LOG OF THE "EUTERPE"

Dec. 1888 - March 1890

(Volume 3)

SHIP'S COMPANY.

Name.	Rank.	Age.	Country, &c. where born.	No.	Remarks, Casualties, &c.
Hartshorn	A.B.			1	
Harland	"			2	
Butcher	"			3	
Cediberg	"			4	
Cruden	"			5	
Neilson	"			6	
Peters	"			7	
Jeans	"			8	
Lingan	"			9	
Whellan	"			10	
Davis	"			11	
Brake	"			12	
Procter	"			13	
Quande	O.S.			14	
Bennett	"			15	
Sowle	Act. Steward			16	
Mc Carthy	"			17	
Glynes	Appr.			18	
Lawston	"			19	
Kingcome	"			20	
Sircome	"			21	
Howat	Carpenter			22	
Bonner	Sailmaker			23	
Howship	Cook			24	

SHIP'S COMPANY.

Date.	Name.	Rank.	Age.	Country, &c. where born.	No.	Remarks, Casualties, &c.

PASSENGERS.

No.	Name.	Description.	When & where received on Board.	When and where Landed.
1	Mrs Knight		Pier Head. E. I. Dock	Wellington
2	Mr. Knight		London	
3	Mr. Rankin		"	
4	Mr. Barnes		"	
5	Mr. Irvine		"	
6	Mr. Barnett		"	
7	Mr. Bennett		"	

PASSENGERS.

No.	Name.	Description.	When & where received on Board.	When and where Lande

LOG of the "Europe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 22 of Dec 1888
1	10	4	SSE.	SSW.					4 PM Fresh breeze attended by
2	10	4	—	—					steady rain
3	10	4	—	—					6" Fresh gale with heavy showers
4	10	4	—	—					of rain.
5	10	4	—	—			29°98	70°	8" Wind veered suddenly light
6	10	4	—	—					& taking ship off to E-SE.
7	4	4	SW.	var.					forced ship round to SE.
8	4	4	—	—					after which fierce squalls
9	2		SE.	SSW					struck ship carrying away
10	2		—	—					fore royal fore topsail sheet &
11	2	4	—	—					main topmost staysail Put ship
12	2	4	—	—					under fore topsails & fore top-
									most staysail.
1	3	4	SEbS	SWbS			29°26		Fore fierce gale with terrific
2	3	4	—	—					squalls & rain ship labouring
3	5		SE.	SSW					heavily & shipping large quantities
4	5		—	—					of water which broke over &
5	5		—	—					removable on deck.
6	5		—	—					
7	5		—	—					4 PM Gale somewhat moderating
8	5		—	—					set foresail & Y/S main topsail
9	5		—	—					& decreasing sharp & cloudy to E
10	5		—	—					with high sea set fore & Mizen Y/S top
11	5		—	—			30°20	66.	rails Midnight Moderate breeze & sea
12	5		—	—					set all necessary sail

Distance per Patent Log and Ship's Account this day. Variation allowed

COURSE	S 34 E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	143		Acct. 34° 30S		Acct. 70° 136 W	a.m. 3	Pumps sucks, looks
Departure	80	119	Obs.	96	Chron.	Noon	strictly attended
					Lunars	6 p.m. 3	to
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From	6	to 8	Davis	From Sunset to Sunrise
...	8	... 10	Ewen	...
...	10	... 12	Milson	...
...	12	... 2	Keane	...
...	2	... 4	Hampton.	...
...	4	... 6	Peter.	...
...		...		...

Vol III
Dec 1888 to Mar 1890

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sun day, the 23 of Dec. 1888.
1	6		S8½S	S6½S					4 AM. Moderate steady wind
2	6		—	—					& cloudy W.S.W. with passing
3	6		—	—					clouds
4	6		—	—					
5	6		—	—					8" " do
6	6		—	—					
7	6		—	—					
8	6		—	—					
9	6		—	—					
10	6		—	—					Noon Pleasant breeze & fine
11	5	4	—	—					clear W.S.W.
12	5	4	—	—			30 30	64	All sail set to the best advan
1	6		S6½S	W.					4 PM. do do
2	6		—	—					
3	6		—	—					
4	6		—	—					8" do do
5	6		—	—					
6	6		—	—					
7	6		—	—					
8	6		S5E.	—					Midnight do do
9	6		—	—					
10	6		—	—					No work done it being Sunda
11	6	4	—	—					
12	6	4	—	—					

Course N½E Dist- 124 Miles — Distance per Log 125 — Variation 18° W

COURSE N½E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 125		Acct. 34° 46S		Acct. 14° 02E	6 a.m. 3	Pumps lights look
Departure 121		Chron. 16 59E		Chron. 16 59E	Noon 3	after duly attended
	3'5S	Obs. 34° 48S	14'4E	Lunars	6 p.m.	too
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	4	Peke	From Sunset	to Sunrise
...	8	...	6	Brooke	...	...
...	10	...	8	Brake	...	...
...	12	...	10	Harland	...	...
...	2	...	12	Cadeby	...	...
...	4	...	6	Deane	...	...
...		...			...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Mon day, the 24 of Dec. 1888.
1	6	4	S8E	West					4 AM. Moderate breeze & fine
2	6	4	—	—					with light passing showers
3	8		—	—					
4	8		—	—					
5	8		—	—					8" do
6	8		—	—					
7	8		—	—					
8	8		—	—					
9	8		—	—					
10	8		—	—					Noon do Wind & cloudy
11	8		—	—					
12	8		—	—			30 26	68	Harbstone AB off duty sick
1	9		—	—					4 PM. Moderate breeze &
2	9		—	—					overcast attended by mist at
3	9		—	—					intervals
4	9		—	—					
5	9		S8½S	NW					
6	9		—	—					8" Steady breeze & overcast
7	9		—	—					
8	9		—	—					
9	9		—	—					
10	9		—	—			30 30	64	Midnight do do
11	9		—	—					Two Cases of Whiskey taken from
12	9		—	—					Cargo for passengers use. D.R. 107.99.

Distance per Log — Variation 21° W

COURSE S5E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 165		Acct. 36 06S		Acct. 14 04E	6 a.m. 3	Pumps lights looked
arture 140		Chron. 13 57E		Chron. 13 57E	Noon 3	after duly attended
8'5S		Obs. 35 51S	14'1E	Lunars	6 p.m. 3	too
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Brooke	From Sunset	to Sunrise
...	8	...	10	Peke	...	...
...	10	...	12	Lucas	...	...
...	12	...	2	Brake	...	...
...	2	...	4	Deane	...	...
...	4	...	6	Peke	...	...
...		...			...	...
...		...			...	...

LOG of the "Calypso" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thurs day, the 29th of Dec 1888.
1	4		SSE.	North					4 PM. steady wind & thirsty
2	4		—	—					work.
3	5		—	—					
4	5		—	—					
5	6	4	—	—					8 do do
6	6	4	—	—					
7	6	4	SbyS.	NW					
8	6	4	—	—					
9	4	4	—	—					
10	4	4	—	—			30.10	62	Noon Moderate breze & fine
11	5		—	—					All square sail set
12	5		—	—					Harbtown still off duty sick
1	4	4	SbyS.	NW.					4 PM. Steady breze & fine
2	4	4	—	—					with occasionall showers
3	4	4	—	—					
4	4	4	—	—					
5	4		—	—					8 do do.
6	4		—	—					
7	4		SE.	—					
8	4		—	—					
9	2		SbyW½W. Lights				30.20	60	Midnight- light- unsteady
10	2		—	—					winds & overcast- lot
11	2		—	—					Crew variously employed.
12	2		—	—					Sailmaker on watch Carpenter condensing 4

Distance per Log — Variation 25 E

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
SE½E		Acct 39 11S		Acct 6 - 13 W	6 a.m. 3	Pumps lights look
DISTANCE 136		Obs. 38 - 46S		Chron. 6 - 30 W	Noon	after duly attended
Departure 114 E	68		151 E	Lunars	6 p.m. 3	100
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	1	to 8	Dew	From Sunset	to Sunrise
...	8	... 10	Davis	...	...
...	10	... 12	Jeans	...	...
...	12	... 2	Butcher	...	...
...	2	... 4	Cedebery	...	...
...	4	... 6	Brooke	...	...
...		...		...	...

LOG of the "Calypso" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Fri day, the 30th of Dec 1888.
1	2		SbyE½E.	Light-					4 AM. Light breze & fine
2	2		—	—					clear. lot.
3	2		SbyE	—					
4	2		—	—					
5	4	4	SbyE½E	—					8 do do.
6	4	4	—	—					
7	5		—	—					
8	5		—	—					
9	4		—	—			30.34	62	Noon Light airs & calms
10	4		—	—					Harbtown H.B. still off duty
11	2		—	—					sick
12	2		—	—					Vessels in Company doing as
									per log
1	1		Calm	—					4 PM. Light airs & calms Ship
2	0		—	—					still in company
3	1		SbyE.	SW.					
4	1		—	—					8 do do lowers & light
5	1		SE.	SSW.					Vessels to the southward.
6	1		—	—					
7		4	SbyW	var.					
8		4	—	—			30.38	60	Midnight- Increasing breze
9	3		SbyE.	—					Overcast- lot.
10	3		—	—					Crew variously employed
11	4	4	SSE.	—					Sailmaker still on watch
12	4	4	—	—					Carpenter condensing water

Course Obs. S 8° E dist 96 miles — Distance per Log — Variation 25 E

COURSE	S 8½ E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	97		Acct 38 - 52S		Acct 4 - 15 W	6 a.m. 3	Pumps lights look
Departure	96 E		Obs. 38 - 51S		Chron. 4 - 18 W	Noon	after duly attended
		5S		124 E	Lunars	6 p.m. 3	100
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Davis	From Sunset	to Sunrise
...	8	... 10	Harlands	...	...
...	10	... 12	Butcher	...	...
...	12	... 2	Jeans	...	...
...	2	... 4	Brooke	...	...
...	4	... 6	Cedebery	...	...
...		...		...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 29th of Dec. 1888.
1	6	4	S6ES.	S6E.					4 AM Moderate breeze &
2	6	4	—	—					cloudy wbe
3	7		—	—					
4	7		—	—					
5	6	4	S8ES	—					8" do do
6	6	4	—	—					
7	7		—	—					
8	7		—	—					
9	7	4	—	—			30	42	58 Noon. Steady breeze & fine
10	7	4	—	—					All plain sail set
11	7		—	—					
12	9		—	—					Harbour ship off duty sick
1	10	4	S6ES	SSE					4 PM Sparks breeze & cloudy wbe
2	10	4	—	—					
3	10	4	—	—					
4	10	4	—	—					
5	10	4	—	—					8" do do
6	10	4	—	—					
7	11		—	—					
8	11		—	—					
9	10	4	—	—			30	40	64 Midnight Sparks wind &
10	10	4	—	—					overcast with misty wbe
11	11		—	—					Crew variously employed
12	11		—	—					Tailmakers still on watch
									Carpenter at his trade

Distance per Log — Variation 25° W

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
S 50 E		Acct. 39° 32' S		Acct. 2° 13' W	6 a.m. 3	Pumps light Harbour
DISTANCE 106		Obs.		Chron.	Noon	Steadily attended
Departure 99 E	3'4 S		12'4 E	Lunars	6 p.m. 3	Port
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Harland	From Sunset	to Sunrise
...	8	...	10	Whelan	...	...
...	10	...	12	Davis	...	...
...	12	...	2	Butcher	...	...
...	2	...	4	Cedibery	...	...
...	4	...	6	Deane	...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 30th of Dec. 1888.
1	9	4	SE.	North					4 AM Moderate wind & misty
2	9	4	—	—					wbe.
3	9		—	—					
4	9		—	—					
5	8		—	—					8" do do
6	8		—	—					
7	7	4	—	—					
8	7	4	—	—					
9	7	4	—	—			30	40	62 Noon Mod. & fine
10	7	4	—	—					All square sail set &
11	8		—	—					the best advantages
12	8.		—	—					Harbour AB. off duty sick
1	7	4	SE.	NW.					4 PM Moderate breeze &
2	7	4	—	—					Misty wbe
3	7		—	—					
4	7		—	—					
5	6		—	—					8" do do
6	6		—	—					
7	5	4	—	—					
8	5	4	—	—					
9	6		—	—			30	36	61 Midnight Steady wind &
10	6		—	—					foggy
11	6	4	—	—					
12	6	4	—	—					So work done being Sunday

Distance per Log — Variation 24° W

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
S 81 E		Acct. 40° 09' S		Acct. 2° 33' W	6 a.m. 3	Pumps light Harbour
DISTANCE 226		Obs.		Chron.	Noon	Steadily attended
Departure 223 E	3'4 S		19'2 E	Lunars	6 p.m. 3	Port
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Whelan	From Sunset	to Sunrise
...	8	...	10	Harland	...	...
...	10	...	12	Butcher	...	...
...	12	...	2	Davis	...	...
...	2	...	4	Deane	...	...
...	4	...	6	Cedibery	...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 31st of Dec 1888.
1	6		SE.	NNW					4 AM Steady breeze & thick
2	6		—	—					foy
3	6		—	—					
4	6		—	—					
5	6		—	—					
6	6		—	—					8 do do
7	6		—	—					
8	6		—	—					
9	5		SE½S	NbW					
10	5		—	—			30.32	46	Noon do do
11	5		—	—					Harbstow AB do sick off duty
12	5		—	—					
1	6		SE½E.	NNE					4 PM Moderate breeze & fine
2	6		—	—					clear wb.
3	6		—	—					
4	6		—	—					
5	6		—	—					
6	6		—	—					8 do do
7	6		—	—					
8	6		—	—					
9	6		—	—			30.28	64	Midnight do do.
10	6		—	—					Crew variously employed
11	7		—	—					Saltmaker while on watch
12	7		—	—					Carpenter at his trade

Distance per Log — Variation 2°W

COURSE	S 8° E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	144		Acct. 39 54S		Acct. 5 48E	6 a.m. 3	Pumps lights looks
Departure	141 E		Obs.		Chron.	Noon	chiefly attended
		4 S		19 E	Lunars	6 p.m. 3	
						Midnt.	80

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Brake	From Sunset	to Sunrise
...	8	...	10	Whelan	...	...
...	10	...	12	Cedilberg	...	...
...	12	...	2	Ewen	...	...
...	2	...	4	Lanis	...	...
...	4	...	6.	Nelson	...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tuesday, the 1st of Jan 1889.
1	8		SE½S	NNW					4 AM Steady breeze & hazy
2	8		—	—					wbe
3	8		—	—					
4	8		—	—					
5	8		—	—					8 do do wind & fine clear
6	8		—	—					wbr
7	8		—	—					
8	8		—	—					
9	8		—	—			30.30	62	Noon Pleasant breeze & fine
10	8		—	—					AB plain sail set
11	9		—	—					Harbstow sick off duty sick
12	9		—	—					
1	7		SE½S	—					4 PM Moderate breeze & fine
2	7		—	—					
3	7	4	—	—					
4	7	4	—	—					
5	8		—	—					8 do do
6	8		—	—					
7	7		—	—					
8	7		—	—					
9	8		—	—			30.18	62	Midnight Steady winds
10	8		—	—					& fine
11	8		—	—					
12	8		—	—					No work done at being News Year's Day

Distance per Log — Variation 2°W

COURSE	S 23 E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	174		Acct. 40 · 18S		Acct. 9 33E	6 a.m. 3	Pumps lights looked
Departure	142 E		Obs. 40 · 13S		Chron. 9 · 23E	Noon	chiefly attended
		245		225 E	Lunars	6 p.m. 3	
						Midnt.	Doo

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Brake	From Sunset	to Sunrise
...	8	...	10	Butcher	...	...
...	10	...	12	Cedilberg	...	...
...	12	...	2	Whelan	...	...
...	2	...	4	Lanis	...	...
...	4	...	6.	Ewen	...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 2nd of Jan 1889
1	7		S8½E	N.NE					4 AM Moderate breeze & misty
2	7								look
3	7	4							
4	7	4							
5	8	4							8" do do
6	8	4							
7	8	4							
8	8	4							
9	7	4					30·12	62	Noon do wind & fine clear
10	7	4							look
11	7								All plain sail set to the best
12	7								advantage
									Hackbourn off duty sick
1	8		S8½E	N.NW					
2	8								4 PM Sparks breeze & fine look
3	8								
4	8								
5	7								8" do do.
6	7								
7	6								
8	6								
9	7	4					30·10	66	Midnight Moderate breeze &
10	7	4							cloudy
11	8								Crew variously employed
12	8								Trades men as yesterday.

Course 16 S82E Dist 182 Miles — Distance per Log 183 — Variation 24 W.

