✓		Eastly	4			30	1/4	68	18	
1		✓										Continued Eastly wind
2	"	✓						.	.	.	.	falling light towards the
3		✓		"	"							end of this day.
4		✓						.	.	.	.	
5		✓			3							
6	"	4		"	"			.	.	.	.	
7		4										
8		4						.	.	.	.	All lights lookouts pumps
9	"	4		"	"							& Ventilators strictly attended to
10		4						.	.	.	.	
11	"	4		"	"							
12		4						.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
								Mean			
W by S	113.	106	34	33° 38' N	33° 40' N	46.	43° 7'	43° 4'	43° 4'	18° E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	5

NAME.

Bollard
McCrae
Thomson
McLeod
Hollaway
Hunter

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex. S. Banks Master.

LOG of the "Eutelpe"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air	Temperature Water.	Deviation.	REMARKS, &c.
												Saturday May 1st 1894.
1	NE. E	4		Ell	3		—	30/ 1/3	68	20		This day begins with light breze from Ell, clear of fine sea smooth.
2		4										
3	"	4						. . .	.			
4		4		"	"							
5		4						. . .	.			People finished painting outside.
6	"	4										
7		4			"			. . .	.			
8		4		"								Carpenter & Sailmaker at their respective trade.
9	"	3						. . .	.			
10		3			"							
11	"	3						. . .	.			
12	NE. E½E	3		SE	2			29/ 1/3	68	20		
1		3										Continued light winds throughout the remainder of this day.
2		3										
3	"	3		"	"			. . .	.			
4		3										
5	"	3										
6		3		"								
7	"	3			"			. . .	.			All lights lookout pumps & Ventilators strictly attended to
8		3										
9	"	3		"								
10		3										
11	"	3			"			. . .	.			
12		3		"								

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				N	N			West		from	
N 34° E	80.	64.	48.	34.42	34.40	9.	42° 04	42° 04	42° 04	20°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	5

NAME.

McCrae
Pollock
McLeod
Thomson
Hunter
Thomson

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex. S. Barclay Master.

LOG of the "Eutelpe"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air	Temperature Water.	Deviation.	REMARKS, &c.
												Sunday May 2nd 1894.
1	E × N ½ N	3		SE	2		—	30/ 1/3	64	21		This day begins with continued light unsteady winds clear & fine, sea moderate, swell from the Southward.
2		3										
3	"	3						. . .	.			
4		3										
5		3		"	"			. . .	.			
6	"	3										
7		3						. . .	.			Sunday Reckoned.
8		3		"								
9	"	4						. . .	.			
10		4			3							
11		4		"								
12	E × N	4		SSE				30/ 1/3	64	21		Continued light & moderate winds unsteady in force & direction, Sky becoming clouded towards night.
1		4			"							
2		4						. . .	.			
3	"	4										
4		4		"				. . .	.			
5		4										
6	"	4			"							
7		4		"				. . .	.			All lights lookouts pumps & Ventilators strictly attended to.
8	"	4										
9		4						. . .	.			
10		4		"	"							
11	"	4						. . .	.			
12		4		"								

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
				N	N		W.	W.	W.	from	
S E.	88.	57.	72.	35 33	35.30	88.	41° 46	41° 35	41° 35	21°	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	5

NAME.

Pollock
McCrae
Thomson
McLeod
Thomson
Hunter.

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex. S. Barclay Master.

LOG of the "Eutepe"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Monday May 3d 1897.
1	ENE	6		Southly	5		—	29.68	64°	21"		This day begins with fine steady Southly wind clear.
2		6										
3	"	6										Cloudy alternately occasional showers.
4		6										
5		6		"								
6		6		"								People variously Employed
7	"	6			6							Painting Decks &c
8		6										
9		6		"								Carpenter & Sailmaker at their
10	"	6										respective trades.
11		6		"								
12	ENE	6		Southly	6			29.67	64.0	21"		
1		6										
2		6										Continued strong steady
3	"	6										wind, Sea moderate,
4		6		"								showery.
5		6										
6		6										
7	"	6		"								
8		6										All lights lookout pumps
9		6										& Ventilators strictly attended to.
10	"	6		"								
11		6										
12		6										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N 45 E	163.	115'	115'	39°38'	39°24'	146'	38°14'	38°16'	38°16'	21" W	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Thomson
Thomson
Pollock
Denton
Hunter
McLeod

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond Mate. Alex. S. Barker Master.

LOG of the "Eutepe"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Tuesday May 4th 1897
1	ENE	4		Southly	6		—	30.69	65°	22"		This day begins with strong
2		4										southerly winds cloudy & overcast
3		4										squally, sea moderate,
4	"	4										
5		4		"								
6		4										People employed variously
7	"	4										
8		4		"								Carpenter & Sailmaker at their
9		4										respective duties
10	"	4										
11		4										
12	ENE	4		Southly	4			29.75	68	22		
1		8										Strong wind with frequent
2		8										sharp squalls, showery
3	"	8		"								sea moderate, steering up
4		8										towards town
5		8										
6		8		"								
7	"	8										
8		8										All lights lookout pumps
9		8										& Ventilators strictly attended to.
10		8										
11	"	8										
12		8										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
NNE	181	130'	124'	39°38'	39°35'	163.	35°31'	35°34'	35°34'	22" W	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Thomson
Thomson
Denton
Pollock
McLeod
Hunter

LANTERNS HUNG OUT

From Sunset To Sunrise

D Richmond. Mate. Alex. S. Barker Master.