COURSE S82E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 183		Acct. 40·35S		Acct. 13·26E	6 a.m. 3	Pumps lights look
Departure 182E		Obs. 40·34S	23E	Chron. 13·23E	Noon ...	Strictly attended to
	22			Lunars	6 p.m. 3	
					Midnt.	Log

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Butcher	From Sunset	to Sunrise
...	8	...	10	Lunyan	...	...
...	10	...	12	Blake	...	...
...	12	...	2	Cadibery	...	...
...	2	...	4	Evans	...	...
...	4	...	6	Lewis	...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 3rd of Jan 1889
1	6		S8½E	North					4 AM Moderate & cloudy
2	6								
3	8								
4	8								
5	7	4							8" do do.
6	7	4							
7	7								
8	7								
9	5						30·05	68	Noon decreasing breeze
10	6								& fine
11	4								Hackbourn AB take off duty
12	4								
1	5			N W.					4 PM Steady winds & fine
2	5								
3	5								
4	5								
5	5								8" do do.
6	5								
7	3		S8½E						
8	3								
9	3						30·16	63	Midnight do wind &
10	3								overcast
11	5		S8½E						Crew variously employed
12	5								Trades men as previous day

Course 16½ S82E Dist 148 — Current set 26 Miles N&E — Cast 36 Knots — Variation 31 W

COURSE S82E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 164		Acct. 40·54S		Acct. 16·37E	6 a.m. 3 6	Pumps lights look
Departure 163E		Obs. 40·54S	215E	Chron. 17·13E	Noon ... 3 6	out strictly attended
	765			Lunars	6 p.m. 3 6	to
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Lunyan	From Sunset	to Sunrise
...	8	...	10	Butcher	...	...
...	10	...	12	Cadibery	...	...
...	12	...	2	Blake	...	...
...	2	...	4	Whelan	...	...
...	4	...	6	Lewis	...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Friday, the 4th of Jan 1889
1	5		S/2E	NW					4 AM Steady breeze & clear
2	5		—	—					Cobr with heavy swell from S
3	5		—	—					
4	5		—	—					
5	5		—	—					8" do do
6	5		—	—					
7	5		—	—					
8	5		—	—					
9	6		—	—			30 04	62	Noon Fresh breeze & fine
10	6		—	—					Exchanged sylals with the
11	8		—	—					Barque "Star of Denmark" from
12	8		—	—					London to Port Nicholson 54 days
									also exchanging Longitudes Time of Obsn being 20-10 R. Euterpe 29-18 S.
1	5	4	—	SW					Hackstow AB off duty sick
2	5	4	—	—					
3	6		—	—					4 PM Moderate Breeze & fine
4	6		—	—					
5	6	4	—	—					
6	6	4	—	—					8" do do
7	6	4	—	—					
8	6	4	—	—			30 03	59	Midnight do wind & cloudy
9	4	4	—	—					Cobr
10	4	4	—	—					Crew employed scraping Mast
11	8		—	—					Gradestones as before
12	8		—	—					

Course Obsd 282 dist 139 Current 261 ship 5 miles 24 hours Distance per Log Variation 32 W

COURSE S 85 E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 120		Acct 41 - 08S		Acct 20 - 11E	6 a.m. 9 6	Pumps lights lookout
Departure 119.56	108	Obs 41 - 08S	158	Chron 20 - 16E	Noon	Muckly attended
				Lunars	6 p.m. 3 6	Job
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Butcher	From Sunset	to Sunrise
... 8	... 10		Procter	...	...
... 10	... 12		Lugan	...	...
... 12	... 2		Cedelberg	...	...
... 2	... 4		Owen	...	...
... 4	... 6		Brake	...	...
...	...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 5th of Jan 1889
1	9		S/2E	West					4 AM Steady breeze & fine
2	9		—	—					
3	8		—	—					
4	8		—	—					
5	8		—	—					8" do do
6	8		—	—					
7	8		—	—					
8	8		—	—					
9	8		—	—			30 16	60	Noon Fresh winds & fine
10	8		—	—					Vessle still in Company
11	8	4	—	—					
12	8	4	—	—					Hackstow AB still off duty sick
1	9		S/2E	SW					AM square sail set to the best advantage
2	9		—	—					
3	9		—	—					
4	9		—	—					4 PM Fresh breeze & cloudy Cobr
5	9		—	—					
6	9		—	—					8" do do
7	9		S/2E	—					
8	9		—	—			30 18	62	Midnight Moderate wind & fine
9	6	4	—	—					
10	6	4	—	—					
11	8	4	—	—					One case of bottle ale containing 48 bottles
12	8	4	—	—					taken from cargo for passengers use 211

Distance per Log Variation 32 W

COURSE S 85 E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 145		Acct 41 - 14S		Acct 24 - 07E	6 a.m. 3	Pumps lights lookout
Departure 144.56	9S	Obs 41 - 12S	231E	Chron 24 - 22E	Noon 3	Muckly attended
				Lunars	6 p.m.	Job
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Procter	From Sunset	to Sunrise
... 8	... 10		Butcher	...	...
... 10	... 12		Cedelberg	...	...
... 12	... 2		Lugan	...	...
... 2	... 4		Brake	...	...
... 4	... 6		Owen	...	...
...	...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 6th of Jan 1889
1	6	4	SEbyS	NbyW					4 AM Moderate steady breeze & fine
2	6	4	—	—					
3	6	4	—	—					
4	6	4	—	—					8 " Uneasy breeze with drizzling rain
5	5	4	—	—					
6	5	4	—	—					
7	6		SEbyS	NW					
8	6		—	—			30 30	62	Noon Light airs & fine clear between
9	6	4	SEbyS	NW					All plain sail set
10	5	4	—	—					Bosque Star of Denmark in company
11	2	4	SEbyE	Light					
12	2	4	—	—					Harbour AB out of duty watch
1	1	4	NEbyN	NW					2 PM Light airs & fine
2	1	4	—	—					Wore ship to SE
3	1		South	ESE					4 " Light airs
4	1		—	—					
5	2	4	SEbyS	ESE					8 " Increasing breeze & cloudy
6	2	4	—	—					
7	5		SEbyS	NW					
8	5		—	—			30 40	62	Midnight Wind & ship Increasing with fine wx
9	4	4	—	—					
10	4	4	—	—					No work done being Sunday
11	4	4	—	—					
12	4	4	—	—					

Course NbyW 8 1/2 Dist 155 Miles Current at SEbyS Dist 2 1/2 Miles East 24 hours Distance per Log Variation 3 1/2 W

COURSE SEbyE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 155		Acct. 41 39 S		Acct. 28 00 E	6 a.m. 3	Pumps lights boat &
Departure 104.6	2 45	Obs. 41 21 S	3 18 E	Chron. 27 46 E	Noon ...	checks attended
				Lunars	6 p.m. 3	
					Midnt. ...	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Butcher	From Sunset	to Sunrise
... 8	... 10		Brooks	...	...
... 10	... 12		Fergan	...	...
... 12	... 2		Cadibury	...	...
... 2	... 4		Lewis	...	...
... 4	... 6		Brake	...	...
...	...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Monday, the 7th of Jan 1889
1	10		SEbyS	NNW					4 AM Strong breeze & fine
2	10		—	—					
3	10		—	—					
4	10		—	—					8 " do hazy & cloudy to the
5	10		—	—					
6	10		—	—					
7	11		—	—					
8	11		—	—					
9	11		—	—			30 36	64	Noon Moderating & fine to the
10	11		—	—					
11	11		—	—					Harbour AB off duty watch
12	11		—	—					
1	10	4	SEbyS	ENE					4 PM Strong breeze & fine
2	10	4	—	—					
3	11		—	—					
4	11		—	—					8 " do do
5	11		—	—					
6	11		—	—					
7	10	4	—	—					
8	10	4	—	—			30 32	69	Midnight Strong breeze
9	10	4	—	—					& cloudy wx
10	10	4	—	—					Crew variously employed
11	10	4	—	—					
12	10	4	—	—					

Distance per Log Variation 3 1/2 W

COURSE SSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 175		Acct. 41 49 S		Acct. 31 38 E	6 a.m. 3	Pumps lights
Departure 143 E	28 S	Obs.	23 26	Chron.	Noon ...	lookout & duty
				Lunars	6 p.m. 3	watch attended
					Midnt. ...	to

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Brooks	From Sunset	to Sunrise
... 8	... 10		Cadibury	...	...
... 10	... 12		Lewis	...	...
... 12	... 2		Fergan	...	...
... 2	... 4		Brake	...	...
... 4	... 6		Neilson	...	...
...	...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS	K.	F.	COURSES	WINDS	Lee Way	Deviation	Bar.	Ther.	OCCURRENCES and REMARKS. Sues day, the 1st of Jan 1889
1	10		S8ºS.	N8.					4 AM. Increasing breeze & fine
2	10		—	—					
3	10		—	—					
4	10		—	—					
5	9		—	—					8' do do
6	9		—	—					
7	9		—	—					
8	9		—	—					
9	8		—	—			30·30	67	Noon. Moderate breeze & fine
10	8		—	—					clear wthr
11	7	4	—	—					Harbthorn off duty sick
12	7	4	—	—					
1	7	4	S4½E	—					4 PM Fresh breeze & fine
2	7	4	—	—					
3	7	4	—	—					
4	7	4	—	—					8' do do
5	7		—	—					
6	7		—	—					
7	7		—	—			30·30	58	Midnight Moderate breeze & fine
8	7		—	—					clear wthr
9	8	4	—	—					Crew variously employed.
10	8	4	—	—					Trademen at their trades.
11	8	4	—	—					Two cases of Whiskey taken from
12	8	4	—	—					fo passenger ms. D/H 83. 111.

Distance per Log — Variation 33ºW

COURSE	S8ºE.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	235		Acct. 42·24		Acct. 37·33E	6 a.m. 3	Pumps lyth & tool
Departure	232E				Chron.	Noon ..	strictly attended.
		37S	Obs. 42·34	250E	Lunars	6 p.m. 3	
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to	8	Cadibery	From Sunset	to Sunrise
8		10	Ewen		
10		12			
12		2			
2		4			
4		8.	Wilson		

LOG of the "Euterpe" from London towards Wellington

HOURS	K.	F.	COURSES	WINDS	Lee Way	Deviation	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 9th of Jan 1889
1	7		SE½S.	NE.					4 AM. Moderate winds & fine
2	7		—	—					clear wthr
3	7		—	—					
4	7		—	—					
5	7		—	—					8' do do
6	7		—	—					
7	10	4	SE¾S.	E.NE.					
8	10	4	—	—					
9	7		—	—			30·28	57	Noon. do do.
10	7		—	—					All plain sail set to the
11	7		—	—					best advantage.
12	7		—	—					Harbthorn 28th sick off duty sick
									Jarvis 29th off duty sick
1	8	4	S6ºS.	—					
2	8	4	—	—					4 PM. Brisk breeze & fine
3	8		—	—					clear wthr
4	8		—	—					
5	9		—	—					
6	9		—	—					8' do do.
7	10	4	—	—					
8	10	4	—	—					
9	11		—	—			30·26	54	Midnight Fresh breeze &
10	11		—	—					overcast wthr.
11	11		—	—					Crew variously employed
12	11		—	—					Trademen as before

Distance per Log — Variation 33ºW

COURSE	S8ºE.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	182		Acct. 42·40S		Acct. 41 - 39	6 a.m. 3 6	Pumps lyth & tool
Departure	182E				Chron.	Noon ..	strictly attended
		65	Obs.	246E	Lunars	6 p.m. 3 6	
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to	8	Jarvis	From Sunset	to Sunrise
8		10	Cadibery		
10		12	Ewen		
12		2	Keam		
2		4	Proctor		
4		6.	Wilson		

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thurs day, the 10th of Jan 1889.
1	11		SEbyS	North					4 AM. Brisk breeze attended
2	11		—	—					with rain at intervals.
3	11		—	—					
4	11		—	—					
5	11		—	—					8' do do.
6	11		—	—					
7	10		—	NNo.					10' Increasing breeze with
8	10		—	—					steady rain
9	5	4	—	—					
10	5	4	—	—			30.38	52	Noon. Moderate breeze & rain
11	5		—	—					shifting the wind round to
12	5		—	—					the westward braced yards forward
									& trimmed all accordingly with a
1	1		SEbyS	SbyES					double reef. Hauled down & Davits &
2	1		—	—					off duty sick
3	4		SEbyE	—					4 PM. Light airs & calms & fine
4	4		—	—					
5	5		—	—					
6	5		—	—					8 Moderate winds & overcast wh
7	8		EbyS	SbyE					
8	8		—	—					
9	8		—	—			30.36	51	Midnight Increasing breeze &
10	8		—	—					& rain Handed the royals &
11	8		—	—					Topgallant staysail
12	8		—	—					Crew variously employed

Distance per Log — Variation 3E0.

COURSE SSW	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 224		Acct. 43° 24S		Acct. 46° 28	6 a.m. 3	Pumps lights & look
Departure 221E		Obs.		Chron.	Noon	out Steady breeze
	40		50E	Lunars	6 p.m. 3	attended to
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Cadibery	From Sunset	to Sunrise
... 8	... 10		Whelan	...	...
... 10	... 12		Keane	...	...
... 12	... 2		Green	...	...
... 2	... 4		Wilson	...	...
... 4	... 6		Procter	...	...
...	...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Fri day, the 11th of Jan 1889.
1	5		EbyS	SbyE					4 AM. Moderate unsteady
2	5		—	—					winds & fine
3	5		—	—					
4	5		—	—					
5	8		EbyS	SbyS & SEbyS					8' Employed variously & Lashed ships to the boatdavits
6	8		—	—					
7	8		—	—					
8	8		—	—					
9	4		South	ESE			30.30	52	Noon. Steady breeze & fine
10	4		—	—					& rain
11	5		SbyE	EbyS					Hauled down & Davits & Hands off
12	5		—	—					duty sick All reasonably well
									aft.
1	3	4	SbyE	EbyS					4 PM. Light breeze & steady
2	3	4	—	—					rain
3	3	4	—	—					
4	3	4	—	—					
5	4		SbyE	—					8' Light airs & foggy wet
6	4		—	—					
7	1		SEbyS	EbyS					
8	1		—	—					
9	1		—	—					Midnight Steady moderate
10	1		—	—					& heavy rain.
11	8		—	—					Crew employed repairing Sunday
12	8		—	—					Gradesmen at Work

Distance per Log — Variation 3E0

COURSE NbyE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 119		Acct. 42° 28		Acct. 48° 52	6 a.m. 3	Pumps lights & look
Departure 105E		Obs.		Chron.	Noon	out Steady breeze
	56		144E	Lunars	6 p.m. 3	attended to
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Brake	From Sunset	to Sunrise
... 8	... 10		Cadibery	...	...
... 10	... 12		Green	...	...
... 12	... 2		Keane	...	...
... 2	... 4		Procter	...	...
... 4	... 6		Watson	...	...
...	...			...	...

LOG of the "Euterpe" from London towards Wellington

Saturday, the 12th of Jan 1889

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS.
1	9		SbyS	North					4 AM. Fresh breze attended by rain & lightning Handed fore & main royals
2	9		—	—					
3	9		—	—					
4	9		—	—					
5	8		—	—					8h Moderate breze with thick
6	8		—	—					
7	8	4	—	—					
8	8	4	—	—			30 24	58	Noon. do do
9	9		—	—					All plain sail set.
10	9		—	—					Harbrow & Davis ABs off duty sick
11	10		—	—					
12	10		—	—					
1	10	4	S44E	North					4 PM. Fresh breze & foggy wr
2	10	4	—	—					
3	10	4	—	—					
4	10	4	—	—					8h do wind & wet.
5	11		—	—					Reefed Mainsail
6	11		—	—					
7	11		—	—					
8	11		—	—					
9	9		—	—			30 28	58	Midnight. Fresh breze & puffy wr
10	8		—	—					heavy showers of rain at intervals
11	8		—	—					Handed fore & main Royals & fr
12	8		—	—					all staysails

Crew employed scraping & picking

Distance per Log — Variation 33° W

COURSE	S 80° E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	156		Acct. 43° 55' S		Acct. 52° 21' E	6 a.m. 3	Pumps lights cookroom
Departure	1536	27 S	Obs.	26 E	Chron.	Noon	chiefly attended to
					Lunars	6 p.m. 3	
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 4	to	8	Cedibury	From Sunset	to Sunrise
... 8	...	10	Dean	...	...
... 10	...	12	Brooks	...	...
... 12	...	2	Owen	...	...
... 2	...	4	Neilson	...	...
... 4	...	6	Brake	...	...
...	...			...	...
...	...			...	...

LOG of the "Euterpe" from London towards Wellington

Sunday, the 13th of Jan 1889

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS.
1	7	4	S44E	North					4 AM. Moderate breze & foggy wr
2	7	4	—	—					
3	8		—	—					
4	8		—	—					8h Wind hauling to the Westward
5	5		—	—					with moderate breze & foggy wr
6	5		—	—					
7	5	4	—	WbyW					
8	5	4	—	—			30 26	58	Noon. do wind & fine clear
9	7		S6E	—					wr
10	7		—	—					Harbrow & Davis ABs off duty
11	7	4	—	—					sick
12	7	4	—	—					All sail set to the best advantage
1	6		S33E	Var.					4 PM. Moderate unsteady winds
2	6		—	—					& fine clear wr
3	5	4	—	—					
4	5	4	—	—					8h do do.
5	4		—	—					
6	4		—	—					
7	3		—	—					
8	3		—	—			30 10	59	Midnight. Light airs & calms
9	1		—	—					
10	1		—	—					no work done this Day being Sunday
11	1		—	—					
12	1		—	—					

Distance per Log — Variation 33° W

COURSE	East	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	211		Acct. 43° 54S		Acct. 57° 16E	6 a.m. 3	Pumps lights look
Departure	211E	1	Obs.	289E	Chron.	Noon	out chiefly attended
					Lunars	6 p.m. 3	too
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to	8	Brake	From Sunset	to Sunrise
... 8	...	10	Owen	...	...
... 10	...	12	Neilson	...	...
... 12	...	2	Dean	...	...
... 2	...	4	Brooks	...	...
... 4	...	6	Peters	...	...
...	...			...	...
...	...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 15th of June 1889
1	3		S33E	NNW					4 AM Light airs & fine clear wth.
2	3		—	—					
3	3		—	—					
4	3		—	—					8. Light breze & fine
5	4	4	—	—					
6	4	4	—	—					
7	4	4	—	—					
8	4	4	—	—					
9	5	4	—	—			30·46	64	Noon. Moderate breze & overcast
10	5	4	—	—					
11	6		—	—					
12	6		—	—					
1	4	4	S37E	North					4 PM Moderate breze & fine
2	4	4	—	—					
3	4	4	—	—					
4	4	4	—	—					8" do. do.
5	5	4	—	—					
6	5	4	—	—					
7	5		—	—				63	
8	5		—	—			30·46	Mid.	Moderate winds attended by drizzley rain
9	4	4	—	—					
10	4	4	—	—					
11	5		—	—					Crew employed scraping deck
12	5		—	—					Tradesmen at their trades

Distance per Log — Variation 3°E

COURSE S7½E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 94		Acct. 43-19		Acct. 59° 15E	6 a.m. 3	Pumps lights lookout
Departure 91E	22S	Obs.	125E	Chron.	Noon	strictly attended
				Lunars	6 p.m. 3	
					Midnt.	100.

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Ewen	From Sunset	to Sunrise
...	8	...	10	Lugan	...	...
...	10	...	12	Peterson	...	...
...	12	...	2	Neilson	...	...
...	2	...	4	Peters	...	...
...	4	...	6	Brake	...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 16th of June 1889
1	6	4	S37E	NW					4 AM Steady wind & misty wth.
2	6	4	—	—					
3	4		—	—					
4	4		—	—					8' do do
5	4	4	—	—					
6	4	4	—	—					
7	4	4	—	—					
8	4	4	—	—					
9	6	4	—	—			30·46	63	Noon. Moderate breze & fine
10	6	4	—	—					
11	6		—	—					All square sail pt.
12	6		—	—					
1	5	4	—	—					4 PM Steady breze & overcast wth.
2	5	4	—	—					
3	5	4	—	—					
4	5	4	—	—					
5	6		—	—					8" do do.
6	6		—	—					
7	6	4	—	—					
8	6	4	—	—			30·46	63	Midnight do do.
9	4		—	—					
10	4		—	—					Crew employed as yesterday.
11	4		—	—					Tradesmen at their trades.
12	4		—	—					One case of Bottled ale taken from cap for passengers use.

Distance per Log — Variation 3½E

COURSE S8½E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 149		Acct. 43·41S		Acct. 62-25E	6 a.m. 3	Pumps lights lookout
Departure 138E	22S	Obs.	190E	Chron.	Noon	strictly attended do
				Lunars	6 p.m. 3	
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Ewen	From Sunset	to Sunrise
...	8	...	10	Neilson	...	...
...	10	...	12	Lugan	...	...
...	12	...	2	Hobbson	...	...
...	2	...	4	Peters	...	...
...	4	...	6	Brake	...	...
...		...			...	...

LOG of the "Eulalie" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 16th of July 1889
1	5	4	S 37 E	N W					4 AM Moderate breeze & fine
2	5	4	—	—					
3	5		—	—					
4	5		—	—					8 do do
5	6		—	—					
6	6		—	—					
7	6		—	—					
8	6		—	—			30.40	63	Noon Steady breeze & fine clear wth
9	6	4	—	—					
10	6	4	—	—					
11	6		S 6 E S	—					All square sail set
12	6		—	—					
1	5		—	—					4 PM Light breeze & fine wth
2	5		—	—					
3	5	4	—	—					
4	5	4	—	—					8 do do
5	5		—	—					
6	5		—	—					
7	5		—	—					
8	5		—	—			30.36	62	Midnight do wind & misty
9	5	4	S E by S	—					
10	5	4	—	—					Crew variously employed
11	6		—	—					Gradesmen at their trades.
12	5		—	—					

Distance per Log — Variation 3° W

COURSE S 8° E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 144.5		Acct. 44° 63.8		Acct. 65 - 44	6 a.m. 3	Pumps lights look
Departure 144.36	22.8	Obs. 43° 40.5	19.96	Chron.	Noon	shicky attended
				Lunars	6 p.m. 3	Do
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 6	to 8		Wilson	From Sunset to Sunrise
... 8	... 10		Seane	... ...
... 10	... 12		Brooks	... ...
... 12	... 2		Peters	... ...
... 2	... 4		Holland	... ...
... 4	... 6.		Lugan.	... ...
...	...			... ...

LOG of the "Eulalie" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 17th of July 1889
1	7	4	S 6 E S	N W					4 AM Moderate breeze & misty wth
2	7	4	—	—					
3	7		—	—					
4	7		—	—					8 do do
5	7		—	—					
6	7		—	—					
7	7		—	—					
8	7		—	—			30.30	64	Noon. Sprk breeze & overcast wth
9	10		S E by S	West					
10	10		—	—					
11	10		S E by S 1/2 S	—					All plain sail set to the best advantage.
12	10		—	—					
1	9	4	S E by S 1/2 S	E by S					4 PM Brisk breeze & misty wth
2	9	4	—	—					
3	9		—	—					
4	9		—	—					
5	8		S 3 E	—					8 Moderate breeze & overcast
6	8		—	—					
7	6		—	—					
8	6		—	—					
9	4	4	—	—			30.30	60	Midnight Light airs & misty
10	4	4	—	—					
11	3		—	—					Crew employed scraping Foreable
12	3		—	—					Gradesmen at their trades.

Distance per Log — Variation 3° W

COURSE S 8° E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 158		Acct. 44° 0.8		Acct. 69. 21	6 a.m. 3	Pumps lights Forlow
Departure 156.6	28.5	Obs.	21.78	Chron.	Noon	shicky attended
				Lunars	6 p.m. 3	Do
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 6	to 8		Davis	From Sunset to Sunrise
... 8	... 10		Ewen	... ...
... 10	... 12		Wilson	... ...
... 12	... 2		Seane	... ...
... 2	... 4		Brake	... ...
... 4	... 6.		Peters	... ...
...	...			... ...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Friday, the 13th of June 1889
1	1		S.E. by S.	var.					4 AM Light airs & calms accompanied by thick fog
2	1		—	—					
3	1		—	—					
4	1		—	—					
5	2	4	—	—					8" Light airs & foggy wet
6	2	4	—	—					
7	4	4	—	—					
8	4	4	—	—					
9	4		S.S.E.	—			30.14	58	Noon. Moderate unsteady wind & fine
10	4		—	—					
11	4	4	S.E. by S.	—					
12	4	4	—	—					All square sail set
1	8		S.E. by S.	N.E. by E.					4 PM. Fresh. breeze & fine Vessel in company going as per log
2	8		—	—					
3	8		—	—					
4	8		—	—					
5	9		—	—					8" Increasing breeze & cloudy.
6	9		—	—					
7	9		—	—					
8	9		—	—			29.29	57	Midnight. Fresh. increasing breeze. with misty wet.
9	10		—	—					
10	10		—	—					Crew employed as yesterday
11	10	4	—	—					Tradesmen at their trades.
12	10	4	—	—					

Distance per Log — Variation 30° E

COURSE S. 18° E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 121		Acct. 44-33S		Acct. 42-05E	6 a.m. 3	Pumps lifts & bottoms
Departure 118 E.		Obs. 44-60S		Chron.	Noon	chiefly attended
	25S		164 E.	Lunars	6 p.m. 3	
					Midnt.	100

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Ewen	From Sunset	to Sunrise
...	8	...	10	Whelan	...	...
...	10	...	12	Davis	...	...
...	12	...	2	Peters	...	...
...	2	...	4	Neilson	...	...
...	4	...	6	Deane	...	...
...		...			...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 14th of June 1889
1	10		S.E. by S.	N.E. by E.					4 AM. Strong wind & puffy with overcast wet.
2	10		—	—					
3	10	4	—	—					
4	10	4	—	—					
5	11	4	S.E. by S.	to N.E.					8" Wind moderating with cloudy wet.
6	11	4	—	—					
7	11		—	—					
8	11		—	—					
9	11		S.S.E.	West			30.16	59	Noon. Strong breeze & fine
10	11		—	—					
11	12		—	—					All plain sail set
12	12		—	—					
1	11		—	—					4 PM. Strong breeze & fine with passing clouds
2	11		—	—					
3	11		—	—					
4	11		—	—					
5	10		—	—					8" do do
6	10		—	—					
7	10		—	—					
8	10		—	—			30.14	58	Midnight. Brisk breeze & fine wet
9	10	4	—	—					
10	10	4	—	—					Crew employed scrubbing paint work
11	10	4	—	—					Tradesmen as before
12	10	4	—	—					

Distance per Log — Variation 30° E

COURSE S. 8° E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 241		Acct. 44-39S		Acct. 44-37E	6 a.m. 2	Pumps lifts bottoms
Departure 238 E.		Obs. 44-14S		Chron.	Noon	chiefly attended
	39S		332 E.	Lunars	6 p.m. 2	
					Midnt.	100

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Whelan	From Sunset	to Sunrise
...	8	...	10	Ewen	...	...
...	10	...	12	Neilson	...	...
...	12	...	2	Davis	...	...
...	2	...	4	Hayes	...	...
...	4	...	6	Peters	...	...
...		...			...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 27 of July 1889
1	10		S6W S	SW					4 AM Moderate wind & fine with high swell from SW
2	10		—	—					
3	10		—	—					
4	10		—	—					
5	9		—	—					8h do do
6	9		—	—					
7	8		—	—					
8	8		—	—					
9	7	4	S6W S	—			30·10	58	Noon Decreasing breeze & fine
10	7	4	—	—					
11	5		—	—					All plain sail set
12	5		—	—					
1	1	4	E S E.	var.					4 PM Light airs & calms with fine clear wr.
2	1	4	—	—					
3	1	4	—	—					
4	1	4	—	—					
5	2		S6W S	E N E					8h do do
6	2		—	—					
7	3		—	—					
8	3		—	—					
9	6	4	—	—			30·40	56	Midnight Moderate breeze & fine
10	6	4	—	—					
11	4		—	—					No work done it being the Sabbath
12	4		—	—					

Distance per Log — Variation 30° W

COURSE S 34° E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 225		Acct. 44° 39S		Acct. 82° 46E	6 a.m. 3	Pumps lights lookout
Departure 224 E		Obs. 44° 28S		Chron.	Noon	& Helm attended
	228		3°02	Lunars	6 p.m. 3	200
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Swan	From Sunset	to Sunrise
...	8	...	10	Harbottom	...	...
...	10	...	12	Brake	...	...
...	12	...	2	Pilbow	...	...
...	2	...	4	Peters	...	...
...	4	...	6	Whelan	...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Monday, the 28 of July 1889
1	9		S6W S	N E.					4 AM Increasing breeze & cloudy wr.
2	9		—	—					
3	10	4	—	—					
4	10	4	—	—					8h do do
5	11		—	—					
6	11		—	—					
7	11		—	—					
8	11		—	—			30·36	52	Noon Fresh wind overcast wr. with drizzling rain
9	11		—	—					
10	11		—	—					
11	11		—	—					All plain sail set
12	11		—	—					
1	11	4	S6W S	N N E.					4 PM Increasing breeze with high sea & drizzling rain Handed Mizen Royal & Spanker
2	11	4	—	—					
3	11	4	—	—					
4	11	4	—	—					
5	12		—	—					8h Fresh gale with steady rain & high sea ship rolling & labouring heavily & taking large quantities of water aboard Handed Mizen Top gallant sail Fore royal & Spanker
6	12		—	—					
7	11		—	—					
8	11		—	—					
9	12		S E.	N N W					
10	12		—	—					
11	12		—	—			29·80	52	Midnight do wind & wr.
12	12		—	—					Crew employed taking in sail &

Distance per Log — Variation 30° W

COURSE S 7° E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 169		Acct. 45° 02S		Acct. 86° 39E	6 a.m. 3	Pumps lights lookout
Departure 16 E		Obs.		Chron.	Noon	& Helm attended
	3'4 S		23'2 E	Lunars	6 p.m. 3	200
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Swan	From Sunset	to Sunrise
...	8	...	10	Wilson	...	...
...	10	...	12	Peters	...	...
...	12	...	2	Harbottom	...	...
...	2	...	4	Brake	...	...
...	4	...	6	Harland	...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tuesday, the 22nd of Jan 1889
1	10	4	S.E. & S.	North					4 A.M. Decreasing breeze with misty wx
2	10	4							
3	10	4							
4	10	4							8. Gale moderating with thick wx
5	9	4	S.E. & S.						
6	9	4							9. Wind hauled to westward with
7	9	4	S.E. & S.	N.N.W.					heavy rain hauled yards round
8	9	4							for starboard gybes & reefed as
9	11			West					accordingly
10	11								
11	11						29.4	52	Noon Mod breeze & fine
12	11								All square sail set.
1	10	4	S.E.	W.N.W.					4 P.M. Fresh breeze & fine wx
2	10	4							
3	10	4							
4	10	4							8. do do
5	9								
6	9								
7	10						29.9	50	Midnight Moderate breeze & fine
8	10								attended by squalls at intervals
9	10								
10	10								
11	9	4							Crew employed bunting sail etc
12	9	4							Gradesmen at their Trades

Distance per Log

Variation 3°E

COURSE S. 22 E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 261		Acct. 46.22S		Acct. 92.33E	6 a.m. 3	Pumps Sighted Portsmouth
Departure 249	S.E.	Obs. 46.20S	354 E.	Chron.	Noon	strictly attended to
				Lunars	6 p.m. 3	
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.		
From	6	to	8	Nelson	From Sunset	to	Sunrise
...	8	...	10	Procter	...	...	
...	11	...	12	Lurgan	...	...	
...	12	...	2	Pikes	...	...	
...	2	...	4	Garland	...	...	
...	4	...	6	Barbour	...	...	
...		...			...	...	
...		...			...	...	

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 23rd of Jan 1889.
1	10		S.E.	W.N.W.					4 A.M. Brisk breeze & fine with
2	10								passing squalls.
3	8								
4	8								8. do do
5	8	4	S.E. & E.	West					
6	8	4							
7	8	4							
8	8	4					30.12	49	Noon Moderate breeze & fine
9	9		S.E.						clear wx
10	9								
11	9								All necessary rail set
12	9								
1	9		S.E. & S.						4 P.M. Moderate steady breeze
2	9								& fine with light showers of
3	8								rain at intervals.
4	8								
5	8	4							8. do do.
6	8	4							
7	9								
8	9						30.22	50	Midnight Fresh breeze & cloudy
9	9	4							wx
10	9	4							Crew variously employed
11	10								Gradesmen at their trades.
12	10								

Distance per Log

Variation 3°E

COURSE S. 88 E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 226		Acct. 46.13S		Acct. 91.57	6 a.m. 3 6	Pumps Sighted Portsmouth
Departure 225.6	S.	Obs. 46.16S	324 E.	Chron.	Noon	strictly attended to
				Lunars	6 p.m. 3 6	
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.		
From	6	to	8	Keane	From Sunset	to	Sunrise
...	8	...	10	Nelson	...	...	
...	10	...	12	Pikes	...	...	
...	12	...	2	Procter	...	...	
...	2	...	4	Lurgan	...	...	
...	4	...	6	Holland	...	...	
...		...			...	...	
...		...			...	...	

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thurs day, the 24th of Jan 1889
1	10	4	S6½E	to Sth.					4 AM. Brisk wind & overcast wh
2	10	4	—	—					with heavy swell from N W.
3	11		—	—					
4	11		—	—					
5	9	4	—	—					8" do do
6	9	4	—	—					
7	8	4	—	—					
8	8	4	—	—					
9	9		—	—			30.42	50	Noon. Smoke. brisk & fine
10	9		—	—					
11	10		—	—					All plain rail set
12	10		—	—					
1	9	4	S4½E	—					4 PM. Moderate breeze & fine
2	9	4	—	—					clear wh.
3	8	4	—	—					
4	8	4	—	—					
5	8		—	—					8" do do
6	8		—	—					
7	8	4	—	—					
8	8	4	—	—					
9	8		—	—			30.40	49	Midnight- Moderate steady wind
10	8		—	—					& fine
11	8		—	—					Crew variously employed
12	8		—	—					

Distance per Log — Variation 23°W

COURSE S½E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 225.		Acct. 46·34S		Acct. 163·19E	6 a.m. 3	Pumps lights lookou
Departure 223E.	24S	Obs. 46·43S	32E.	Chron.	Noon	strictly attended.
				Lunars	6 p.m. 3	
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Neilson	From Sunset	to Sunrise
8	10		Davis		
10	12		Deane		
12	2		Peters		
2	4		Harland		
4	6		Brooks		

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Fri day, the 25th of Jan 1889
1	4		S4½E.	var.					4 AM. Moderate breeze & cloudy
2	4		—	—					wh.
3	6		—	—					
4	6		—	—					8" do wind & fine clear
5	5	4	—	—					wh.
6	6	4	—	—					
7	5		—	—					
8	5		—	—			30.40	50	Noon. do do
9	4		—	—					
10	4		—	—					All square rail set
11	4		—	—					
12	4		—	—					
1	2		S8½E	N.N.W.					4 PM. Light airs & calms with
2	2		—	—					fine clear wh.
3	2		—	—					
4	2		S47E	—					
5	2	4	—	—					8 do do
6	2	4	—	—					
7	3		—	North					
8	3		—	—			30.36	51	Midnight- Spoke ming smoke.
9	4		—	N E.					& fine.
10	4		—	—					
11	5	4	—	—					Crew variously employed
12	5	4	—	—					

Distance per Log — Variation 24°W

COURSE S 83 E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 164.		Acct. 47·03S		Acct. 164·15E	6 a.m. 3	Pumps lights lookou
Departure 163E.	20S.	Obs. 47·06S	238E.	Chron.	Noon	strictly attended to-
				Lunars	6 p.m. 3	
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Whelan	From Sunset	to Sunrise
8	10		Neilson		
10	12		Peters		
12	2		Davis		
2	4		Deane		
4	6		Harland		

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 26th of Jan 1889.
1	6	4	S47E	NE.					4 AM. Increasing breeze & fine
2	6	4	—	—					with passing clouds.
3	7	4	—	—					
4	7	4	—	—					
5	9		—	—					8" do do
6	9		—	—					
7	9		—	—					
8	9		—	—					
9	9		—	—			30 30	52	Noon. Moderate breeze & cloudy
10	9	4	—	—					lob.
11	9	4	—	—					All plain rail set to the best
12	9	4	—	—					advantage.
1	8		S50E	—					4 PM. Moderate breeze & fine
2	8		—	—					clear lobs.
3	8		—	—					
4	8		—	—					
5	9	4	—	—					8 Increasing breeze & cloudy
6	9	4	—	—					
7	10		—	—					
8	10		—	—			30 28	52	Midnight Brisk breeze & fine
9	10	4	—	NorE					with swell from SE.
10	10	4	—	—					Crew employed scrubbing bright
11	11		—	—					Gradesmen as before.
12	11		—	—					

Distance per Log — Variation 3°E

COURSE	S8°E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	111		Acct. 47 14S		Acct. 110 42E	6 a.m. 3	Pumps 6 ft lobhous
Departure	1408	98	Obs. 47 14S	205E	Chron.	Noon	strictly attended to.
					Lunars	6 p.m. 3	
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Wilson	From Sunset	to Sunrise
... 8	... 10		Brake	...	...
... 10	... 12		Whelan	...	...
... 12	... 2		Peters	...	...
... 2	... 4		Harland	...	...
... 4	... 6		Lamb	...	...
...	...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 27th of Jan 1889.
1	11	4	S 50 E	North					4 AM. Fresh breeze & cloudy
2	11	4	—	—					lobs.
3	10	4	—	—					
4	10	4	—	—					8" do do.
5	10	4	—	—					
6	10	4	—	—					
7	11		—	—					
8	11		—	—			30 36	53	Noon. do do.
9	11		—	—					
10	11		—	—					All plain rail set.
11	10	4	—	—					
12	10	4	—	—					
1	9		S 55E	North					4 PM. Moderate breeze & hazy
2	9		—	—					lobs.
3	8		—	—					
4	8		—	—					
5	9		—	—					8" Increasing breeze & cloudy
6	9		—	—					
7	6	4	—	—					
8	6	4	—	—					
9	6		—	—					
10	6		—	—			30 30	53	Midnight do do.
11	4	4	—	—					
12	4	4	—	N by					No work done it being Sunday.

Distance per Log — Variation 2°E

COURSE	S 8°E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	244		Acct. 47 30		Acct. 116 40E	6 a.m. 3	Pumps lights lobhous
Departure	2452	135	Obs.	358E	Chron.	Noon	strictly attended
					Lunars	6 p.m. 3	
						Midnt.	Do.