LOG of the "Euterpe" From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Wind Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
												Wednesday May 5th 18 94
1	NE×E	6		SE	5		–	30/20	64	62	22	This day begins with fresh
2		6										breeze from SE clear & fine
3		6				All		.	.	.	.	sea moderate SW swell
4		6										
5	"	6		"	"			.	.	.	.	People employed painting
6		6										f'castle H. rails & other sundry
7		6				Sail		.	.	.	.	jobs.
8		6										
9	"	6						.	.	.	.	Carpenter & Sailmaker at their
10		6		"	"	Set						respective duties
11		6						.	.	.	.	
12	N×E	6		SE	5			30/20	64	62	22	
1		6										Continued fresh wind
2		6						.	.	.	.	clear & fine, wind gradually
3		6			"	All						lessening in force
4	"	6		"				.	.	.	.	
5		6										
6		6				Sail		.	.	.	.	
7		5			4							All lights lookout pumps
8	"	5		"		Set		.	.	.	.	& Ventilators strictly attended to
9		5										
10		5			"							
11	"	5						.	.	.	.	
12		5		"	"			.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation~~ Error	Distance Run per Patent Log.
				S				West			
134 E	138	114	79.	41.32	41.30	102	33.49	33.51	33.51	22"	—

ON THE LOOK-OUT	NAME.
From 6 To 8	Thomson
8 · 10	McCulloch
10 · 12	Sidgreave
12 · 2	Benson
2 · 4	Hunter
4 – 5	Thomson

LANTERNS HUNG OUT From Sunset To Sunrise

J Richmond Mate. Alexr S. Banks Master.

LOG of the "Euterpe" From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Wind Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
												Thursday May 6th 18 94
1	N.E	4		SE	3		–	30/40	69	65	22	This day begins with light S.E.
2		4										winds clear & very fine sky
3		3			"	All		.	.	.	.	presenting a very calm like
4	"	3			2							appearance, barometer going
5		3		"		Sail		"	.	.	.	up very high. cirrus clouds
6		3										with little or no motion
7		3				Set		.	.	.	.	
8	"	3			.			30/40				People employed painting
9		2		"				.	.	.	.	& varnishing & oiling deck.
10		2			1							
11		2						.	.	.	.	
12	N.E	2		SE				"	40	66	22	
1		2										Wind very light N.W swell
2		2			"	All		.	.	.	.	rolling up no appearance
3	"	2		"				"				of wind anywhere
4		2						.	.	.	.	
5		2			"	Sail		30/40				Carpenter & Sailmaker at their
6		2						.	.	.	.	respective trade.
7	"	2		"		Set						
8		2			.			"	.	.	.	
9		2										All lights lookout pumps
10	"	2		"								& Ventilators strictly attended to
11		2			"			30/40				
12		2						.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation~~ Error	Distance Run per Patent Log.
					N			West			
139° E	58	49	31	42.21	42.19	41	33.04	33.10	33.10	22"	—

ON THE LOOK-OUT	NAME.
From 6 To 8	McLeod
8 · 10	Thomson
10 · 12	Benson
12 · 2	Holmberg
2 – 4	McCulloch
4 – 5	Hunter

LANTERNS HUNG OUT From Sunset To Sunrise

J Richmond Mate. Alexr S. Banks Master.

LOG of the "Euterpe" From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Variation	REMARKS, &c. Friday May 7th 1894.
1	E x E	2		Southerly	1		–	30/10	70	65	22	This day begins with very
2		2										light Southerly winds clear very
3		2				All						fine, sea smooth,
4	"	2										
5		2			"							People employed painting
6		2		"		Set						lead color outside, & other
7	"	2										sundries
8		2										
9		2		"		Set						Carpenter & Sailmaker at their
10		2			"							respective duties
11	"	2										
12	E x N ½ N	2		Southerly				30/10	68	63	22	
1		1			1.5							
2		1										light air, clear & very
3		1		"		All						fine sea smooth,
4	"	1										
5		1			"	Set						
6		1										
7	"	1		"								All lights lookouts pumps
8		1				Set						& Ventilators strictly attended to
9		1										
10		1			"							
11	"	1		"								
12		2										
		2										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer. (West)	Longitude Observed.	Variation. (East)	Distance Run per Patent Log.
N 49 E	38.	25	29.	42.46	42.47	40	39.06	39.37	39.37	22	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Thomson	From Sunset To Sunrise
" " 10	McCulloch	
10 " 12	Sidgreave	
12 " 2	Benson	
2 " 4	Hunter	
4 — 6	Smedie	

C Richmond Mate. Alex S. Baxter Master.

LOG of the "Euterpe" From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Variation	REMARKS, &c. Saturday May 8th 1894
1	N ½ E	3		ESE	2		–	30/15	71	64	22	This day begins with breeze
2		3										comming away from ESE very
3		3				All						clear & fine indications of
4	"	3			"							continued Easterly wind, sea smooth
5		4										yards sharp up on Starb^d Tack
6	"	4		"	3	Set						
7		4										People variously employed
8		4			"	Set						around the deck.
9		4										Carpenter oiling down & all
10	"	4		"								machinery.
11		4		ESE								
12	N ½ E	4		ESE				30/15	71	64	22	
1		4			"							continued moderate to light
2		4				All						ESE breeze clear & fine
3	"	4										barometer very high.
4		4		"								
5		4										Decks washed down & all berths
6		4			"	Set						forecastle &c. thoroughly cleaned
7	"	4										
8		4		"		Set						
9		4										All lights lookouts pumps &
10	"	4			"							Ventilators strictly attended to
11		4		"								
12	"	4										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer. (West)	Longitude Observed.	Variation. (East)	Distance Run per Patent Log.
N 34 E	99.	76	12.	44.02	44.04	72.	31.55	31.11	31.11	22	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	McCulloch	From Sunset To Sunrise
8 " 10	Thomson	
10 " 12	Benson	
12 " 2	Sidgreave	
2 " 4	Thomson	
4 " 6	Hunter	

C Richmond Mate. Alex S. Baxter Master.

LOG of the "Euterpi" From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Sunday May 9th 1897.
1	NbE	4		ESE	3		—	30/10	68	62	22 E	This day begins with light & moderate breeze from the ESE, clear & cloudy Hard dyings look (the clouds) indicating of Easterly wind
2		4										
3		4										
4	"	4			4							
5		4										
6												
7					4							Sunday Respected
8	"											
9												
10												
11												
12	NbE			ESE				30/10	64	62	22	moderate breeze from the
1					4							ESE, cloudy & fine, clear
2												sea moderate
3	"			"								several homeward bound
4					4							vessels in company too far
5												distant to signal
6	"											
7												
8				4	4							All lights lookouts pumps
9	"											& Ventilators strictly attended to
10												
11	"			"	"							
12												

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N38E	115	94	65	45-36 N	41-34 N	98	29-25 W	29-37 W	29-39 W	22 W	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Thomson
McCulloch
Sidgreaves
Benson
Hyatt
Thomson.

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex. S. Barker Master.

LOG of the "Euterpi" From Wellington Towards London.

CHIEF OFFICER'S LOG.

Hrs.	Course.	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Variation.	REMARKS, &c.
												Monday May 10th 1897.
1	NE	5		ESE	4		—	30/10	66	62	22 E	This day begin with moderate
2		5										ESE winds cloudy & fine, sea
3		5										smooth.
4		5										
5	"	5										People employed bending best
6		5										main suit also best head sails
7		5										& pumps cleaned & painted all
8		5	½		4 5/8							oil & paint drums
9	"	5	½									
10		5	½									
11		5	½									
12	NE	5	½	ESE				30/10	68	62	23 E	moderate to fresh breeze
1		5	½									cloudy & overcast heavy dew
2	"	5	½	"	4							falling sea smooth,
3		5	½									
4		5			4							Carpenter & Sailmaker at their
5	"	5		"								respective trades
6		5										
7		5										
8		5		"	4							All lights lookouts pumps &
9	"	5										Ventilators strictly attended to
10		5										
11		5		"	"							
12	"	5										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
30E	131.	114	67	47-36 N	47-33 N	60 W	No Alt 28-35 W	No Alt		23 W	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	5

NAME.

Holmberg
Benson
Iles
McCulloch
Sidgreaves
Bidwell

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex. S. Barker Master.

LOG of the "Euterpe" From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
												Tuesday May 11th 1894.
1	NE x E½E	4		SE	3		--	30/15	66	60	22	This day begins with lessening
2		4										breeze from the SE gradually
3		4										falling light, sky cloudy &
4	〃	4			〃							overcast.
5		3										
6		3		〃				〃				People scraping down.
7		3			2							Carpenter & Sailmaker at their
8	〃	3										respective trades.
9		3										
10		3		〃				〃				
11	〃	3			〃							
12	ENE	3		SE				30/14	66	60	22	Wind falling very light
1		3										sky clouded & overcast.
2		3			〃							Swell rolling up from the Sw.
3	〃	3		〃								
4		3						〃				Signalled Ship Commonwealth
5		2			1							of London 115 days out from
6	〃	2										Antofogasta, Chile, wished to
7		2		〃								be supplied with provisions,
8		2			〃			〃				hove to, & supplied him with 12
9	〃	2										bags biscuit & 2 bags flour
10		2		〃								
11		2			〃			〃				All lights lookouts pumps &
12	〃	2										Ventilators strictly attended to

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error	Distance Run per Patent Log.
N 41° E	68.	51'	45	48.24	—	61	27.34	—	—	25°	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Benson	From Sunset To Sunrise
8 · 10	Sneddie	
10 · 12	McLeod	
12 · 2	Hunter	
2 · 4	Collyer	
4 · 5	Thomson	

O Richmond Mate. Alexr S. Banks Master.

LOG of the "Euterpe" From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c.
												Wednesday May 12th 1894
1	ESE	2		Southerly	1.		--	30/16	62	58	33	This day begins with light Southerly
2		2										airs, cloudy & fine, sea smooth,
3		2										several vessels in sight too
4	〃	2		〃								far distant to signal.
5		2			1							
6		2						〃				People employed bending cable
7	〃	3										on Anchor & various other
8		3		〃	2							sundries
9		3										
10	〃	4		〃	〃			〃				
11		4										
12	ESE	4		Southerly	3			30/17	63	59	33	Breeze gradually gaining
1		4										strength, clear & fine, sea
2		4		〃								smooth,
3	〃	4			〃							
4		4						〃				Carpenter & Sailmaker at their
5		4		〃								respective duties
6	〃	4			〃							
7		4		〃								hoisted number to a passing
8		5			4			〃				homeward bound steamer, name
9	〃	5										unknown, & asked to be reported
10		5		〃								
11		5			〃			〃				All lights lookouts pumps &
12	〃	5		〃	〃							Ventilators strictly attended to

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error	Distance Run per Patent Log.
78° E	86.	18'	84.	48.40	48.49	128	25.19	25.26	25.26	33	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Sneddie	From Sunset To Sunrise
8 · 10	Benson	
10 · 12	Hunter	
12 · 2	McLeod	
2 · 4	Thomson	
4 · 5	McCrae	

O Richmond Mate. Alexr S. Banks Master.

LOG of the "Euterpe" From Wellington Towards London

CHIEF OFFICER'S LOG.

Thursday May 13th 1894

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation
1	SE½E	6		SSW	5		→	30/25	62	59	43
2		7									
3		7			6			.	.	.	.
4		8				[illegible]					
5	"	8			7			.	.	.	.
6		8		"							
7		8				[illegible]		.	.	.	.
8		8									
9		8			"			.	.	.	.
10	"	8									
11		8		"							
12	SE½E	8		SSW	8			30/20	62	59	43
1		9									
2		9				[illegible]		.	.	.	.
3		9									
4	"	9			"			.	.	.	.
5		9		"							
6		9				[illegible]		.	.	.	.
7		9									
8	"	9			"			.	.	.	.
9		9		"		All Sail					
10		8			7			.	.	.	.
11	"	8									
12		8.		"	"			.	.	.	.

REMARKS, &c.

This day begins with freshening breeze from the SSW cloudy & fine sea moderate.

People employed painting cleaning Brasswork & other sundry jobs around the deck.

Carpenter & Sailmaker at their respective trade.

Strong breeze cloudy & fine gusty at intervals sea moderate.

Signalled Ship "Oakworth" of Liverpool 124 days out from Coquimbo towards the River Thames.

All lights lookouts pumps & Ventilators strictly attended to.