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Harbhow	From Sunset	to Sunrise
... 8	... 10		Wilson	...	...
... 10	... 12		Peters	...	...
... 12	... 2		Brake	...	...
... 2	... 4		Whelan	...	...
... 4	... 6		Harland	...	...
...	...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sun day, the 28th of Jan 1889.
1	4		S 35 E	Var					4 AM Light unsteady wind & fine clear wthr.
2	4		—	—					
3	4		—	—					
4	4		—	—					
5	4	4	—	—					8" do do
6	4	4	—	—					
7	4	4	—	—					
8	4	4	—	—					
9	3	4	—	—			30 32	52	Noon do do.
10	3	4	—	—					
11	3	4	—	—					AM. plain sail set
12	3	4	—	—					
1	6		S 67 E	—					4 PM. Moderate Unsteady wind & fine
2	6		—	—					
3	6		—	—					
4	6		—	—					
5	5		—	—					8" do do.
6	5		—	—					
7	5		—	—					
8	5		—	—			30 28	53	Midnight Unsteady winds & overcast wthr.
9	5		—	—					
10	5		—	—					
11	5		—	—					Crew employed cleaning ship
12	5		—	—					Grademen at their trades.

Distance per Log — Variation 16 W

COURSE S 88 E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 130		Acct. 47° 5'25		Acct. 119° 53'6	6 a.m. 3	Pumps lights lookout
Departure 129 92	5'8	Obs. 47° 6'5	1938	Chron.	Noon	strictly attended
				Lunars	6 p.m. 3	Doo
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Peter	From Sunset	to Sunrise
...	8	...	10	Lucyan	...	...
...	10	...	12	Hobbs	...	...
...	12	...	2	Harland	...	...
...	2	...	4	Butcher	...	...
...	4	...	6	Brake	...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tues day, the 29th of Jan 1889.
1	5		S 67 E	North					4 AM. Moderate breeze & fine clear wthr.
2	5		—	—					
3	5		—	—					
4	5		—	—					
5	5		—	—					8" do do
6	5		—	—					
7	5		—	—					
8	5		—	—			30 28	54	Noon Steady wind & overcast wthr.
9	5		—	—					
10	5		—	—					
11	5		—	—					AM. plain sail set
12	5		—	—					
1	7	4	S 89 E	—					4 PM. Moderate breeze & misty wthr.
2	7	4	—	—					
3	7	4	—	—					
4	7	4	—	—					
5	8		—	—					8" do wind & cloudy.
6	8		—	—					
7	7	4	—	—					
8	7	4	—	—					
9	6		—	S 89 E			30 28	55	Midnight do do.
10	6		—	—					
11	6		—	—					Crew employed as yesterday.
12	6		—	—					Grademen as before

Distance per Log — Variation 12 W

COURSE S 82 E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 126		Acct. 47° 2'8		Acct. 123° 5'8	6 a.m. 4	Pumps lights lookout
Departure 125 6	18	Obs.	1848	Chron.	Noon	strictly attended
				Lunars	6 p.m. 4	Doo
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Brake	From Sunset	to Sunrise
...	8	...	10	Peter	...	...
...	10	...	12	Harland	...	...
...	12	...	2	Roche	...	...
...	2	...	4	Lucyan	...	...
...	4	...	6	Butcher	...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 30th of Jan 1889.
1	6		S6W S½W	NBW					4 AM Shady wind & fine clear
2	6		—	—					lok
3	5	4	—	—					
4	5	4	—	—					
5	11		—	—					8 " do do
6	11		—	—					
7	3	4	S8W ½S	—					
8	3	4		—					
9	7		S6W S½W	—			30·36	66	Noon do do
10	7		—	—					
11	7	4	—	—					All plain sail set to the best
12	7	4	—	—					advantage.
1	7		E ½S	½E					4 PM Shady breeze & fine clear
2	7		—	—					
3	7		—	—					
4	7		—	—					8 " do do
5	6	4	—	—					
6	6	4	—	—					
7	6	4	S8W ½S	—					
8	6	4	—	—			30·10	57	Midnight do breeze & fine
9	6	4	—	—					
10	6	4	—	—					Crew employed cleaning ship &c
11	7		—	—					
12	7		—	—					Tradesmen at their trades.

Distance per Log — Variation 5 W

COURSE N8½E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 166		Acct. 47. 22·8		Acct. 128. 00·2	6 a.m. 4	Pumps, lights look-out
Departure 166	6 N	Obs. 47. 56·8	2·43	Chron.	Noon	strictly attended to
				Lunars	6 p.m. 4	
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Peters	From Sunset	to Sunrise
...	8	...	10	Keane	...	...
...	10	...	12	Procter	...	...
...	12	...	2	Harland	...	...
...	2	...	4	Butcher	...	...
...	4	...	6	Lugan	...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 31st of Jan 1889.
1	6		E ½E	NBW					4 AM Moderate breeze & fine
2	6		—	—					clear lok
3	6		—	—					
4	6		—	—					
5	5		—	—					8 " do do
6	5		—	—					
7	5		—	—					
8	5		—	—					
9	5		—	—			30·44	57	Noon light breeze & fine
10	5		—	—					
11	6		—	—					All plain sail set
12	6		—	—					
1	6		E ½E	NBW					4 PM Moderate breeze gloomy
2	6		—	—					lok
3	6			—					
4	6			—					
5	6		E ½S	—					8 " do do.
6	6		—	—					
7	6		—	—					
8	6		—	—			30·44	56	Midnight Light breeze & fine
9	5		—	—					
10	5		—	N E					
11	5		—	—					Crew employed as before.
12	5		—	—					

Distance per Log — Variation —

COURSE N8½E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 146		Acct. 47. 52·8		Acct. 131. 39·2	6 a.m. 4	Pumps lights
Departure 114·8	4 N	Obs. 47. 69·8	2·96	Chron.	Noon	without strictly
				Lunars	6 p.m. 4	attended to.
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Davis	From Sunset	to Sunrise
...	8	...	10	Peters	...	...
...	10	...	12	Harland	...	...
...	12	...	2	Keane	...	...
...	2	...	4	Procter	...	...
...	4	...	6	Butcher	...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. 4/sr day, the 1st of Feb 1889
1	4		SE by E.	NE.					4 AM Light unsteady winds & fine clear wthr.
2	4		—	—					
3	3		—	—					
4	3		—	—					
5	5		SE by E.	NE by E.					8" do wind & gloomy.
6	5		—	—					
7	5		—	—					
8	5		—	—					
9	3		—	—			30·42	56	Noon Shady breze & fine
10	3		—	—					
11	3		—	—					All sail set.
12	3		—	—					
1	4		SE.	NE by E.					4 PM Moderate winds & fine clear wthr.
2	4		—	—					
3	4		—	—					
4	4		—	—					
5	5		SE by S.	var.					8" do do
6	5		—	—					
7	5		—	—					
8	5		—	—			30·30	56	Midnight Light breze & overcast
9	4	4	SE by E.	N by E.					Handed Royals & stays'ls
10	4	4	—	—					
11	4	4	—	—					Crew employed cleaning ship
12	4	4	—	—					Tradesmen at their trades.

Distance per Log — Variation 3 Easterly

COURSE S 7½ E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 110		Acct. 48·285		Acct. 134·182	6 a.m. 4	Pumps light & looking
Departure 107 E.	29S	Obs. 48·255	15½ E.	Chron.	Noon	strictly attended.
				Lunars	6 p.m. 4	
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Peter	From Sunset	to Sunrise
...	8	...	10	Lurgan	...	...
...	10	...	12	Harris	...	...
...	12	...	2	Harlayd	...	...
...	2	...	4	Butcher	...	...
...	4	...	6	Keane	...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Satur day, the 2nd of Feb 1889.
1	4		SE by E.	NE.					4 AM Moderate breze & overcast wthr.
2	4		—	—					
3	4		—	—					
4	4		—	—					
5	5	4	SE. ½ E.	NE ½ E.					8" do do
6	5	4	—	—					
7	5		—	—					
8	5		—	—					
9	5		SE by E.	NE.			30·20	55	Noon. do wind & fine
10	5		—	—					
11	5		—	—					All square sail set.
12	5		—	—					
1	4		SE by E.	NE.					4 PM Moderate breze & gloomy wthr.
2	4		—	—					
3	4		—	—					
4	4		—	—					
5	6		—	—					8" do do
6	6		—	—					
7	6		ESE.	NbyW.					
8	6		—	—			30·10	54	Midnight Moderate breze & cloudy wthr.
9	4	4	E by S	N NE.					
10	4	4	—	—					
11	4		—	—					Crew employed scraping bright work
12	4		—	—					Tradesmen at their trades &

1 Case Bottled Ale taken from cargo for Distillers use Read Mrs No. 119. — Distance per Log — Variation E

COURSE S 6½ E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 110		Acct. 49·165		Acct. 137·166	6 a.m. 4	Pumps lights looking
Departure 97 E.	57S	Obs.	148E.	Chron.	Noon	strictly attended to
				Lunars	6 p.m. 4	
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Peter	From Sunset	to Sunrise
...	8	...	10	Lurgan	...	...
...	10	...	12	Harris	...	...
...	12	...	2	Harlayd	...	...
...	2	...	4	Butcher	...	...
...	4	...	6	Keane	...	...
...		...			...	...

LOG of the "Antwerpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 3rd of Feb. 1889.
1	3	4	E by S ½ S.	North.					4 AM Moderate breeze & overcast
2	3	4	—	—					
3	4		—	—					
4	4		—	—					
5	4		—	—					8" do do.
6	4	4	—	—					
7	4	4	—	—					
8	4	4	—	—					
9	4	4	—	—					
10	4		E ½ S	NE.			29 10	54	Noon. Moderate winds & foggy wh.
11	4		—	—					
12	5		E ½ S.	—					AM plain sail set.
1	3	4	E ½ N.	North					4 PM Light breeze & foggy wh.
2	3	4	—	—					
3	4		—	—					
4	4		—	—					
5	3		E ¾ N.	—					8" do do.
6	3		—	—					
7	4		E ENE	—					
8	4		—	—					
9	3	4	E by N ½	—			29 90	53	Midnight Light airs with drizzling rain
10	3	4	—	—					
11	1		—	—					
12	1		—	—					

Distance per Log — Variation 9 East

COURSE	S 82 E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	133		Acct. 49 · 348		Acct. 142 · 128	6 a.m. 4	Pumps lights lookout
Departure	1298		Obs.		Chron.	Noon	strictly attended
		18 S		196 E	Lunars	6 p.m. 4	
						Midnt.	too.

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Holland	From Sunset	to Sunrise
...	8	... 10	Hackpoon	...	...
...	10	... 12	Brake	...	...
...	12	... 2	Butcher	...	...
...	2	... 4	Cadbury	...	...
...	4	... 6	Wheland	...	...
...		...		...	...

LOG of the "Antwerpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Monday, the 4th of Feb. 1889.
1	3	4	E by N ½ N.	W by S.					4 AM Increasing breeze & overcast wh.
2	3	4	—	—					
3	8		—	—					
4	8		—	—					
5	8		—	—					8" Wind still freshening & clouded by light squalls.
6	8		—	—					
7	9	4	E by N ½ N.	South.					
8	9	4	—	—					
9	10	4	—	—			29 96	54	Noon. Brisk breeze & dull overcast wh.
10	10	4	—	—					
11	10		—	—					
12	10		—	—					AM plain sail set to the best advantage.
1	9		N by E ½ E	—					4 PM Hard squally breeze & puffy with overcast wh.
2	9		—	—					
3	9	4	—	—					
4	9	4	—	—					8" do do.
5	9		—	—					
6	9		—	—					
7	9		—	—					
8	9		—	—			30 06	53	Midnight do do.
9	10	4	N by E.	—					
10	10	4	—	—					
11	10		—	—					Crew employed as yesterday Spaderunning at their stations.
12	10		—	—					

Distance per Log — Variation 12 E

COURSE	N by E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	133		Acct. 48 · 508		Acct. 145 · 248	6 a.m. 4	Pumps. lights lookout
Departure	1246		Obs. 48 · 598		Chron.	Noon	strictly attended
		48 N		192 E	Lunars	6 p.m. 4	
						Midnt.	too.

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Sugan	From Sunset	to Sunrise
...	8	... 10	Holland	...	...
...	10	... 12	Butcher.	...	...
...	12	... 2	Hackpoon	...	...
...	2	... 4	Brake.	...	...
...	4	... 6.	Cadbury	...	...
...		...		...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tuesday, the 3rd of Feb. 1889.
1	9	4	N.E.by.E.	South.					4 A.M. Strong breeze & cloudy wh.
2	9	4	—	—					with heavy swells from N.W.
3	9	4	—	—					Handed Fore & Mizen Royals & ma
4	9	4	—	—					T'gallant staysail
5	9	4	—	S.E.					8" do do
6	9	4	—	—					
7	9	4	—	—					
8	9	4	—	—					
9	9	4	—	—			30.30	54	Noon. Brisk breeze with Hyb pe
10	9	4	—	—					Alb plain sail set
11	9		—	—					
12	9		—	—					
1	10		—	—					4 P.M. Spoke breeze & overcast wh.
2	10		—	—					
3	10		—	—					
4	10		—	—					8" do do.
5	9		—	—					
6	9		—	—					9" Increasing breeze & overcast
7	9		—	—					Handed Fore & Mizen T'gallantsa
8	9		—	—			30.14	53	Midnight. Strong wind with ha
9	9		—	—					squalls. Hands Handed. Fore & mi
10	9		—	—					T'sail & Main T'gallsail
11	8		—	—					Crew variously employed.
12	8.		—	—					Tradesmen at their trades.

Distance per Log — Variation 12E

COURSE N.62E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 226		Acct. 47° 05		Acct. 150° 24E	6 a.m. 4	Pumps light lookout
Departure 201 E.		Obs. 46° 47		Chron.	Noon	sheltly attended
	105 N		300 E	Lunars	6 p.m. 4	Do.
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Harland	From Sunset	to Sunrise
...	8	...	10	Brooks	...	...
...	10	...	12	Lurgan	...	...
...	12	...	2	Ritchie	...	...
...	2	...	4	Cadbury	...	...
...	4	...	6	Harbrow	...	...
...		...			...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 4th of Feb. 1889.
1	6		N.by.E.	S.E.					4 A.M. Weather moderating with
2	6		—	—					light rain Set Fore T'sail
3	5		—	—					
4	5		—	—					
5	5	4	—	—					8" Decreasing breeze attended
6	5	4	—	—					by rain Set Mizen T'sail
7	5	4	—	—					& Main T'gallantsail
8	5	4	—	—					
9	5		—	—					10" Set Fore & Mizen T'gallant
10	5		—	—					sail
11	3		—	—			30.00	59	Noon. Light breeze & foggy wh.
12	3		—	—					
1	1		N.W.by.	N.E.					4 P.M. Light airs calms attended
2	1		—	—					by heavy rain
3	1		—	—					
4	1		—	—					
5	2		N.W.by.W.	—					8" do Wind with shady
6	2		—	—					Handed Mizen T'gallant sails
7	2		—	—					& reefed Mainsail
8	2		—	—					
9	2		N.W.by.	N.E.			29.66	61	Midnight do wind & weather
10	2		—	—					
11	2		—	—					Crew variously employed.
12	2		—	—					Tradesmen at their trades.

Distance per Log — Variation 13E

URSE N.62E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
STANCE 140		Acct. 48° 22S		Acct. 154° 47E	6 a.m. 2 6	Pumps light lookout
arture 150 E.		Obs.		Chron.	Noon 2 6	sheltly attended
	80 S		216 E	Lunars	6 p.m.	Do.
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Keane	From Sunset	to Sunrise
...	8	...	10	Harland	...	...
...	10	...	12	Ritchie	...	...
...	12	...	2	Brooks	...	...
...	2	...	4	Lurgan	...	...
...	4	...	6	Cadbury	...	...
...		...			...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thurs day, the 4th of Feb. 1889.
1	1	4	S&W-SbW	NNE.					4 AM. Light airs & steady rain
2	1	4	—	—					Wore ship to the Eastward.
3	1		—	—					
4	1		—	—					
5	1	4	E by S	—					8. do wind & Hob. with thick
6	1	4	—	—					fog & light rain from NE
7	1	4	—	—					
8	1	4	—	—					
9	1	4	SbE-ESE.	NbE-N					
10	1	4	—	—			29.62	63	Noon. do do
11	1	4	—	—					Set Three Top gallant sails
12	1	4	—	—					
1	1		SE½E	NE.					4 PM. Light airs & calms with
2	1		—	—					heads rain
3	1	4	—	—					
4	1	4	—	—					
5	0		Calm	—					4 do wind & Hob. Wore ship on
6	0		—	—					Starboard tack.
7	1		SbW.	NNE.					
8	1		—	—			29.80	63	Midnight do wind with thick
9	1	4	NNW-NbE	—					fog & heavy swell from SE.
10	1	4	—	—					
11	0		Calm	—					Crew variously employed.
12	0		—	—					

One case of Bottled ale taken from cargo for passengers per Blair Mellis No 451.

Distance per Log — Variation 13 E

COURSE	N 37 W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	24		Acct. 45 03S		Acct. 154. 24	6 a.m. 3	Pumps light Cook
Departure	14 E		Obs.		Chron.	Noon	strictly attended
		19 N		20 W.	Lunars	6 p.m. 3	Doo.
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Harland	From Sunset	to Sunrise
...	8	...	10	Davis	...	...
...	10	...	12	Deane	...	...
...	12	...	2	Butcher	...	...
...	2	...	4	Cadbury	...	...
...	4	...	6	Procter	...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Fri day, the 8th of Feb. 1889
1	2		NbW	South					4 AM. Light airs attended by heavy
2	2		—	—					rain & swell.
3	3	4	—	—					
4	3	4	—	—					8. do do
5	4		—	—					
6	4		—	—					
7	4		—	SbW					
8	4		—	—					Noon. Increasing breeze with shady
9	4	4	—	—					rain Set the Royals.
10	4	4	—	—					
11	4	4	—	—			29.92	62	4 PM. plain sail set
12	4	4	—	—					
1	4	4	NbW-WbW.	SE.					4 PM. Moderate breeze with
2	4	4	—	—					shady rain
3	4	4	NbW-WbW.	—					
4	4	4	—	—					
5	8	4	—	—					8. do wind & Hob.
6	8	4	—	—					Handed. Fore main & Mizen royal
7	6	4	—	—					Main Topgallant staysail
8	6	4	—	—					
9	4	4	—	—			29.98	63	Midnight do do
10	4	4	—	—					
11	4		—	—					Crew variously employed:
12	4		—	—					Tradesmen at their trades.

One case Whiskey taken from cargo for passengers per Mountain Lass No 124

Distance per Log — Variation 13 E

COURSE	N 74 W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	48		Acct. 44 42S		Acct. 155 29E	6 a.m. 3	Pumps light Cook
Departure	44 W		Obs.		Chron.	Noon	strictly attended do
		2 S		62 W	Lunars	6 p.m. 3	
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Harland	From Sunset	to Sunrise
...	8	...	10	Butcher	...	...
...	10	...	12	Cadbury	...	...
...	12	...	2	Davis	...	...
...	2	...	4	Deane	...	...
...	4	...	6	Procter	...	...
...		...			...	...

LOG of the 'Eulerpe' from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 9th of Feb. 1889.
1	7	4	SEbyS½S.	S2e.					4 AM Moderate breeze & overcast
2	7	4	—	—					Lohr
3	7	4	—	—					
4	7	4	—	—					
5	10			—					8" do do
6	10		—	—					
7	4		ESE	—					
8	4		—	—					
9	8		—	—			29	68	65 Noon Pleasant breeze & fine
10	8		—	—					
11	8	4	—	—					All plain rail set
12	8	4	—	—					
1	7		ESE	—					4 PM Moderate breeze & fine
2	7		—	—					
3	7		—	—					
4	7		—	—					8 do Wind & Hazy
5	6		—	—					Lohr
6	6		—	—					
7	7		NE½E	—					
8	7		—	—			30	00	65 Midnight do Wind & Hazy
9	6		—	—					
10	6		—						Crew variously employed
11	6	4	EbyS½S.	S2e					
12	6	4	—	—					Trades new at their trades

Distance per Log — Variation 14° E

COURSE	S 29° E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	180		Acct. 43. 38S		Acct. 159. 29E	6 a.m. 3	Pumps lights Cook
Departure	168 E		Obs. 42 - 37S		Chron.	Noon	& Wells attended
		4 45 S.		2345 E	Lunars	6 p.m. 3	Doo.
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Hallamph	From Sunset	to Sunrise
...	8	...	10	Harbhorn	...	...
...	10	...	12	Brake	...	...
...	12	...	2	Butcher	...	...
...	2	...	4	Cedilen	...	...
...	4	...	6	Wheelan	...	...
...		...			...	...

LOG of the 'Eulerpe' from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 10th of Feb. 1889.
1	6		EbyS½S.	S2eyS.					4 AM Moderate breeze & fine
2	6		—	—					
3	6		EbyS.	—					
4	6		—	—					8" do do
5	5	4	—	—					
6	5	4	—	—					
7	3	4	EbyS½S.	ESE.					
8	3	4	—	—					
9	4	4	ENE.	SE.			30	00	56 Noon Light winds & fine clear Wbr
10	4	4	—	—					
11	4	4	—	—					
12	4	4	—	—					All plain rail set
1	4		EbyN½N.	SSE.	3				4 PM Moderate breeze & cloudy Wbr
2	4		—	—	—				
3	4		—	—	—				
4	4		—	—	—				
5	9		—	—	—				8 Increasing wind & cloudy
6	9		—	—	—				Handed light rails
7	8	4	EbyN½N	—	—				
8	8	4	—	—	—				
9	10		—	—	—		29	89	65 M Fresh increasing breeze with
10	10		—	—	—				light rain Handed Fore & Main Topsl
11	10		—	—	—				rails
12	10		—	—	—				No work done at being the Sabbath

Distance per Log — Variation 14° E.

COURSE	N 42° E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	138		Acct. 41 - 53S		Acct. 162. 26E	6 a.m. 3	Pumps lights Cook &
Departure	132 E		Obs. 41 - 51S		Chron.	Noon	Wells attended Doo
		4 2 N.		1774 E	Lunars	6 p.m. 3	
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Harbhorn	From Sunset	to Sunrise
...	8	...	10	Halland	...	...
...	10	...	12	Butcher	...	...
...	12	...	2	Brake	...	...
...	2	...	4	Wheelan	...	...
...	4	...	6	Cedilen	...	...
...		...			...	...

LOG of the 'Enterpe' from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Noon day, the 11th of Feb. 1889
1	9	4	E by N ½ N	S by E	3				4 AM Fresh breeze & cloudy
2	9	4	—	—	—				Shortened Main Topgallant sail
3	9		—	—	—				& crossjack
4	9		—	—	—				
5	11		E by N ½ N	S by E					8h do do
6	11		—	—	—				
7	11		—	—	—				
8	11		—	—	—				
9	11		E by N ½ N	—	—				10h Increasing breeze & cloudy Wore
10	11		—	—	—				Set Main Topgallantsails & Main
11	11	4	—	—	—		30·16	64	Royal.
12	11	4	—	—	—				Noon. Moderating & fine
1	10	4	E ½ N	S by W					4 PM Brisk breeze & cloudy
2	10	4	—	—					
3	10	4	—	—					
4	10	4	—	—					8h do Wind & Wr.
5	10	4	—	—					
6	10	4	—	—					
7	10	4	—	—					
8	10	4	—	—			30·16	64	Midnight Increasing breeze &
9	10		—	—					cloudy.
10	10		—	—					
11	10		—	—					Crew employed as yesterday
12	10		—	—					Gradually at their Quarters.

Distance per Log — Variation 15° E

COURSE N 78° E	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 211		Acct. 40° 60' S		Acct. 167° 00' E	6 a.m. 3	Pleasant light breeze
Departure 207 E		Obs. 40° 60' S		Chron.	Noon	& cloudy Weather
	55 S		274 E	Lunars	6 p.m. 3	Steadily attended
					Midnt.	to.

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Butcher	From Sunset	to Sunrise
...	8	...	10	Lugan	...	...
...	10	...	12	Harkhouse	...	...
...	12	...	2	Cadibury	...	...
...	2	...	4	Ewen	...	...
...	4	...	6	Brake	...	...
...		...			...	...

LOG of the 'Enterpe' from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sun day, the 12th of Feb. 1889
1	8	4	E by N ½ N	S by W					4 AM Moderate breeze & fine
2	8	4	—	—					clear Weather
3	8	4	—	—					
4	8	4	—	—					
5	8		—	—					8h do do
6	8		—	—					
7	8		E by N ½ N	W by S					
8	8		—	—					
9	9		—	—			30·05	65	Noon. Pleasant breeze & cloudy
10	9		—	—					Weather
11	9		—	—					
12	9		—	—					All plain sail set
1	9		E by N ½ N	—					4 PM Moderate breeze & fine
2	9		—	—					clear Weather
3	9	4	—	—					
4	9	4	—	—					
5	9	4	—	—					8h do do
6	9	4	—	—					9-30. Light Lanewell light bearing
7	10		—	—					S by E Ships Head. E by S distt
8	10		—	—					19 Miles
9	10		S by E	—			30·00	66	Midnight Moderate Wind
10	10		—	—					& fine
11	10		—	—					Crew employed painting ship a
12	10		—	—					& getting Chain Cable on deck &

Distance per Log — Variation 15° E

COURSE N 88° E	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 226		Acct. 40° 32' S		Acct. 171° 59' E	6 a.m. 3	Pumps Lights & boat
Departure 225 E		Obs. 40° 26' S		Chron.	Noon	steadily attended
	18 S		299 E	Lunars	6 p.m. 3	Do.
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Procter	From Sunset	to Sunrise
...	8	...	10	Harland	...	...
...	10	...	12	Butcher	...	...
...	12	...	2	Lugan	...	...
...	2	...	4	Harkhouse	...	...
...	4	...	6	Cadibury	...	...
...		...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 13th of Feb 1889
1	4		East	West	3-40 Ath	Spit-			4 AM Light breze & fine —
2	4		—	—	hill Cove West.				
3	4		—	—	Dist. 15 Miles				
4	4		—	—					8° Moderate breze & fine wth
5	6		E G S ½ S	—	8-30 Stephens				8° Abreast of Stephens Island
6	6		—	—	Island to G S ½ S				Wind Hauled suddenly to
7	6		—	—	Ships Head S ½ E				S E & blowing to a fresh gale
8	6		—	—	Dist 8 Miles				got ship under Courst & sea
9	3		E G S ½ S to S E						& fore topmast stay sail, ship
10	3		—	—					taken large quantities of wa
11	4	4	E G S	—					ow board & labouring heavi
12	4	4	—	—					to noon fresh gale & overcast
1	1	4	E G S	S E					4 P.M. Gale Moderating with
2		4	—	—					cloudy wth Hove ships to Stb
3	1	4	S S E	—					Set Low & Main reefed Topsails
4	1	4	—	—					
5	2	4	S ½ E	E S E					8° Ds Wind & Wk Stephens Island
6	2	4	—	—					bore S S W ships head E G S
7	1		S ½ E	—					
8	1		E G S	—		29 90	63		Midnight Increasing Breze & fine
9	2		E ½ S	—					Set Foresail Mainsail & Trisail Topsail
10	2		—	—					
11	2		—	—					Crew employed working ships
12	2		—	—					

Distance per Log — Variation 15E

COURSE S 75 E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 21		Acct 40 36S		Acct 174 28	6 a.m. 4	Pumps lights looked
Departure Stephens Island		Obs.		Chron.	Noon	after ship attended
				Lunars	6 p.m. 4	to
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Butcher	From Sunset	to Sunrise
... 8	... 10		Deane	...	...
... 10	... 12		Brooke	...	...
... 12	... 2		Cadelines	...	...
... 2	... 4		Gunn	...	...
... 4	... 6		Surgeon	...	...
...	...			...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 14th of Feb 1889
1	2		East	Var					4 AM. Increasing breze & fine
2	2		—	—					clear wbr set Mizn T'gallant
3	1	4	S ½ E	—					sails Hove ships to Stb
4	1	4	—	—					
5	3		S E ½ E	—					8° Light winds & fine
6	3		—	—					
7	2		—	—					
8	2		—	—					
9	1		S E ½ S	—					10° Stephens Island bore
10	1		—	—					S ½ E Ships Head S E ½ E
11	3	4	S E ½ E	—			29 96	63	Hove Moderate breze & fine
12	3	4	—	—					Mde plain sail &c.
1	8		S E ½ E	N E					2. P.M. Abeast the Brothers bearing
2	8		—	—					Stb. B.S. ships head S E ½ E.
3	8		—	—					4° Increasing breze & overcast wbr
4	8		—	—					
5	8		Working up Books &c						
6	8		—						
7	8								8° Came to an anchor off Pencarrow
8	10.								Light in 22 fathoms with to Kts
9									on Starboard anchor which did
10									not hold. let go Port anchor
11									with 45 fathoms chain Furled
12			Set anchor Watch consisting of						sails & cleared the decks up
			Pencarrow light bore N ½ E. Cape Lambton W ½ S						one AB Boy & Officer

Distance per Log — Harrow Head Variation 15E

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE Mod & fresh gales & fine clear wthr		Acct.		Acct 174 13E	6 a.m. 3	Anchor light shewing
Departure Position at Noon.		Obs. 40. 41S		Chron.	Noon	after dark &c
				Lunars	6 p.m. 3	
					Midnt.	

ON THE LOOK OUT.		MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	to		From	to
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the "Euterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Friday, the 13th of Feb. 1889.
1									
2			Begins with strong S.S.W. breeze & squally & overcast sky
3			& P.M. Weather moderating hove up the port anchor.
4			
5			9ª Wind freshening & cloudy. Set anchor watch.
6			Mr Watling Pilot came on board & took charge
7			Crew employed sending down royal yards etc.
8			
9			Bar. 30.10. Ther. 64.
10			
11			
12			
			Saturday 14th February 1889.
1			
2			
3			9 A.M. Wind moderating hove up Starboard anchor.
4			set sail & worked ship up to the entrance of harbour
5			Wind again freshening gradually towards 4 P.M. brought
6			ship to & an anchor to the Southwards of Pencarrow Light
7			in 4 fathoms with 45 fathoms cable on. Starboard anchor
8			Pencarrow light bearing S.½E.
9			Wind N.N.W. & squally throughout the 24 hours.
10			8P.M. Set anchor watch.
11			
12			

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT.		MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	to		From	to
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
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LOG of the "Euterpe" from Lying off towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 17th of Feb. 1889.
1									
2			9 A.M. Hove up Starboard anchor set sail working ship
3			into Wellington Harbour proceeded as far as the narrows
4			when wind again freshened
5			12h had to beat back and anchored to the Southwards
6			of Pencarrow Light bearing S by E. in 17 fathoms with
7			45 fms on Starboard anchor.
8			4 P.M. Strong winds from S.W. gave ship more chain
9			making 60 fathoms.
10			8ª the S.W. gale & squally passed out chain making 75 fms
11			Set anchor watch. Saw HB boy & Office
12			Midnight Wind still increasing Overcast lowr.
			Bar. 30.18. Ther. 64.
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT.		MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	to		From	to
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LOG of the "Enterpe" ~~from~~ Lying at ~~towards~~ Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 18th of Feb 1889.
1									
2		1	A.M.	Wind Calm suddenly light & sprang up from					
3				S.E. with cloudy overcast. slipped starboard					
4				anchor & took chain for the safety of ship &					
5				passengers. Set fore & main topsail & proceeded					
6				into Wellington Harbour.					
7		4"		Anchored. in 5fm. at the powder ground with					
8				45 fms. on Port anchor. furled sail & set anchor					
9				watch. consisting of the same hands as on the pre-					
10				vious night.					
11				Wind freshening & cloudy.					
12		8"		Proceeded to discharge powder consisting of 12.33					
				packages. into Barge "Speck"					
1									
2		8"	P.M.	Light breeze & fine Set anchor watch. Davis A.B.					
3				Henry watchman. Bar 30.50 Ther. 66.					
4									
5									
6									
7									
8									
9									
10									
11									
12									

Gt Rae
William Hulling
Pilot

Distance per Log

Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT.		MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	to		From	to
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LOG of the "Enterpe" from London towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tues day, the 19th of Feb 1889.
1									
2			5 AM.	Hove short.					
3			6.30.	Hove up. port anchor & proceeded to berth					
4				ship at Lucas wharf. & moored ship with starboard					
5				cable forward & aft. with two chain springs					
6				Crew employed rigging cargo gear & unbending					
7				sails &c. Charles night watchman.					
8				Light breeze & fine throughout the day.					
9				Bar 30.28 Ther. 66.					
10									
11									
12									
									Wednesday February 20th 1889.
1									
2									
3				Begins with strong N.W. wind squally with heavy rain					
4				Crew employed discharging cargo Landed 30 Bales					
5				447 cases. 12 Bundles. 33 Bales. &c.					
6									
7				Latter part Light N.W. wind & fine Davis A.B. Watchman					
8				Bar. 30.05. Ther. 72.					
9									
10									
11									
12									

Distance per Log

Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT.		MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	to		From	to
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LOG of the "Enterpe" from Lying at towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 21st of Feb 1889.
1									
2			First part Light breze from SEs & fine						
3									
4			Latter part Calms with hot sulky wh.						
5									
6			Discharged 652 Packages of Cargo Davis AB Watchman						
7									
8			Crew employed discharging cargo & pending rails &c						
9			Bar 30.26. Ther 66. Davis AB Watchman						
10									
11									
12									
									Friday February 22nd 1889.
1									
2									
3			Light airs & Calms with hot sulky wh.						
4			Crew variously employed.						
5			Discharged 2388 Packages of cargo. Davis AB Watchman						
6			Bar 30.30 Ther 76.						
7									
8									Saturday February 23rd 1889.
9									
10			Strong breze from NW & fine throughout the day						
11									
12			Crew variously employed Four AB's being at the cay						
			Bar 30.28 Ther 69 Davis AB Watchman						

Distance per Log Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT.		MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	to		From	to
...	...		...	...
...	...		...	...
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LOG of the "Enterpe" from Lying at towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 24th of Feb 1889.
1									
2			Moderate breze from NW & fine the first						
3			2 hours Latter part light breze & sulky wh.						
4			Davis AB Watchman						
5			Bar 30.20 Ther 66.						
6									
7									Monday 25 February 1889.
8									
9			Strong NW winds throughout the 24 hours.						
10			with rain at intervals.						
11			Discharged 1469 Pkgs cargo.						
12			Crew employed discharging cargo & scrubbing ship						
			outside Bar 30.10 Ther 68. Davis AB Watchman						
1									
2									Tuesday February 26th 1889.
3									
4			Light breze from NW with hot sulky wh.						
5			Discharged 2453 Pkgs cargo.						
6			Crew employed Painting ship outside & discharging						
7			cargo. Bar 30.20 Ther 76. Davis AB Watchman						
8									
9									Wednesday 27th 1889.
10			Light airs & calms & hot sulky wh throughout						
11			Discharged 1263 Pkgs cargo.						
12			Crew employed discharging cargo & painting outside						
			Bar 30.05 Ther 72. Davis AB Watchman						

Distance per Log Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	Noon	
Departure		Obs.		Chron.	6 p.m.	
				Lunars	Midnt.	

ON THE LOOK OUT.		MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	to		From	to
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

Thursday 28th Feb 1889.

Strong NW wind & squally with overcast wh throughout.

Discharged 1535 Pkgs cargo.

Crew employed as yesterday.

Bar 30.30 Ther 71.

Davis AB Watchman

LOG of the "Enterpe" from Lyung at ~~towards~~ Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tuesday, the 1st of March 1889.
1									
2									First part Strong breeze from NW. falling light during the day
3									Latter part Light breeze from SE. with heavy rain
4									Discharged 539 Packages cargo
5									Crew employed discharging cargo & mooring ship
6									Bar 30.36 Ther 69. Jas Davies AB Watchman.
7									Saturday March 2nd 1889.
8									
9									Light SE wind & fine throughout the twenty four hours
10									Discharged 235 Pkgs. cargo
11									Crew employed discharging cargo & taking in Ballast
12									Bar. 30.30 Ther 67. Jas Davies AB Watchman.
1									Sunday March 3rd 1889
2									Light SE breeze & fine throughout. Jas Davies AB Watchman
3									Bar 30.30 Ther 66.
4									
5									Monday March 4th 1889.
6									
7									Strong NW. wind & cloudy the first twelve hours
8									Moderate breeze with heavy rain the latter part
9									Took in 100 tons Ballast. Jas Davies AB. Watchman.
10									Bar. 30.26. Ther 66.
11									
12									

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES. Sunday 3rd March 1889.	SIDE LIGHTS HUNG OUT. From	to
...	...	Light breeze from SE & fine throughout the twenty four.	...	...
...	...	Discharged 1092 Pkgs of cargo & took in 96 tons of Ballast.	...	...
...	...	Crew employed. Taking in ballast & discharging cargo.	...	...
...	...	Jas Davies AB Watchman.	...	...
...	...	Bar 30.34 Ther 66.	...	...
...	...		...	...
...	...		...	...

LOG of the "Enterpe" from Lyung at ~~towards~~ Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 6th of March 1889.
1									
2									Moderate breeze & fine throughout
3									Discharged 256 Packages of cargo. Took in 64 tons
4									ballast.
5									Crew employed taking in Ballast & discharging cargo.
6									C Davies AB Watchman.
7									Bar. 30.30. Ther 69.
8									
9									Thursday March 7th 1889.
10									
11									First part Moderate breeze from NW.
12									Latter part Strong NW. wind & fine
									Discharged 568 Packages of cargo
									Maud SS. Brought Anchor & 60 fathoms cable alongside
1									which was slipped on 18th Feb off Pencarrow Light
2									Crew employed discharging cargo & taking in Starboard
3									Anchor. Etc C Davis Watchman.
4									
5									Bar 30.28. Ther 71.
6									
7									Friday March 8th 1889.
8									
9									Strong NW wind & overcast Increasing towards
10									the latter part of the day with fierce squalls
11									& light rain Put out extra mooring
12									Crew employed discharging cargo & taking ballast
									Discharged 256 Pkgs of cargo. Took in 20 tons ballast.
									Bar 29.10 Ther 69.