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	~~Difference Latitude~~ Dep Long	~~Departure~~ Lat	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation~~ Error	Distance Run per Patent Log.
N88E	194.	194.	6	48°48'	No Sun	300.	20°26'	20°24'	20°24'	45"	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Benson	From Sunset To Sunrise
8 " 10	Sidgreave	
10 " 12	Thomson	
10 " 2	Hunter	
0 " 4	[illegible]	
4 " 5	Pollock	

C Richmond Mate. Alexr. S. Banks Master.

LOG of the "Euterpe" From Wellington Towards London

CHIEF OFFICER'S LOG.

Friday May 14th 1894

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation
1	SE½E	8		SSW	7		→	30/20	62	59	54
2		8									
3		8				[illegible]		.	.	.	.
4	"	8			"						
5		9		"				.	.	.	.
6		9			8	[illegible]					
7	"	9						.	.	.	.
8		9		"		[illegible]					
9		9						.	.	.	.
10	"	9			"						
11		9						.	.	.	.
12	SE½E	9		SSW	8			30/20	61	57	54
1		9									
2		9				[illegible]		.	.	.	.
3		9			"						
4	"	9		"				.	.	.	.
5		8			7	[illegible]					
6		8						.	.	.	.
7	"	8				[illegible]					
8		7		"	"			.	.	.	.
9		7			6						
10		7						.	.	.	.
11	"	7		"	"						
12		7						.	.	.	.

REMARKS, &c.

This day begins with strong SSW wind cloudy & fine, sea moderate, becoming gusty at time

People variously employed at sundry jobs around the deck.

Carpenter & Sailmaker at their respective trades.

Continued strong wind, gusty at times, cloudy & overcast, clearing overhead towards noon.

Several ships in sight.

All lights lookouts pumps & Ventilators strictly attended to.

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	~~Variation~~ Error	Distance Run per Patent Log.
76°E	199.	14.	199.	48°34'	48°14'	297.	15°30'	15°29'	15°29'	54"	—

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 6 To 8	Holmberg	From Sunset To Sunrise
8 " 10	Benson	
10 " 12	Collier	
12 " 2	McCulloch	
2 " 4	Sidgreave	
4 " 5	Hunter	

C Richmond Mate. Alexr. S. Banks Master.

LOG of the *'Euterpi*
From *Wellington* Towards *London*

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Saturday May 15th 1897.
1	E×S	6		Southerly	5		—	30/20	61	57	24	This day begins with fresh breezes from the Southward & Eastward in force, sky cloudy & overcast
2		6				Cl						
3		6		"		Cl		.	.	.	.	
4						Cl		.	.	.	.	
5					4	Sail Set		.	.	.	.	People employed getting up cable & putting Anchor over the bow,
6						Sail Set						
7						Sail Set		.	.	.	.	
8						Sail Set						
9						Sail Set		.	.	.	.	Carpenter & Sailmaker at their respective trade.
10						Sail Set						
11						Sail Set		.	.	.	.	
12	E×S			Southerly	4			30/20	61	57	24	
1												
2						Cl		.	.	.	.	Moderate breeze, sky clearing sea moderate,
3						Cl						
4						Sail Set		.	.	.	.	
5						Sail Set						
6						Sail Set		.	.	.	.	
7						Sail Set						
8						Sail Set		.	.	.	.	All hands lookouts pumps & Ventilators strictly attended to
9						Sail Set						
10						Sail Set		.	.	.	.	
11						Sail Set						
12						Sail Set		.	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
								Mark			
N 41° W	135.	95'	118.	49.20	48°53'	180	12°39'	12°30	12°30	24° E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Benson
Sidgreaves
Thomson
Hunter
Collin
Pollock

LANTERNS HUNG OUT

From Sunset To Sunrise

D Redmond Mate. Alex. J. Banks Master.

LOG of the *'Euterpi*
From *Wellington* Towards *London*

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Sunday May 16th 1897.
1	E×S	3	2	S×E	3		—	30/20	60	58	21	This day begins with light S×E winds gradually backing easterly, sky clear overhead but sky hazy around the horizon
2		3	4			Cl						
3	E×N	3	2	S×E		Cl		.	.	.	.	
4		3	2			Cl						
5	E×E	3	2	S	1	Sail Set		.	.	.	.	
6		3	2			Sail Set						
7	1	3	2			Sail Set		.	.	.	.	Sunday Respected
8		3	2	E		Sail Set						
9	1	3	2		1	Sail Set		.	.	.	.	
10		3	2			Sail Set						
11		3	2	E		Sail Set		.	.	.	.	
12	1	3	2			Sail Set		30/20	60	58	14	
1	NE. E	3		S×E	2							Contrary light winds from the S.E. hazy & fine,
2		3				Cl						
3	1	3		E		Cl		.	.	.	.	
4		3				Cl						Hoisted number to a large four masted Steamer white funnel with black top name unknown & asked him to report us, Steamer steering S×W.
5	NE	3		S.E		Cl						
6		3				Cl		.	.	.	.	
7	1	3				Cl						
8	S½W	3		E		Cl		.	.	.	24	
9		3										Jacked Ship to the Southward
10	1	3		E	1			.	.	.	.	
11		3										
12	"	3		E								All hands lookouts pumps & Ventilators strictly attended to.

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
								Mark			
19° E.	43.	38.	62'	49.31	49°37'	95.	10°55'	10°58'	10°58'	24° E	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Pollock
Benson
Ga
McLeod
Thomson
Hunter

LANTERNS HUNG OUT

From Sunset To Sunrise

D Redmond Mate. Alex. J. Banks Master.

LOG of the "Euterpe"

From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses.	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Monday May 17th 1897
1	N×E	4		East	4		—	29.60	59	57	4E	The day begins with
2		4										moderate Easterly wind
3	S"E	4		E×N		Q.G.					3	very unsteady in direction
4		4										& force, sky cloudy round the
5	"	5		"	1							horizon, clear overhead. Lookouts
6	SE×S	5		ENE		S.Y.						kept going night & day.
7		5										
8	"	4		"	4							People variously employed
9	SE	4		NE×E		S.K.						
10		4										Carpenter & Sailmaker Keeping
11	"	4		"	4							watch & working at their
12		4						29.19	57	56	5E	respective trades during the day
1	SE×E	4		NE	4							
2		4										
3	"	4		"		Q.G.						
4	SE	4		NE×E	1							continued weather & wind
5		4				S.Y.						as above stated throughout
6	SE×S	4		ENE							1S	the remainder of this day
7		4			"							
8	"	11		"		S.K.						
9	N×W	4										all lights lookouts pumps
10		4									5E	& Ventilators strictly attended to
11	"	4		"	4							
12	"	4		"								

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude. S	Departure. E	Latitude by Account.	Latitude Observed.	Difference or Longitude. E	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation. Error	Distance Run per Patent Log.
S55E	83.	47.	68.	48°44'	48°46'	103'	9°12'	9°14'	9°11'	22"	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

Jas Bell
McLeod
Hunter
McCree
Holmberg

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex. L. Barker Master.

LOG of the "Euterpe"

From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses.	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Thursday May 18 1897
1	N×NW	5	2	NE	4		—	29.70	58	56	1E	This day begins with moderate
2	"	5	2									& light breeze NE & Easterly with
3	"	5		"		Q.G.						clear & fine
4	"	5										& looked to the S & E.
5	SE	4		ENE	3						4E	
6		4				S.Y.						People variously employed
7	"	3		"	4							Carpenter & Sailmaker at their
8	"	3		"	2	S.K.						respective duties
9	SSE	3		NE	1						3	
10		4			3							
11	"	4		"								
12	"	5		"				29.19	58	56	5E	Continued light contrary
1	SE×E	2		NE×N	1							winds cloudy & fine at noon
2		3			2							
3	"	3		"		Q.G.						
4	"	3		"	1							Lookouts kept day & night
5	SE×S	3				S.K.						
6	"	2		"	1							
7	"	2										all lights lookouts pumps
8	"	3		"	2							& Ventilators strictly attended to
9	SSE	4		East	3	S.K.					4E	
10		4										
11	"	4		"	4		2°					
12	"	4		"								

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account. N	Latitude Observed.	Difference or Longitude.	Longitude by Account. W	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
49E	46.	9.	45.	48°33'	—	68	8°4'	10°08'		22"	—

ON THE LOOK-OUT

From	To
6	8
8	10
10	12
12	2
2	4
4	6

NAME.

W McLeod
Hunter
Benson
Holmberg
McCulloch
Jas

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond Mate. Alex. L. Barker Master.

LOG of the "Eutelpe"

From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Wednesday May 19th 1897.
1	S & E	4		Easterly	3		-	29/95	58	56	2°	This day begins with most heavy
2		4										coming away dense fog
3	"	4										& wind falling to a calm, fog
4		4		"	1							Horn kept going at intervals of
5		3										not more than two minute & not
6	"	3		"	2							less than one, Lookouts kept
7		2		"	"							going day & night.
8		2			1							S.B. took a cast of the lead
9												& found no bottom
10					4							
11	Calm				0							
12				Variable				29/95	58	56		Calm. dense fog. Horn
1												kept going as above stated
2												also lookouts.
3												
4												
5	Calm											
6												
7												
8				Easterly	0.5						2°	All lights lookouts pumps
9	S.S.E.	1										& Ventilators strictly attended to
10		1										
11		1			1							
12		1										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S 44 E	30	21.	22.	48°14' N	/	32	4°32	Noon. /		23° W	-

ON THE LOOK-OUT

From	Night	To	Day / Night
	6	8	6-8
	8	10	8-10
	10	12	10-12
	12	2	12-2
	2	4	2-4
	4	6	4-6
			6-8

NAME.

Night	Day
Hunter	Pollock
Holmberg	Rice
McCulloch	McCrae
Rice	McLeod
McCleal	Holmberg
Thomson	Cameron
	McCulloch

LANTERNS HUNG OUT

From Sunset To Sunrise

E. J. Richmond Mate. Alex. S. Barnes Master.

LOG of the

From Towards

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Thursday May 20th 18
1	S.S.E. & S.E.	1		NE	N.E.		-	29/95	56	53	1°	This day begins with light
2		2										NE. airs & calms, dense fog,
3	S.S.E.	2			1							fog horn kept going at intervals
4	"	1			0.5							of two minutes. Heavy moisture
5	"	1		NE								in the air.
6	"	1			1							
7	"	1										People variously employed
8	"	1										Tradesmen at their trades.
9				NE	1							
10	Calm				0							
11												Calm
12				NE	1			29/92	56	53	1°	Light airs coming away from
1	N.N.W.	1		NE	0.5							NE. continued fog, fog horn
2	"	1										kept going as above stated
3	"	1										lookouts kept all day.
4	"	2			1							
5	N.N.W.	2		"								
6	"	2										
7	"	2			1							All lights lookouts pumps &
8	"	2		"								Ventilators strictly attended to
9	"	2			½							
10	"	2										clearing at towards noon
11	"	2		"	"							Gentle breeze from NE
12		2.										

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
NE	20	20	0	48°32' N	48°00' N	0	7°32' W	8°00' W	8°0' W	23° W	-

ON THE LOOK-OUT

From	Night	To	Day / Night
	8	10	6-8
	10	12	8-10
	12	2	10-12
	2	4	12-2
	4	6	2-4
			4-6
			6-8

NAME.

McCulloch	Hunter
McLeod	McLeod
Thomson	Holmberg
Parrott	Rice
Rice	McCleal
	McCulloch
	Rice

LANTERNS HUNG OUT

From Sunset To Sunrise

Mate. Alex. S. Barnes Master.

LOG of the "Euterpe"
From Wellington *Towards* London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run: Knots	Fathoms	WINDS—see Formula: Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c. Friday May 21st 1894
1	N×E.	3		East	2		—	29/92	57	56	10°	This day begins with moderate
2		3										Easterly winds, clear & fine sea
3	"	3		"	"	All			.	.	.	moderate. Several vessels in
4	"	3.										sight some on Port tack &
5	North	4		ENE	3	Sails		"	.	.	.	some on Starboard tack, beating
6		5										
7	"	5		"					.	.	.	Crew variously employed
8	"	5			"	Set						Tradesmen at their trade
9	N½W	4		"				"				
10		4										
11	"	4			"							
12	"	4		"				29/89	59	56	10°	12 - Cast the Lead - no bottom at 100 f
1	N¾W	3	2	ENE	2							continued as above
2		3	½									
3	"	3				All			.	.	.	
4	"	3		"				"				4 a.m. tacked to the S&E.
5	S½E	4			3	Sails					5°	passed ship [illegible] on
6		4										the Starboard tack, [illegible] 116
7	"	4		"								days from Sydney towards Falmouth
8		4			"	Set						
9	"	4										All lights lookouts pumps &
10		4		"	"							Ventilators strictly attended to.
11	"	4										
12		4		"				29/86	.	.	.	P.J.