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES. Saturday 9th March 1889.	SIDE LIGHTS HUNG OUT. From	to
...	...	Strong gale from NW with fierce squalls & rain	...	...
...	...	the first 12 hours. towards the end of the day moderate	...	...
...	...	& fine	...	...
...	...	Crew employed mooring ship & trimming ballast etc	...	...
...	...	Bar 29.80. Ther 68.	...	...
...	...		...	...
...	...		...	...

LOG of the "Euterpe" ~~from~~ Lying at ~~towards~~ Wellington

HOURS	K.	F.	COURSES	WINDS	Lee Way	Deviation	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 12th of March 1889.
1									
2			Light unsteady breeze & fine throughout the whole
3			of the twenty four hours.
4			C Davis AB Watchman.
5			Bar. 30.20. Ther. 69.
6			
7			Monday March 18th 1889.
8			
9			Moderate breeze from NW & fine throughout-
10			Crew employed. stowing dunnage. wood & clearing up
11			lower hold. C. Davis Watchman.
12			Bar. 30.28. Ther. 69.
1			
2			Tuesday March 12th 1899
3			
4			Light part Moderate & fine
5			Latter part Increasing breeze & overcast wh
6			Crew employed as yesterday. C. Davis Watchman.
7			Bar. 30.10. Ther. 69.
8			
9			Wednesday March 13th 1899.
10			Moderate Northerly wind & fine throughout-
11			Crew employed shifting ship &c. C Davis Watchman
12			Bar 30. Ther. 68.

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Distance per Log. Inches in the Wells.	Variation. Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
...	...	Thursday March 14th 1889.	...	...
...	...	Light variable breeze & fine throughout- the whole of	...	...
...	...	the day.	...	...
...	...	Crew employed shipping chain cable & hooker. out-	...	...
...	...	C Davis AB Watchman.	...	...
...	...	Bar. 30.38. Ther. 63.	...	...

LOG of the "Euterpe" ~~from~~ Lying at ~~towards~~ Wellington

HOURS	K.	F.	COURSES	WINDS	Lee Way	Deviation	Bar.	Ther.	OCCURRENCES and REMARKS. Friday, the 15th of March 1889.
1									
2			Fresh NE wind throughout the twenty four hours.
3			Crew employed. taking chain Cable.
4			Sailmaker repairing heavy weather sails Carpenter
5			overhauling hatches. of chain cable.
6			C Davis Watchman Bar. 30.20 Ther. 64.
7			
8			Saturday March 16th 1889.
9			
10			Moderate NW wind & fine throughout Crew employed
11			taking chain cable & scrubbing decks
12			Tradesmen at their trades. C Davis Watchman.
			Bar. 30.28. Ther. 69.
1			
2			Sunday 17th March 1889.
3			
4			Light breeze from NW. & fine the whole of the day.
5			No work done it being Sunday. C Davis Watchman.
6			Bar. 30.29. Ther. 68.
7			
8			Monday 18th March 1889.
9			Moderate breeze from NE & fine throughout-
10			Crew employed painting mark yards.
11			Tradesmen at their trades. Bar. 30.28. Ther. 69.
12			

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Distance per Log. Inches in the Wells.	Variation. Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
...	...	Tuesday March 19th 1889.	...	...
...	...	Light NW wind & fine	...	...
...	...	Crew employed as on the previous day.	...	...
...	...	Tradesmen at their trades Ship AB. Watchman	...	...
...	...	Bar. 30.32. Ther. 68.	...	...
...	...		...	...

LOG of the "Euterpe" from Lying at ~~towards~~ Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 20th of March 1889.
1									
2			Strong NW. wind suddenly changing round to SE.						
3			with heavy rain towards the end of the day						
4			Crew chipping between deck Lurgan AB Watchman						
5			Bar. 30.08 Ther. 64.						
6									Thursday March 21st 1889.
7									
8			Calm. Overcast wh. throughout						
9			Crew variously employed Lurgan AB Watchman						
10			Bar. 30.20. Ther. 46.						
11									
12									
1									Friday March 22nd 1889.
2									
3			Begins with strong NE wind & overcast towards the						
4			end of the day. carrying brake & rain						
5			Crew employed chipping between decks Lurgan AB Watch						
6			Bar. 29.80 Ther. 68.						
7									
8									Saturday March 23rd 1889
9									
10			Moderate breeze from NW. with heavy rain during						
11			the middle of the day.						
12			Crew employed chipping ship inside Lurgan AB Watchm						
			Bar 29.40 Ther. 62.						

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
		Sunday March 24th 1889.		
		Begins with strong NE wind & heavy rain to clearing up		
		& fine the latter part of the day		
		Crew employed painting Between decks & chipping bow		
		hold etc Lurgan AB Watchman		
		Bar 29.90. Ther. 64.		

LOG of the "Euterpe" from Lying at ~~towards~~ Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Mon. day, the 25th of March 1889.
1									
2			Moderate SE wind & rain clearing up at intervals						
3			during the day. Crew employed painting between						
4			decks & chipping lower hold. Took in 10 Casks Tallow						
5			James Bonner Railmaker absent from duty having been						
6			in Jail for drunkenness. Procter AB Watchman						
7			Bar. 29.60 Ther. 58.						
8									Tuesday March 26th 1889.
9									
10			Fresh SE wind with steady rain throughout the						
11			whole of the 24 hours. Crew employed as yesterday						
12			James Bonner still absent from duty. Procter AB						
			Watchman Bar. 30.10. Ther. 54.						
1									
2									Wednesday March 27th 89.
3									
4			Moderate SE breeze Overcast throughout						
5			Took in 40 Bales Wool 43 casks tallow.						
6			James Bonner railmaker returned to duty this						
7			morning Crew employed as before. Procter AB.						
8			watchman Bar 30.18. Ther. 57.						
9									
10									Thursday March 28th 1889.
11			Light SE wind & fine throughout the 24 hours.						
12			Took in 60 Bales of wool. Crew employed as before.						
			Procter AB watchman Bar 30.40 Ther. 56.						

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
		Friday March 29th 89.		
		First part Calm breeze springing from SE. towards		
		the latter part Fine throughout Crew		
		employed painting & chipping ship below.		
		Took in 14 Bales wool & 10 Bales Flax		
		Procter AB Watchman		
		Bar. 30.42. Ther. 59.		

LOG of the Enterpe from Lying at towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 30th of March 1889
1									
2				Light NE wind & fine throughout the 24 hours.					
3				Crew variously employed & took in 20 casks pelts					
4				2 casks tallow & 20 Bales flax Peter AB watchman					
5				Bar. 30.64 Ther. 62.					
6									Sunday Mar. 31st 1889.
7									
8				Light airs from NE & fine throughout the whole of the					
9				day. Peter AB. watchman. Bar. 30.60. Ther. 62.					
10									
11									Monday April 1st 1889.
12									
1				Light variable airs & fine throughout. Took in					
2				66 Bales flax. Crew chipping lower hold. Peter AB. wat					
3				Bar. 30.60. Ther 62.					
4									
5									Tuesday April 2nd 1889.
6									
7				Calm & fine the whole of the twenty four hours Crew					
8				employed. Taking in Cargo & chipping lower hold.					
9				Took in 113 bales wool. 20 Casks tallow. 32 bales flax.					
10				Peters AB watchman Bar. 30.32. Ther. 64.					
11									
12									

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES. Wednesday April 3rd 1889.	SIDE LIGHTS HUNG OUT. From	to
...	...	Calm & fine throughout the day. Crew employ	...	...
...	...	Chipping lower hold etc. Took in 36 Bales wool	...	...
...	...	Peters AB watchman. Bar. 30.16. Ther. 64.	...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the Enterpe from Lying at towards Welington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 4th of April 1889.
1									
2				Moderate breze from SE. Overcast Took in 184 Casks Tallow					
3				136 Bales Flax 25 Casks Pelts. Crew employed taking					
4				in cargo. Peters AB watchman. Bar. 30.34. Ther. 61.					
5									
6									Friday April 5th 1889.
7									
8				Moderate SE. wind & fine clear weather throughout					
9				Crew employed taking in cargo. Took in 270 Bales					
10				flax 10 Casks Tallow. Peters AB. watchman.					
11				Bar. 30.44. Ther. 58.					
12									
1									Saturday April 6th 1889.
2									
3				Moderate & fine Crew employed taking in					
4				cargo. Took in 10 Bales wool. Peters AB watchman.					
5				Bar. 30.48. Ther. 62.					
6									Sunday April 7th 1889.
7									
8				Light breze from NE. fine Peters AB watchman.					
9				Bar. 30.50. Ther. 64.					
10									
11									
12									

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES. Monday April 8th 1889.	SIDE LIGHTS HUNG OUT. From	to
...	...	Fresh NE. wind & overcast throughout the day	...	...
...	...	Crew employed chipping lower hold	...	...
...	...	Took in 17 cask tallow. 4 bales wool. Peter AB watchm	...	...
...	...	Bar. 30.52. Ther. 62.	...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the *Euterpe* ~~from~~ *Lying at* ~~towards~~ *Wellington*

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. *Sunday, the 9th of April 1889.*
1									
2				*Moderate breeze from NW during twenty four*					
3				*hours. Crew employed as yesterday. Seaⁿ AB*					
4				*watchman. Bar. 30.50. Ther 52.*					
5									
6									*Wednesday April 10th 1889.*
7									
8				*Strong NW wind & squally with overcast wthr.*					
9				*Crew employed taking in cargo & chipping lower hold*					
10				*Took in 31 Cooks Sallow. Seaⁿ AB watchman.*					
11				*Bar. 30.40. Ther. 48.*					
12									
1									*Thursday April 11th 1889.*
2									
3				*Moderate breeze from NW attended by rain towards*					
4				*the latter part of the day Crew employed*					
5				*as before. Seaⁿ AB watchman. Bar. 30.30. Ther 45.*					
6									
7									*Friday April 12th 1889.*
8									
9				*Moderate & fine throughout. Crew employed*					
10				*chipping lower hold. Seaⁿ AB watchman.*					
11				*Bar. 30.10. Ther. 52.*					
12									

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon ...	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS BURNT OUT. From	to
...	...	*Saturday April 13th 1889.*	...	...
...	...	*Fresh NE wind with heavy rain clearing up to-*	...	...
...	...	*wards the end of the day Crew employed as*	...	...
...	...	*yesterday. Seaⁿ AB watchman*	...	...
...	...	*Bar. 30.12. Ther 58.*	...	...
...	...		...	...
...	...		...	...

LOG of the "*Euterpe*" ~~from~~ *Lying at* ~~towards~~ *Wellington*

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. *Sunday, the 14th of April 1889.*
1									
2				*Moderate NW wind & fine throughout*					
3				*Seaⁿ AB watchman. Bar. 30.20 Ther 52.*					
4									
5									*Monday April 15th 1889.*
6									
7				*Light airs & calms with fine clear wthr the whole*					
8				*of the twenty four hours. Discharged 304 Bales Flax.*					
9				*into S.S. Rubis. Crew employed discharging cargo*					
10				*& chipping lower hold. Nelson AB watchman.*					
11				*Bar. 30.32. Ther. 64.*					
12									
1									*Tuesday April 16th 1889.*
2									
3				*Light airs & fine throughout Discharged 304*					
4				*Bales Flax into S.S. Rahui. Crew employed chipping*					
5				*lower hold & discharging flax. Nelson AB watchman.*					
6				*Bar. 30.30. Ther. 62.*					
7									
8									*Wednesday April 17th 1889.*
9									
10				*Light airs from North. fine to the close of the day.*					
11				*Crew employed chipping lower hold. Nelson AB.*					
12				*watchman. Bar. 30.38. Ther. 62.*					

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon ...	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS BURNT OUT. From	to
...	...	*Thursday April 18th 1889.*	...	...
...	...	*Moderate breeze from NW freshening towards*	...	...
...	...	*the latter part of the day with overcast wthr.*	...	...
...	...	*Crew employed as yesterday. Nelson AB.*	...	...
...	...	*watchman. Bar. 30.60. Ther. 60.*	...	...
...	...		...	...
...	...		...	...

LOG of the "Euterpe" ~~from~~ Lying at ~~towards~~ Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tuesday, the 19th of April 1889.
1									
2									Fresh NW. wind increasing & squally towards
3									night. No work done it being Good Friday
4									Neilson AB. watchman. Bar. 30.40. Ther. 62.
5									
6									Saturday April 20th 1889.
7									
8									Strong wind from NW. first part of the day
9									latter part Moderate & fine Crew employed chipp.
10									lower hold. Neilson AB. watchman.
11									Bar 30.10. Ther. 64
12									
1									Sunday April 21st 1889.
2									
3									Moderate SE wind & fine throughout the day.
4									Neilson AB. watchman. Bar. 30.14 Ther. 64.
5									
6									Monday April 22nd 1889
7									
8									Light SE breeze & fine the whole of the twenty
9									four hours Crew employed chipping lower hold &c
10									Brake AB. watchman. Bar. 30.20 Ther. 64.
11									
12									

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES. Tuesday April 23rd 1889.	SIDE LIGHTS HUNG OUT. From	to
...	...	Fresh SE wind & hazy during the first part	...	...
...	...	Moderate NW wind & overcast towards the	...	...
...	...	day. Butcher AB watchman.	Bar. 30.42. Ther. 68.	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the "Euterpe" ~~from~~ Lying at ~~towards~~ Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 24th of April 1889.
1									
2									Light NE breeze & fine throughout Crew employed
3									chipping hold & painting &c. Brake AB absent from
4									duty. When asked about turning too at 6 Am. said
5									he was going on the spree. Butcher AB. watchman.
6									Bar. 30.46. Ther. 59.
7									Thursday April 25th 1889
8									Moderate breeze from Northward increasing to a
9									fresh gale towards night Crew employed as yesterday
10									Butcher AB watchman Bar. 30.12. Ther. 60.
11									
12									Friday April 26th 1889.
1									Moderate Northerly wind throughout the day
2									Crew employed as before. Butcher AB. watchman.
3									Bar. 30.30. Ther. 62.
4									
5									Saturday April 27th 1889.
6									
7									Strong NW. wind & overcast throughout Crew employed
8									as previously Butcher AB watchman Bar 30.5 Ther. 66.
9									
10									Sunday April 28th 1889.
11									Light Northerly breeze & fine throughout
12									Butcher AB. Watchman Bar. 30.20. Ther. 66.

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES. Monday April 29th 1889.	SIDE LIGHTS HUNG OUT. From	to
...	...	Light Northerly wind & fine throughout the twenty	...	...
...	...	four hours Crew employed chipping lower hold & paint	...	...
...	...	ing &c. Ewen AB watchman. Bar 30.20 Ther. 62	...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the "Euterpe" ~~from~~ Lying at ~~towards~~ Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tues day, the 30th of April 1889-
1									Moderate NE inmd with steady rain throughout
2									Crew employed as yesterday Enem AB watchman
3									Bar. 30.16 Ther. 60.
4									
5									Wednesday May 1st 1889-
6									Fresh NE breeze & fine the whole of the
7									twenty four hours Crew employed as previously
8									described 9 Bales Wool Enem AB watchman
9									Bar. 30.14 Ther 58.
10									
11									Thursday May 2nd 1889
12									Moderate NE wind & fine throughout the day
1									Crew chipping lower hold Enem AB watchman
2									Bar. 30.21 Ther 62.
3									
4									Friday May 3rd 1889-
5									Moderate NE wind & fine Crew employed as yesterday
6									Enem AB watchman Bar. 30.22 Ther 64.
7									
8									Saturday May 4th 1889-
9									Moderate NE wind & fine the whole of the day
10									Crew employed painting lower hold
11									Enem AB watchman Bar. 30.31. Ther. 66.
12									

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
		Sunday May 5th 1889-		
		Fresh Northerly wind & fine	Bennett	U.S. watchman
		Bar. 30.30. Ther. 64.		
		Monday May 6th 1889-		
		Moderate Northerly wind & fine throughout Crew		
		employed sending two topgallantmasts down Enem.		
		6 S watchman Bar. 30.30 Ther. 64.		

LOG of the "Euterpe" ~~from~~ Lying at ~~towards~~ Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday day, the 1st of May 1889-
1									
2			Light NW wind & fine the whole of the day Crew
3			employed as yesterday Enem U.S. watchman
4			Bar. 30.26 Ther. 62.
5			
6			Wednesday May 8th 1889-
7			Fresh NW wind & overcast the whole of the
8			twenty four hours Crew employed painting rigging
9			&c. Enem U.S watchman Bar. 30.29 Ther 64.
10			
11			Thursday May 9th 1889-
12			Unsteady winds & rain throughout Crew
1			employed hunning topgallt &c. Enem U.S.
2			watchman Bar. 30. Ther &c.
3			
4			Friday May 10th 1889-
5			
6			Strong wind from SE with steady rain the whole
7			of the twenty four hours Crew employed hunning
8			Ballast &c. Enem U.S watchman Bar 30.06 Ther 58.
9			
10			Saturday May 11th 1889-
11			Fresh SE breeze with rain at intervals throughout
12			Crew employed as yesterday Enem U.S watchman
			Bar 30.14 Ther 58

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
		Sunday May 12th 1889-		
		Fresh SE wind with rain clearing up towards the		
		end of the day Enem U.S watchman		
		Bar. 30.10 Ther. 66.		

LOG of the "Enterpe" from Lying at towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS.
									Upon day, the 13th of May 1889
1			Moderate Northerly wind & fine throughout.						
2			Crew employed getting Ballast in.						
3			Lunch P.S. Yorkshman. Bar. 29.98. Ther. 56.						
4									
5									Tuesday May 14th 1889 -
6									
7			Light airs & fine the whole of the day.						
8			Crew employed sending up the Topgallant mast						
9			Lunch P.S watchman. Bar. 29.70 Ther. 52.						
10									
11									Wednesday May 15th 1889 -
12									
			Strong NE. wind with clear wht throughout. Crew						
1			employed setting up Rigging discharged 299 Casks						
2			Tallow into Barque "Alaska" Lunch P.S. watchman.						
3			Bar. 30.06 Ther. 64.						
4									
5									Thursday May 16th 1889 -
6									
7			Moderate wind from NE & fine the whole of the twenty						
8			four hours. Crew employed getting up Head gear.						
9			Lunch P.S. watchman. Bar. 12. Ther. 50.						
10									
11									Friday May 17th 1889 -
12									

Distance per Log Variation

COURSE ..... Diff. Lat. LATITUDE. Diff. Long. LONGITUDE. Inches in the Wells. Bearing and Distance at Noon.