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
North	40.	40	—	48°40'	48°41'	—	8.00	7.49.	7.49	22°	97'

ON THE LOOK-OUT	NAME.	LANTERNS HUNG OUT
From 8 To 10 = 6-8	Thomson = Hunter 8-10	From Sunset To Sunrise
10 - 12 = 8-10	Pollock - McLeod 6-8.	
12 - 2 - 10-12	Abramson - Holmberg 6-8	
2 - 4 - 12-2	Hunter - Benson 10-12	
4 - 6 - 2-4	McLeod, - Thomson 2-4	
= 4-6	McCulloch 12-2	
= 6-8	McCrae 4-6	

D. Richmond. Mate. Alexr. S. Banks Master.

LOG of the "Euterpe"
From Wellington *Towards* London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run: Knots	Fathoms	WINDS—see Formula: Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c. Saturday May 22nd 1894.
1	SE×E	4	½	ENE	5		—	29/80	61	57	10°	This day begins with mod to fresh
2	"	4	½									breeze, smell from the East. Handed
3	"	4		"	"	Whole						royals, vessel braced sharp up on
4	"	4						"			"	Port tack.
5	SE×E½E	4										
6		4		"	"	sails		"			"	
7	"	4										
8	"	4.		"	"			29/78			"	8 Tacked ship to the Northward. Seen
9	N×W	4									5°	lightning in the S.E.
10	"	4			4							
11	NNW	3		"							"	Wind backing threatening looking
12	"	3					½ pt	29/76	60	56	10°	weather, tacked to the S.E.
1	SE½E	3		NE	"						4°	
2	"	3				All						
3	.	3	½					"				
4	"	3	½	"	"							Gradually increasing to a mod
5	SE×E	4			5	sails	½					Gale, handed Outer jib. Crossjack &
6		4		"				29/74				M12 [illegible] sea rising, sky dense
7	SE	4		ENE	"							hazy around the horizon.
8	"	4				Whole						Several steamers crossed the bow
9	SE×E	4			6	sails						outward bound.
10		4		"	7	to						
11	"	4				Royals		29/70				All lights lookouts pumps & Ventilators
12	"	4.		"	8							strictly attended to.

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference of Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S61°E	64.	37.	59.	48.14	48.9.	88.	6.22	— West — 6.21	6.21	21°	92

ON THE LOOK-OUT (night — Day)	NAME. (Night) — (Day)	LANTERNS HUNG OUT
From 8 To 10 - 6-8	Abramson - [illegible]	From Sunset To Sunrise
10 - 12 - 8-10	Hunter - McCulloch	
12 - 2 - 10-12	McLeod - Thomson	
2 - 4 - 12-2	Holmberg - McCrae	
4 - 6 - 2-4	Benson - Abramson	
4-6	- Pollock	
6-8	- Benson	

D. Richmond Mate. Alexr. S. Banks Master.

LOG of the *Euterpe* From *Wellington* Towards *London*

CHIEF OFFICER'S LOG.

Hrs.	Course	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c. Sunday May 23d 1894.
1	S½N E	3		NE	8		1	29/80	60	57	½	This day blowing moderate
2		3										Gale with high sea, vessel
3	"	3										diving & labouring clear.
4		3	½	"	"		"	"	.	.	.	
5	"	3	2		4	Topgallantsails						moderating rapidly set
6	"	4					2.9					topgallantsail, head sea
7		4		"	.			29/75	.	.	.	impeding the vessel progress
8	"	4			6							8 wore ship to the North'd.
9	N½E	4		NE	.		1.11		.	.	9	continued clear & fine
10		4						"				
11	"	4			5				.	.		
12		4		"								
1		4					1	29/66				breeze falling away to
2	"	4			"				.			a gentle breeze, head swell
3		4		"	4				.	.		still impeding the vessel, diving
4		4										heavily at times, several steamers
5	"	3						"	.	.		passed up, too far distant to signal
6		3		"	"			29/84				
7		3							.	.	.	Took a cast of the lead — no bottom
8	"	3			3							at 70 f.
9		3		"					.	.		All lights lookouts pumps &
10		3			"			"				Ventilators strictly attended to
11	"	3							.	.	.	
12		3		.								

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N 3° E	55	55	2	49.04	49.2	3	6.18	6.14	6.14	20°	74

ON THE LOOK-OUT	NAME.		LANTERNS HUNG OUT
From 8 To 10 — 6–8	Holmberg	Pollok	From Sunset To Sunrise
10·12 — 8·10	McCulloch	Abramson	
12·2 — 10·12	Jlo	Hunter	
2·4 — 12·2	McCrae	McLeod	
4–6 — 2·4	Thomson	Holmberg	
4–6		Benson	
6–8.		McCulloch	

C. J. Richmond Mate. Alexr. S. Backs Master.

LOG of the *Euterpe* From *Wellington* Towards *London*

CHIEF OFFICER'S LOG.