DISTANCE .....

Departure .....

Acct. Chron. Lunars 6 a.m. Noon 6 p.m. Midnt.

Strong NE. wind with rain at intervals during the day Crew variously employed. Lunch P.S. Watch Bar. 29.50 Ther. 52

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
		Saturday May 18th 1889 -		
		Light Northerly wind & fine throughout.		
		Discharged 640 Bales Wool. Crew variously		
		employed. Lunch P.S. watchman Bar. 30.20 Ther.		

LOG of the "Enterpe" from Lying at towards Wellington

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS.
									Sun day, the 19th of May 1889
1									
2			Light variables airs & fine throughout.						
3			Lunch P.S. watchman. Bar. 30.20. Ther. 57.						
4									
5									Monday May 20th 1889 -
6									
7			Calm & fine the whole of the day took in						
8			137 tons Coal. Discharged 50 tons Ballast Crew						
9			employed discharging Ballast. Lunch P.S. watchman						
10			Bar. 30.04. Ther. 58.						
11									
12									Tuesday May 21st 1889 -
1			Light NE. wind & fine the whole of the 24 hours						
2			Took in 320 tons Coal. Discharged 9 tons Ballast						
3			Lunch P.S. watchman. Bar. 30.84 Ther. 54						
4									
5									Wednesday May 22nd 1889 -
6									
7			Light airs & fine throughout. Took in 150 tons Coal						
8			Discharged 84 tons Ballast Lunch P.S. watchman						
9			Bar. 30.64. Ther. 54.						
10									
11									Thursday May 23rd 1889 -
12									
			Moderate NE wind & fine Discharged 90 tons -						

Distance per Log Variation

COURSE ..... Diff. Lat. LATITUDE. Diff. Long. LONGITUDE. Inches in the Wells. Bearing and Distance at Noon.

DISTANCE .....

Departure .....

Acct. Chron. Lunars 6 a.m. Noon 6 p.m. Midnt.

~~Coal~~ Ballast Lunch P.S. watchman Bar. 30.44 Ther.

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
		Friday May 24th 1889 -		
		Light Northerly wind & fine throughout Took in 316 tons		
		Best Coal. Crew employed bending Sails &c. Lunch		
		P.S watchman. Bar. 30.42. Ther. 60.		

LOG of the Enterpe. ~~from~~ Lying at ~~towards~~ Wellington

HOURS	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thurs day, the 25th of May 1889 –
1									
2			Moderate Nlo. wind & fine the whole of the day
3			Took in 283 tons 8 cwt. coal. Crew employed getting
4			Sails bent & fashing spars &c. Quarn O.S. watchman
5			Ther. 30.38. Ther. 62.
6			Sunday May 26th 1889 –
7			
8			Moderate Nlo wind & fine throughout Quarn O.S.
9			watchman. Bar. 30.40. Ther. 60.
10			
11			Monday May 27th 1889 –
12			
1			Light variable airs & calms. Crew employed getting
2			Sails bent &c. Took in 134 tons 7 cwt coal. Quarn O.S
3			watchman. Bar. 30.42. Ther. 58. Goulding A.B. Nichol A.B. & Vallis A.B.
4			Jones A.B. joined to day – Tuesday May 28th 1889 –
5			
6			Light wind from N.E. & fine the whole of the 24 hours.
7			Crew employed Lashing spars & getting ready for sea
8			3 P.m. unmoored ship & proceed to steam in tow of
9			S.S. Manuka dropped starboard anchor with 45 fathoms cha
10			in 6 fathoms water. Mr. Ewen A.B. deserted at 1-30 P.m.
11			Quarn O.S. watchman. Bar. 30.43. Ther. 56.
12			

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron. / Lunars	Noon / 6 p.m. / Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.
		Wednesday May 29th 1889 –
		Moderate Nlo wind throughout. Crew
		variously employed.
		Quarn O.S. watchman. Bar. 30.40 Ther. 54.
		Walling A.B. joined
		Took in 84 tons 13 cwt coals which completed the loading
		drawing 21ft 9in forward 21 ft.
		Gft Rae Wales
		James Mowat Co

SIDE LIGHTS HUNG OUT. From ... to ...

LOG of the "Enterpe" ~~from~~ Lying at ~~towards~~ Wellington

HOURS	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thurs day, the 30th of May 1889 –
1									
2			Moderate. Nlo. wind & fine throughout. Crew variously
3			employed. Allow A.B. joined Quance O.S. watchman
4			Bar. 30.40 Ther. 56
5			Friday May 31st 1889 –
6			
7			5 A.M. Hove short. 7. Hove up. Starboard anchor & pro-
8			ceeded & sea in tow of S.S. "Manuka" q. 30. passed Pencarra
9			light 3-15 Abreast of Brothers. bearing S.S.W 3/4 S. Ship H.
10			Pilot Gft 9 1/2 Distt 12 Miles
11			
12			
1			
2			4. 35 P.m. Jackson Head. S.W. Distt. 8 Miles
3			Brothers S.S.E.
4			
5			
6			8. A.M. St Stephens Island. Lowe Lt.
7			Ships Head. W. by N. Distt. 8 Miles
8			Now where I take my departu
9	9	W 3/4 N.	S.E.						Mid. Moderate breeze & fine
10	9	—	—						Crew employed reeving
11	9	—	—						Anchor & chain &c.
12	9	—	—						

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m. 2 6	Lights pumps broken
Departure		Obs.		Chron. / Lunars	Noon / 6 p.m. – – / Midnt.	strictly attended &c.

ON THE LOOK OUT. From	to	MEN'S NAMES.
6	8	Nelson
8	10	Brake
10	12	Wallis
12	2	Edwards
2	4	Harland
4	6.	Logan

SIDE LIGHTS HUNG OUT. From Sunset to Sunrise

LOG of the *Euterpe* from *Wellington* towards *Port Pirie*

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. *Saturday*, the *1st* of *June* 1889
1	9		WbS½S.	SE.					4 AM Fresh breeze & fine
2	9		—	—					
3	9		—	—					
4	9		—	—					8" do wind & overcast wbe.
5	9		SSW.	"					
6	9		"	"					
7	9		"	"					
8	9		"	"					
9	9	4	WbS	East					
10	9	4	"	"			30.42	58.	Noon. do. do.
11	10		"	"					All necessary rail set.
12	10.		"	"					
1	16		SSW.	ESE.					4 PM Steady breeze & light rain
2	16		"	"					
3	13		"	"					
4	13		"	"					6 Increasing breeze & misty wbe
5	12		"	"					
6	12.		"	East					
7	.		Calm						
8	.		"						
9	.		"						Mid Mod breeze & cloudy
10	.		"						
11	.		"						
12	.		"						

Distance per Log — Variation

COURSE 288° W — Diff. Lat. — LATITUDE — Diff. Long. — LONGITUDE — Inches in the Wells — Bearing and Distance at Noon.

DISTANCE 157 — Departure 156.8 — Diff. Lat. 8 S — Acct. 40° 07 — Obs. 38° 00 — Diff. Long. 20 46 — Acct. 168° 34 E — Chron. 167° 52 E — Lunars — 6 a.m. 2 6 — Noon — 6 p.m. 2 6 — Midnt. — Pumps light & constantly attended to.

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Brake	From *Sunset*	to *Sunrise*
...	8	...	10	Robson	...	...
...	10	...	12	Edwards	...	...
...	12	...	2	Wallen	...	...
...	2	...	4	Logan	...	...
...	4	...	6	Haviland	...	...
...		...			...	...

LOG of the "*Euterpe*" from *Wellington* towards *Port Pirie*

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. *June* day, the *2nd* of *June* 1889
1	6		WSW.	East					
2	6		"	"					4 AM Steady breeze with rain
3	6		"	"					
4	6		"	"					
5	6		"	"					8" do do
6	6		"	"					
7	6		"	ESE.					
8	6		"	"					
9	6	4	"	"					
10	6	4	"	"					Noon. Mod breeze & fine
11	5		"	"			30.20	60.	All square rail set.
12	5.		"	"					
1	7		SbyW	SE.					4 PM. Increasing breeze & cloudy
2	7		"	"					
3	7	4	"	"					
4	7	4	"	"					
5	8		"	"					8. Moderate wind & fine
6	8		SbyW	"					"
7	8	4	"	"					
8	8	4	"	"					
9	7		"	"					Midnight. Steady breeze & overcast
10	7		"	"					Crew variously employed
11	7		"	"					Spademen keeping watch.
12	7		"	"					

Distance per Log — Variation 15°E

COURSE 288° W — Diff. Lat. — LATITUDE — Diff. Long. — LONGITUDE — Inches in the Wells — Bearing and Distance at Noon.

DISTANCE 157 — Departure 156.8 — Diff. Lat. 8 S — Acct. 40° 07 — Obs. 38° 01 — Diff. Long. 20 46 — Acct. 168° 34 E — Chron. 167° 52 E — Lunars — 6 a.m. 3 — Noon — 6 p.m. 3 — Midnt. — Pumps light & constantly attended to.

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Brake	From *Sunset*	to *Sunrise*
...	8	...	10	Robson	...	...
...	10	...	12	Edwards	...	...
...	12	...	2	Wallen	...	...
...	2	...	4	Logan	...	...
...	4	...	6	Haviland	...	...
...		...			...	...

LOG of the "Euterpe" from Wellington towards Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Mon day, the 3rd of June 1889
1	7		S to Sbo	S & o					4 AM. Moderate & fine
2	7		"	"					
3	7	4	"	"					
4	7	4	"	"					
5	8		"	"					8" Steady wind & cloudy lob.
6	8		"	"					
7	8		"	"					
8	8		"	"					
9	8	4	S to Sbo	"					
10	8	4	"	"			30.00	63.	Noon. Fresh breeze & squally All square sail set to the best advantage.
11									
12	9		"	"					
1	10		"	"					4 PM. Steady breeze & squally.
2	10		"	"					
3	10		"	"					
4	10		"	"					
5	10	4	S to Sbo	"					8. Freshening breeze & overcast lobs Inc. Mizen Top gallant sail & Spanr.
6	10	4	"	"					
7	10	4	"	"					
8	10	4	"	E & E.					
9	10	4	"	"					Midnight Showy breeze & squally with rain
10	10	4	"	"					
11	11		"	"					
12	11		"	"					

Course Obs S & S to Dist. 188 Miles — Distance per Log — Variation 15 E.

COURSE S 8½ E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 186		Acct. 39. 12S		Acct. 163. 54E	6 a.m. 2 6	Pumps 6th Lookout
Departure 184 E	17S	Obs. 39. 12S		Chron. 163. 57E	Noon ...	obtd by attended to
				Lunars	6 p.m. 2 6	
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.			
From	6	to	8	Robey	From	Sunset	to	Sunrise
...	8	...	10	Brake	...		...	
...	10	...	12	Walker	...		...	
...	12	...	2	Edwards	...		...	
...	2	...	4	Harland	...		...	
...	4	...	6	Logan	...		...	
...		...			...		...	

LOG of the "Euterpe" from Wellington towards Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tues day, the 4th of June 1889
1	10	4	S to Sbo	E S E.					4 AM. Increasing breeze & squally handed Main Royal & Fore Top gallant sail Set mizen Top & Main Top mast sail
2	10	4	"	"					
3	10	4	"	"					
4	10	4	"	"					
5	10		S to Sbo	"					
6	10		"	"					8 do do
7	10		"	"					
8	10		"	"					
9	10		"	"					
10	10		"	"			29.92	60.	Noon. Showy breeze & overcast lob.
11	10		"	"					
12	10		"	"					All prudent sail set.
1	9		"	"					4 PM. Fresh breeze & puffy. will overcast lob.
2	9		"	"					
3	8		"	"					
4	8		"	"					
5	8		"	"					8. Moderate breeze & showery lob.
6	8		"	"					
7	7	4	S to Sbo	E & E.					
8	7	4	"	"					
9	7	4	"	"			30.00	60.	Midnight do wind & light Rain Crew variously employed Spademen at their trades.
10	7	4	"	"					
11	6		"	"					
12	6		"	"					

Distance per Log — Variation 14 E

COURSE S 83½ E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 244		Acct. 39. 29S		Acct. 153. 37E	6 a.m. 2 6	Pumps 6th Lookout
Departure 241 E	28S	Obs.	31 4	Chron.	Noon ...	obtd by attended to
				Lunars	6 p.m. 2 6.	
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.			
From	6	to	8	Brake	From	Sunset	to	Sunrise
...	8	...	10	Robey	...		...	
...	10	...	12	Edwards	...		...	
...	12	...	2	Walker	...		...	
...	2	...	4	Logan	...		...	
...	4	...	6	Harland	...		...	
...		...			...		...	

LOG of the "Euterpe" from Wellington towards Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 5th of June 1889
1	5	4	SbyW½W	SE.					4 AM. Unsteady, winds & squally with rain. Handed fore T'gs'l. Lan'd sail & furled. Set gaff lan'd sail
2	5	4	"	"					
3	5	4	"	"					
4	5	4	"	"					
5	5	4	SbyW½W	"					
6	5	4	"	"					8 do do.
7	5	4	"	"					
8	5	4	"	"					
9	5	4	SbyW½W	"					
10	5	4	"	"			30.90	to.	Noon. Moderate breeze & fine. All plain sail set.
11	5	4	"	"					Butcher & Boyle off duty sick
12	5	4	"	"					
1	0		WSW	ESE					4 PM. Moderate breeze & fine
2	8		—	"					
3	7	4	—	"					
4	7	4	—	"					
5	8		—	"					8 do do.
6	8		—	"					
7	6		—	"					
8	6		"	"					
9	4	4	"	"					Midnight do do.
10	4	4	"	"					Crew variously employed.
11	5		"	"			30.94	64	Grademen at their trades.
12	5		"	"					

Distance per Log — Variation 13° E.

COURSE	S 82° E	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	153 miles		Acct. 39° 50' S		Acct. 155° 13' E	6 a.m. 3	Pumps light bottoms
Departure	136 miles	21' S	Obs. 39° 49' S	201' E	Chron. 154° 26' E	Noon	strictly attended to
					Lunars	6 p.m. 3	
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Nelson	From Sunset	to Sunrise
... 8	... 10		Brake	...	...
... 10	... 12		Logan	...	...
... 12	... 2		Edwards	...	...
... 2	... 4		Harland	...	...
... 4	... 6		Wallen	...	...
...	...			...	...

LOG of the "Euterpe" from Wellington towards Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 6th of June 1889
1	7	4	WSW	ESE.					4 AM. Moderate breeze & fine clear lobs.
2	7	4	"	"					
3	6		"	"					
4	6		"	"					
5	5		"	"					8 do do.
6	5		"	"					
7	5	4	WbyS.	South					
8	5	4	"	"					
9	4		WbyS.	SbyE.					
10	4		"	"			30.80	67	Noon. Light variable breeze & fine
11	4		"	"					All plain sail set
12	4		"	"					Butcher & Boyle off duty sick
1	2		SbyW½W	East					4 PM. Light airs & calms & fine clear lobs.
2	2		"	"					
3	2		"	"					
4	2		"	"					
5	1	4	"	"					8 do do.
6	1	4	"	"					
7	1	4	"	"					
8	1	4	"	"					
9	3	4	WbyS	NbyW			30.72	64	Midnight Increasing breeze. Overcast sky.
10	3	4	"	"					Crew variously employed.
11	3	4	"	"					
12	3	4	"	"					

Distance per Log — Variation 12° E.

COURSE	S 82° E	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	141 miles		Acct. 39° 42' S		Acct. 151° 21' E	6 a.m. 2 6	Pumps light bottoms
Departure	140 miles	17' S	Obs. 39° 30' S	183' E	Chron. 151° 28' E	Noon 1	strictly attended to
					Lunars	6 p.m. 2 6	
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Brake	From Sunset	to Sunrise
... 8	... 10		Edwards	...	...
... 10	... 12		Harland	...	...
... 12	... 2		Wallen	...	...
... 2	... 4		Logan	...	...
... 4	... 6		Clifford	...	...
...	...			...	...

LOG of the "Enterpe" from Wellington towards Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Fri day, the 6th of June 1889 -
1	4	4	WSW.	N.E.b.					4 A.M. Moderate breeze & cloudy
2	4	4	"	"					with heavy lightning to N.W.
3	4	4	"	"					Handed Topgallantsails & fore
4	4	4	"	"					staysails
5	4		"	both					
6	4		"	"					8. Moderate with rain reefed F.
7	4		"	"					& Main Topsails stowed Foresa
8	4		"	"					& mainsail
9	5		"	"					
10	5		"	"			30.39	61.	Noon Moderate breeze with ove
11	6		"	"					cast Set Topsails & Main Topg.
12	3.		SE.	S.E.b.					sail Watches & Boats off duty Fres
1	6		S.W.b.	E.S.E.					4 P.M. Fresh breeze & squally
2	6		"	"					
3	6		"	"					
4	6		"	"					
5	5		"	"					8. Strong wind with heavy squa
6	5		"	"					Hands Handed M.R. Topgallans
7	5		"	"					reefed Mizr Topsail spanker & jib
8	5		"	"					
9	8	South	"	"			29.50	60.	Midnight Fresh gale with fur
10	8		"	"					squalls & rain
11	8		"	"					Crew employed shortening sail
12	8.		"	"					

Distance per Log — Variation 12 E.

COURSE S.80E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 96		Acct. 39 · 30S		Acct. 149 · 19E	6 a.m. 2 6	Pumps lights looked
Departure 94.6 E.	15	Obs. 39 · 25S	100E	Chron. 150 · 16E	Noon ... 6.	after ship attended
				Lunars	6 p.m. 2 6.	
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.		
From 6	to 8		Harlayd	From Sunset	to	Sunrise
... 8	... 10		Brake	...	...	
... 10	... 12		Walker	...	...	
... 12	... 2		Clifford	...	...	
... 2	... 4		Walters	...	...	
... 4	... 6.		Logan	...	...	
...	...			...	...	