Hrs.	Courses	Knots	Fathoms	Direction	Force	Sail Set	Lee Way	Barometer	Temperature Air	Temperature Water	Deviation	REMARKS, &c. Monday May 24th 1894.
1	N½E	3		Easterly	2		—	29/87	61	58	7	This day begins with light Easterly
2		3										winds clear & very fine sea smooth
3	"	3		"	"				.	.	.	N.N. swell.
4	N×W	3		E×N	"							
5	N×W	3		NE					.	.	.	People variously employed
6	SE×E½E	3						"			6	Carpenter & Sailmaker at their
7	"	3			1							respective trades
8		3		"				"	.	.	.	backed to the S & E. wind light
9	"	4			3							to moderate, baffling
10	E S E	4							.	.	.	
11		4		"	"							
12	"	4						29/90	.	.	.	
1	E×½E	4		"	1				61	57	½	continued light baffling winds
2		4										continued clear & very fine
3	"	3			2				.	.	.	
4	.	3		"				"				
5	SE×E	3						29/85	.	.	.	Signalled S.S. "Dordogne" of Cardiff
6	"	3		ENE	"							& requested him to report us on
7	SE×E	3							.	.	.	his arrival
8		3										
9	"	3		"	"			"	.	.	.	
10	SSE	3		E								All lights lookouts pumps &
11		3			"				.	.	.	Ventilators strictly attended to.
12	"	3		"				"	.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N 16 E	35	9	34	49.13	49.14	50	1.25	5.30	5.30	20°	48

ON THE LOOK-OUT night — day	NAME. night	day	LANTERNS HUNG OUT
From 6 To 8 — 8·10	McCulloch	Benson	From Sunset To Sunrise
8·10 — 10·12	Jlo	McLeod	
10·12 — 12·2	McCrae	Hunter	
12·2 — 2·4	Thomson	McCrae	
2·4 — 4·6	Pollok	McCulloch	
4–6 — 6–8	Abramson	Jlo	

C. J. Richmond Mate. Alexr. S. Backs Master.

LOG of the "Euterpi"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Tuesday May 25th 1897.
1	NNE	3		Easterly	2		—	29/16	61	58.	5	This day begins with light
2	N×W	3		E×S		Cl						baffling winds clear fine
3	N	3		ESE	1	Cl			.	.	.	sea smooth, Westerly swell
4	"	3										
5	ENE	2		"	1	Sails			.	.	4	
6												wind gradually falling away
7	"	1									2	to a complete calm, several
8	E×N	0	5	S.	0	Sails						ships in sight
9											1	
10												People employed varnishing brightwork
11	Calm			Calm					.	.		oiling decks, also getting up sea
12					1			29/15				lines & towing springs &c.
1	E×N½N		½	Westerly	0				.	.	0	Light airs springing up from
2	"		½									the West & slowly gaining strength
3	"	1			.	Cl						
4	"	2		"	1	Sails			.	.	.	
5	"	3			.			4				Reynalled Barque "Marca" 13 days
6	"	3			2	Sails			.	.	.	from Bolivia towards Hull, reported
7	"	3		"								to us having spoken Ship "Rose" 136
8		3										days from N.Z. yesterday.
9		3		"	1			4				
10	"	3							.	.	.	All lights Lookout pumps &
11		3		"	1			29/16				Ventilators strictly attended to.
12	"	3			"				.	.	.	

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
N 54 E	44	38.	23.	49° 51.	49° 46	36.	4° 55.	4° 52 West	4° 52	21°	—

ON THE LOOK-OUT

From	To		
6	8	8-10	
8	10	10-12	
10	12	12-2	
12	2	2-4	
2	4	4-6	
4	6	6-8.	

NAME.

~~Hall~~	Dees.
Hofmberg.	Benson
Thomson	Iles
Pollock	McCulloch
Abraham	Thomson
Hunter	McCrae
McLeod	Hunter

LANTERNS HUNG OUT

From Sunset To Sunrise

O Richmond. Mate. Alex. L. Banks Master.

LOG of the Euterpi
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Course	Distance Run. Knots	Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Wednesday May 26th 1897
1	E×N½N	3		Westerly	3		—	29/16	61	54.	/	This day begins with light &
2		3										moderate Westerly winds, cloudy & clear
3	"	3				Cl						Sea smooth.
4	"	3				Cl			.	.	.	
5	"	4		1	1	Sails			1	.	.	People variously employed
6	"	4				Sails						Tradesmen testing water.
7	"	4						29/15	.	.	.	
8	"	4		1	4	Sails						Sighted Start Pt. Light bearing NE-8
9		4							.	.	.	14 miles & Eddystone Light bearing NNW½W
10	"	5										8 miles.
11	"	5			1				.	.	.	11-30 Start Abeam distant 4 miles
12	E½S	4		SW				29/16	60	56	/	moderate & fine C/a & S½E.
1		4										wind veering S.W.
2	"	4							.	.	.	showery sky overcast Start differs
3		4			4	Cl						bearing W×N½N Dist 60 mile
4		4		4	4	Cl						
5	"	4						1	.	.	.	
6		4				Sails						
7	"	5		1					.	.	.	
8		5			4	Sails		29/15				4-30 Portland Bill bearing NE-18 miles
9	"	4										wind moderate, showery
10		5		4								
11		5			4				1	.	.	All lights Lookout pumps &
12	"	4										Ventilators strictly attended to

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

Good Night

ON THE LOOK-OUT

From	To		
8	10	10-12	
10	12	12-2	
12	2	2-4	
2	4	4-6	
4	6	6-8.	
6	8		
8	10		

NAME. Light & Day

Thomson	McLeod
Pollock	Holmberg
Abraham	Iles
Hunter	McCrae
McLeod	McCulloch
Holmberg	
Hunter	

LANTERNS HUNG OUT

From Sunset To Sunrise

Mate. Alex. L. Banks. Master.

LOG of the "Eutarpe"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Thursday May 27th 1897.
1	E×S	3		Southerly	2		—	29/60	61	59	/	This day begins with moderate
2	"	3										breeze, showery, clear between showers
3		4			3							sea smooth.
4	"	4		"				"	.	.	.	St Catherine's bearing NE-4 miles
5		4										5. Reynalled at St Catherine bearing
6	"	4							.	.	.	NW. 5 miles
7		4		"	4							
8	"	4						"	.	.	.	8.40 Mid-Lightship abeam,
9	E×N½S	4										9.15. Owers " bearing S½W. 4'
10		4		"					.	.	.	wind moderate, showery.
11	"	4										
12	"	4		Southerly	3			29/55	.	.	.	
1		4							62	59	/	1 Owers abeam distant 4 mile
2	"	4										
3		4		"					.	.	.	Wind moderate — clear.
4	"	4										
5		4		"				"	.	.	.	5 Spoke Zealandia, came down
6	"	4		"								& asked us our ton. off Shoreham
7		6			4				.	.	.	
8		6										Beachy Hd bearing NE. 5 miles
9		6		"				"	.	.	.	9.40 Beachy Hd abeam dist. 4 mls
10		6			4							Signalled & asked him to report.
11		6		"				29/52	.	.	.	Royal Sovereign abeam 2 miles
12		6										All lights lookouts pumps & Ventilators

Strictly attended to.

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
Codestrong											

ON THE LOOK-OUT

From	To	
6	8	6-8
8	10	8-10
10	12	10-12
12	2	12-2
2	4	2-4
4	6	4-6
	6	6-8

NAME.

Hunter	Thompson
W Lord	Jle
Holyberry	Benson
Benson	Pollock
Ree	W Lord
W Cullock	Hunter

LANTERNS HUNG OUT

From Sunset To Sunrise

Richmond Mate. Alex J. Brooks Master.

LOG of the "Eutarpe"
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Friday May 28th 1897.
1	E×S			SE	4			29/10	62	60	/	Moderate breeze, clear fine. vessel
2												proceeding under tow.
3	"								.	.	.	Crew employed sending down royal
4												Yards & otherwise preparing ship for
5	"			"	4				.	.	.	dock. 5. Dungeness abeam. Pilot came
6												on board,
7									.	.	.	South Foreland Bearing NNE-10 Miles
8	"				5							
9									.	.	.	
10	"			"								showery & fresh breeze from SE.
11	"								.	.	.	
12					4			29/44	62	60	/	
1	E×S			SE								
2					6				.	.	.	1.20. fresh S.E. wind. Longue abeam
3												
4	"			"					.	.	.	3. Princes Channel Lightship abeam. B
5												N.W. 4. Skerries abeam
6					4				.	.	.	
7												Continued fresh wind, clear & fine
8	"			"					.	.	.	
9					4							Ms arrived at Gravesend & late for tide
10									.	.	.	moored to the buoys.
11												All lights lookouts pumps & Ventilators
12	"								.	.	.	strictly attended to.

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
London											

ON THE LOOK-OUT

From	To	
6	8	6-8
8	10	8-10
10	12	10-12
12	2	12-2
2	4	2-4
4	6	4-6

NAME.

W Lord	Holmberg
Hunter	Benson
W Lee	Abraham
Thomson	W Cullock
Pollock	Thomson
Ree	Hunter

LANTERNS HUNG OUT

From Sunset To Sunrise

Richmond Mate. Alex J. Brooks Master.

LOG of the Euterpe
From Wellington Towards London

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Fathoms	WINDS—see Formula Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Saturday May 29th 1897
1												This day begins with fresh
2	Jan		14									S.E. wind, clear & fine
3	Feb		28									
4	March		31									
5	Apr		30									0 h Got underweigh & proceeded
6	May		30									towards S.S.E. in tow of Tug
7			153									Victoria in charge of the
8												Reader Gravesend Pilot
9												
10												Hauled into Basin &
11												made fast to the wharf
12												with Cone
1												
2												
3												
4												
5												Not sufficient water to
6												go to berth, moored in the
7												same position.
8												
9												
10												All's Well that Ends Well
11												
12												E.G.

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

ON THE LOOK-OUT From	To	NAME.	LANTERNS HUNG OUT From	To

Richmond Mate. Alexd. S. Brooks Master.

LOG of the Ship Euterpe
From Newcastle N.S.W. Towards Honolulu

CHIEF OFFICER'S LOG.

Hrs.	Courses	Distance Run. Knots	Fathoms	WINDS—see Formula Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c.
												Sunday June 19th 18
1	E by N 3/4 N	3		NW							6	Begins with Moderate breeze and
2		3										thick rainy weather
3		3										
4		3										
5		3										
6		3		W								
7		3										
8		3										Do Do Do
9		3										
10		3										
11		3										
12		3		SW								Midnight light airs and hazy weather
1		3										AM frequent heavy showers
2		3		SSE								
3		3										
4		3										" Light baffling airs
5		3		SW								
6		3										
7		3										Dean AB off Duty Sick
8		3										
9		3										
10		4										6 Inches in the well
11		4										Noon Clear
12		4						30.14	62			Temperature of Hold 69°

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.
S80E	75	13.0	73.9	32.49	32.47	88	173 31 E	173 28 15 E		13E	—

ON THE LOOK-OUT From	To	NAME.	LANTERNS HUNG OUT
6	8	McBrian	From Sunset To Sunrise
8	10	Jones	lights lookouts and pumps
10	12	Kidney	carefully attended to
12	2	Brown	
2	4	Dixon	
4	6	Plz	

Mate. Master.

LOG of the

From *Towards*

CHIEF OFFICER'S LOG.

Hrs.		Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer.	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c. 18
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

ON THE LOOK-OUT		NAME.	LANTERNS HUNG OUT	
From	To		From	To

Mate. *Master.*

LOG of the

From *Towards*

CHIEF OFFICER'S LOG.

Hrs.		Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer.	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c. 18
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

ON THE LOOK-OUT		NAME.	LANTERNS HUNG OUT	
From	To		From	To

Mate. *Master.*

The following pages are blank

LOG of the

From *Towards*

CHIEF OFFICER'S LOG.

Hrs.		Distance Run. Knots	Distance Run. Fathoms	WINDS—see Formula. Direction.	Force.	Sail Set.	Lee Way.	Barometer	Temperature Air.	Temperature Water.	Deviation.	REMARKS, &c. 18
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

BEARING & DISTANCE AT NOON.

COURSE.	DISTANCE.	Difference Latitude.	Departure.	Latitude by Account.	Latitude Observed.	Difference or Longitude.	Longitude by Account.	Longitude by Chronometer.	Longitude Observed.	Variation.	Distance Run per Patent Log.

ON THE LOOK-OUT		NAME.	LANTERNS HUNG OUT	
From	To		From	To

245

Mate. *Master.*

AØ245.1.09