LOG of the "Enterpe" from Wellington towards Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sat day, the 7th of June 1889 -
1	5		South.	W.S.W.					4 A.M. Strong gale & overcast lot.
2	5		"	"					
3	4		S.½E.	"					
4	4								
5	4	4	S.½E.	"					8. Gale moderating set jib
6	4	4	"	"					& spanker.
7	4	4	"	"					
8	4	4	"	"					
9	6		"	"					
10	6		"	"			29.52	59.	Noon decreasing breeze &
11	6		"	"					fine
12	6		"	"					All necessary sail set.
									Watches & Boats off duty pick
1	6		S.S.E.	S.b.E.					4 P.M. Moderate breeze & fine
2	6		"	"					Set Topgallantsails
3	4	4	"	"					
4	4	4							
5	4		South.	W.b.S.					8. 40 40
6	4		"	"					10. Increasing breeze & squally
7	8								furled Topgallantsails.
8	8		S.by.E.	W.b.S.			29.50	55.	Wednesday Wind while encreas
9	9		"	"					with heavy squalls put ship
10	9		"	"					under close Topsails & Top Sls
11	6		South.	"					most staysail Wore ship to
12	6		"	"					S.E.

Distance per Log — Variation 13 E.

COURSE S.5E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 133		Acct. 41 · 37S		Acct. 151 · 07E	6 a.m. 2	Pumps lights looked
Departure 11.6 E.	1325	Obs. 41 · 46S	15E	Chron. 150 · 24E	Noon ...	after ship attended
				Lunars	6 p.m. 2	
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.		
From 6	to 8		Brake	From Sunset	to	Sunrise
... 8	... 10		Clifford	...	...	
... 10	... 12		Walters	...	...	
... 12	... 2		Walker	...	...	
... 2	... 4		Logan	...	...	
... 4	... 6.		Robson	...	...	
...	...			...	...	

LOG of the "Euterpe" from Wellington towards Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS.
									June day, the 9th of June 1889 —
1	1	4	N by W	W by S.	2½				4 AM Fresh Gale with heavy
2	1	4	"	"	"				Gilling to Stn. furled lowered to
3	1	4	"	"	"				Topsail
4	1	4	"	"	"				6 Wore ship to Southward.
5	1		"	"	"				
6	1		"	"	"		29.50.	56	Morn. Gale. still increasing
7	3		South	"	2				with heavy squalls. ship
8	3		"	"	"				rolling & pitching heavily shipping
9	3		S by E.	"	"				large quantities of water. also
10	3		"	"	"				causing her to strain carg & ha.
11	3		"	"	"				in consequence to wear ship
12	3		"	"	"				to Stn —
									Butcher AB while off duty sick
1	1		South	W by W	½				4 PM. Fresh Gale with high se
2	1		"	"	"				& terrific squalls.
3	1		Stn	"	1				
4	1		"	"	"				
5	4	4	W by S.	S by W	2				8 do do.
6	1	4	"		"				
7	1	4	West	S by W	"				
8	1	4	"	"	"				
9	1	4	W by N.	S by W	1		29.53.	53	Midnight Gale Moderating atte
10	1	4	"	"	"				by Force squalls at outstoals.
11	1	4	"	"	"				Crew engaged shifting cargo.
12	1	4	"	"	"				

Course 06 Dist 245 Lat 84 Miles — Distance per Log — Variation 12 E.

COURSE S by W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 81		Acct. 43 · 06 S		Acct. 150 · 04 E	6 a.m. 2 6	Pumps Light & Boats
Departure 9 W		Obs. 43 · 07 S		Chron. 150 · 20 E	Noon	strictly attended to.
	80.5		12 W	Lunars	6 p.m. 0 6	
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.		
From	6	to	8	Walker	From	Sunset	to Sunrise
...	8	...	10	Brake	...		...
...	10	...	12	Walker	...		...
...	12	...	2	Robson	...		...
...	2	...	4	Edwards	...		...
...	4	...	6.	Logan.	...		...
...		...			...		...
...		...			...		...

LOG of the "Euterpe" from Wellington towards Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS.
									Noon day, the 10th of June 1889 —
1	1	4	WSW	South					4 AM. Wore Ship to Stn.
2	1	4	"	"					Gale still Moderating Set
3	1	4	"	"					Upr Topsails Foresail & Mainsail
4	1	4	"	"					& Inner Jib
5	3		S by E	S by S					
6	3		"	"					8. Fresh breeze & fine Set Main
7	4		"	"					Topgallantsail & Outer Jib
8	4		"	"					
9	4		"	"					
10	3		S by E.	"					
11	3		"	"			29.98	49	Noon. Moderate wind & fine
12	3		"	"					with heavy Stn swell.
	3		"	"					Butcher AB sick off duty
1	6		S by E.	"					4 PM. Fresh breeze & squally.
2	6		"	"					Handed Main Topsail outside
3	5		"	"					
4	5		"	"					
5	4	4	S E ½ S	"					8. Moderate breeze & fine with
6	4	4	"	"					passing clouds.
7	4		"	"					
8	4		"	"					
9	4		"	"		3000	50		Midnight Pleasant breeze &
10	4		S by E	"					fine clear Wr. Set Main Topsail
11	4		"	"					Topgallantsails & outer jib
12	4	4	"	"					Crew employed taking in the thing
	4		"	"					sail

Course 06 Dist 258 Lat 84 Miles — Distance per Log — Variation 12 E

COURSE S by E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 13		Acct. 43 · 20 S		Acct. 150 · 17 E	6 a.m. 2	Pumps Light Cookroom
Departure 3 E		Obs. 43 · 14 S		Chron. 150 · 19 E	Noon	strictly attended
	13		3 E	Lunars	6 p.m. 2	to
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.		
From	6	to	8	Walker	From	Sunset	to Sunrise
...	8	...	10	Robson	...		...
...	10	...	12	Edwards	...		...
...	12	...	2	Logan	...		...
...	2	...	4	Goulding	...		...
...	4	...	6.	Harland	...		...
...		...			...		...
...		...			...		...

LOG of the "Euterpe" from Wellington towards Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tuesday, the 17th of June 1879
1	3	4	S8½W.	S4°W.					4 AM. Moderate & fine with hea
2	3	4	"	"					sweel SW.
3	3		"	"					
4	3		"	"					
5	2		S.E.	S SW.					8° do do
6	2		"	"					Set Mains Royal & Topgallant
7	1	4	"	"					sail
8	1	4	"	"					
9	1		SbyW.	W.					
10	1		"	"			30.05	50.	Noon Light airs & fine clear wx
11	1		"	"					All plain sail set.
12	1		"	"					Butcher AB while off duty sick
1	5		SbyS½S	WbyS.					4 PM. Moderate breze & fine
2	5		"	"					
3	6		SSW.	West					
4	6		"	"					8° do do
5	6		SbyW½S.	WNW.					
6	6		"	"					
7	6		"	"					
8	6		"	"			29.88	53.	Midnight Do Do
9	6	4	"	"					Crew employed trimming co
10	6	4	"	"					
11	6		SbyW½W	WbyW					
12	6		"	"					

Course & Dist. S 49 W dist. 99 miles. Distance per Log. Variation 12° E.

COURSE S 32° E. Diff. Lat. LATITUDE. Diff. Long. LONGITUDE. Inches in the Wells. Bearing and Distance at Noon.

DISTANCE 98

Departure 112

Acct. 41° 20S. Acct. 151° 46½. 6 a.m. 2

Obs. 44 16S. 55 E. Chron. 152 11½. Noon

Lunars 6 p.m. 2

Midnt.

Pumps light & Hors strictly attended.

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Edwards	From Sunset	to Sunrise
...	8	... 10	Waller	...	...
...	10	... 12	Logan	...	...
...	12	... 2	Harland	...	...
...	2	... 4	Clifford	...	...
...	4	... 6	Goulding	...	...
...		...		...	...
...		...		...	...

LOG of the "Euterpe" from Wellington towards Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 18th of June 1879
1	6		SbyW½W.	NW					4 PM. Moderate breeze &
2	6		"	"					clear sky.
3	6		"	"					
4	6		"	"					
5	7		SbyW½W.	"					8 " do do.
6	9		"	"					
7	8		"	"					
8	8		"	"					
9	9		"	"					
10	9	4	"	"			29.87	56.	Noon. Increasing breeze with
11	9	4	"	"					light rain fine & hazy
12	9	4	"	"					T'gallantrails outer Jib
									& Main Royal.
									Butcher AB while off duty sick
1	8	4	SbyW½W.	WbyW½W.					
2	8	4	"	"					4 PM. Breze while increasing at times
3	10		"	"					carried G royals & Main Hauded Mpsail
4	10		"	"					T'gallantrail & reefed T'gallrails
5	1	4	SbyS½S	WbyW.					
6	1	4	"	"					8 Light breze & overcast sky
7	4	4	"	"					set Main T'gallantrail
8	4	4	SbyW½W	WbyW					
9	3		"	"					Midnight Light airs & dull
10	3		"	"					gloomy wx.
11	2		SbyW	"					Crew variously employed
12	2		"	"					Tradesmen keeping watch

Course S 6° W dist. 132 miles. Distance per Log. Variation 12° E.

COURSE S 12½ W. Diff. Lat. LATITUDE. Diff. Long. LONGITUDE. Inches in the Wells. Bearing and Distance at Noon.

DISTANCE 178

Departure 160

Acct. 44 - 55S. Acct. 148 - 48E. 6 a.m. 2 6

Obs. 44 - 58S. 223E. Chron. 149 - 20E. Noon

Lunars 6 p.m. 2 6

Midnt.

Pumps light & hors strictly attended to

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Waller	From Sunset	to Sunrise
...	8	... 10	Clifford	...	...
...	10	... 12	Wilkes	...	...
...	12	... 2	Logan	...	...
...	2	... 4	Goulding	...	...
...	4	... 6	Robson	...	...
...		...		...	...
...		...		...	...

LOG of the "Euterpe" from Wellington towards Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thurs day, the 13th of June 1889 —
1	1		SbyEto.	ZbyEto.					4 AM. Light airs & calms & cloudy.
2	1		"	"					
3	1		"	"					
4	1		"	"					8" Light breeze & hazy lob
5	3		"	"					
6	3		"	"					
7	2		SbyEbyEto	Eto					
8	2		"	"			30.58	54	Noon. Moderate breeze & hazy
9	8		"	"					shook reefs out of Topsails
10	8		"	"					All plain sail set to take
11	10		"	"					advantage.
12	10		"	"					
1	11		WSW	SbyE					4 PM Sprk breeze & puffy. Rain
2	11		"	"					Main Royals
3	11		"	"					
4	11		"	"					8. Wind freshening & squally
5	11		WbyS.	Eto.					Mizen Topgallantsail & Fore
6	11		"	"					
7	11		"	"			30.60	54	Midnight. Strong wind with
8	11		"	"					heavy squally overcast Hauled
9	10	4	"	"					Fore & Main Topgallantsail & Fore
10	10	4	"	"					Jib Reefed the Open Topsails
11	10		"	"					Crew employed standing by
12	10		"	"					taking in sail

Distance per Log — Variation 12E

COURSE	S 7 E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	107		Acct. 45. 225		Acct. 146. 528	6 a.m. 2	Pumps Lights & Hook
Departure	105		Obs. 45. 158		Chron.	Noon	shortly attended
		245		1486	Lunars	6 p.m. 2	
						Midnt.	1007

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Butcher.	From Sunset	to Sunrise
... 8	... 10		Waller	...	...
... 10	... 12		Logan.	...	...
... 12	... 2		Walters	...	...
... 2	... 4		Robson.	...	...
... 4	... 6.		Goulding	...	...
...	...			...	...

LOG of the Euterpe from Wellington towards Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Fri day, the 14th of June 1889 —
1	8	4	WbyS.	SE					4 AM. Breeze moderating set
2	8	4	"	"					Mizen Topsail Main Topgallant
3	8		"	"					sail & Jib
4	8		"	"					
5	8	4	"	"					8. Moderate breeze & cloudy
6	8	4	"	"					Set Fore & Mizen Topgallantsail
7	8	4	"	"					Reef out Jibs & Middle Topsails
8	8	4	"	"					
9	8	4	WSW	SSE			30.38	54	Noon Pleasant breeze & fine
10	8	4	"	"					All plain sail set.
11	8		"	"					
12	8		"	"					
1	9		SbyW	South					4 PM. Moderate breeze & fine
2	10		West	"					
3	10		"	"					
4	10		"	"					8. do do.
5	8		WbyW.	"					
6	8		"	"					
7	8	4	"	"					
8	8	4	"	"			30.30	54	Midnight do. Wind attended
9	9		"	"					by light rain
10	9		"	"					Crew variously employed
11	8		"	"					Tradesmen keeping watch
12	8		"	"					

Course — Distance per Log — Variation 12E

COURSE	N 79 W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	228		Acct. 44 - 305		Acct. 141 - 368	6 a.m. 2	Pumps Lights & Lookout
Departure	223		Obs. 44 - 095		Chron. 141 - 492	Noon	strictly attended
		457		376	Lunars	6 p.m. 2	
						Midnt.	1007

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Butcher.	From Sunset	to Sunrise
... 8	... 10		Waller.	...	...
... 10	... 12		Butcher.	...	...
... 12	... 2		Logan	...	...
... 2	... 4		Goulding	...	...
... 4	... 6.		Edwards.	...	...
...	...			...	...

LOG of the *Enterpe* from *Wellington* towards *Port Pirie*

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 15th of June 1889.
1	7		WbyN.	South					4 A.M. Pleasant breeze & fine clear wthr.
2	7		"	"					
3	7		"	"					
4	7		"	"					
5	8		"	"					8" do do.
6	8		"	W.					
7	8		"	"					
8	8		"	"					
9	8		"	"			30.32	58.	Noon. do do.
10	8		"	"					
11	8		"	"					All square sail set.
12	8.		"	"					
1	3		WbyN	"					4 P.M. Pleasant breeze & fine with passing clouds.
2	3		"	"					
3	8		NW	"					
4	8		"	"					
5	7	4	WbyN	"					8. do do.
6	7	4	"	"					
7	7	4	WbyN	"					
8	7	4	"	"			30.28	58.	Midnight. do wind & Wb.
9	8		NbyW	"					
10	8		"	"					Crew employed getting cable
11	7	4	"	"					on deck &c.
12	7	4	"	"					

Course Wbs to WbyN Dist. 206 Miles. Distance per Log. Variation 00.

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
COURSE 262°		Acct. 42. 36S.		Acct. 137. 50	6 a.m. 2	
DISTANCE 199				Chron. 137. 55	Noon	Pumps light & hooker
Departure 176W.		Obs. 42. 19S.		Lunars	6 p.m. 2	steadily attended to
	93W.		340W.		Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 6	to	8	Butcher.	From Sunset to Sunrise
... 8	...	10	Waller	... ...
... 10	...	12	Logan.	... ...
... 12	...	2	Edwards	... ...
... 2	...	4	Butcher.	... ...
... 4	...	6.	Golding	... ...
...	...			... ...
...	...			... ...

LOG of the *Enterpe* from *Wellington* towards *Port Pirie*

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 16th of June 1889.
1	6		WbyW.	South					4 A.M. Moderate breeze & fine
2	6		"	"					
3	6	4	"	"					
4	6	4	"	"					8. do do
5	8		"	"					
6	8		"	"					
7	6	4	"	"					
8	6	4	"	"					Noon do do.
9	6		"	"					
10	6		"	"			30.02	58.	All square sail set.
11	6		"	"					
12	6.		"	"					
1	8		North	"					4 P.M. Moderate breeze & fine with passing clouds.
2	8		"	"					
3	8		"	"					
4	8		"	"					
5	7	4	"	"					8. do do.
6	7	4	"	"					
7	7	4	"	"					
8	7	4	"	"					
9	7		NbyW	"			29.98	58.	Midnight do do.
10	7		"	"					Crew employed working
11	6		NbyW	"					ship
12	6.		"	"					

Course Wbs to WbyW Dist. 180 Miles. Distance per Log. Variation 00.

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
COURSE 268°		Acct. 39. 53S.		Acct. 136. 13E.	6 a.m. 2	
DISTANCE 166				Chron. 136. 17E.	Noon	Pumps light & hooker
Departure 4W.		Obs. 39. 58S.		Lunars	6 p.m. 2	steadily attended to
	1W.		102W.		Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 6	to	8	Waller	From Sunset to Sunrise
... 8	...	10	Butcher	... ...
... 10	...	12	Edwards	... ...
... 12	...	2	Logan	... ...
... 2	...	4	Golding	... ...
... 4	...	6.	Butcher	... ...
...	...			... ...
...	...			... ...

LOG of the "Euterpe" from Wellington towards Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 17th of June 1889
1	10		b ½ b.	SbW					4 A.M. Pleasant breeze &
2	10		"	"					June
3	10		b ¾ b.	"					
4	10		"	"					
5	8		North	"					8" Fresh breeze & squally
6	8		"	"					
7	8		"	"					
8	8		"	"					
9	9		b ½ E.	"			30.06.55		Noon. do do.
10	9		"	"					
11	9	4	"	"					All plain sail pet. to
12	9	4	"	"					the best advantage.
1	9		b ½ b.	SbW.					4 P.M. Moderate breeze & fine
2	9		"	"					
3	9		"	"					7.30 Sighted Cape Borda Light
4	9		"	"					9.30 Sacked to. Do.
5	8		"	"					
6	8		"	"					
7	4		"	"					
8	4		"	"			30.10.62		Midnight do wind & Hock
9	5		"	"					Crew employed scrubbing
10	1		S S W.	N.W. by W.					paint work &c. &c.
11	3	4	S by E.	W by S					
12	3	4	"	"					

Distance per Log

Variation 00.

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
61° E.		Acct. 36° 54' S.		Acct. 136° 20' E.	6 a.m. 2	
DISTANCE 182		Obs. 36° 56' S.		Chron. 136° 23' E.	Noon	Pumps bilge Hooks
Departure 158	84		22 E.	Lunars	6 p.m. 2	& Decks attended
					Midnt.	to.

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 6	to 8		Butcher	From Sunset to Sunrise
... 8	... 10		Logan	... ...
... 10	... 12		Goldup	... ...
... 12	... 2		Edwards	... ...
... 2	... 4		Butcher	... ...
... 4	... 6		Brake	... ...
...	...			... ...

LOG of the "Euterpe" from Wellington towards Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tuesday, the 18th of June 1889
1	3		S SW.	West					4 A.M. Moderate & fine
2	3		"	"					Sacked ship to SW.
3	3		W ½ N	NW.					
4	3		"	"					
5	4		SW by S ½ S.	NW by W.					8a Moderate breeze & squally
6	4		"	"					with light showers. rain
7	6	4	SW by W ½ W.	NW.					
8	6	4	"	"					
9	5		SW	by W ½ W.					
10	5		"	"			30.08.60		Noon. Pleasant breeze & fine
11	6		SW by W ½ W	NW					All plain sail pet.
12	6.		"	"					
1	6	4	by SW	NW					4 P.M. Increasing breeze & fine
2	6	4	"	"					clear WS.
3	7		"	"					
4	7		"	"					8a Fresh breeze & fine Handed
5	7	4	W ½ N.	North					fore & Mizen Topgallant sails
6	7	4	"	"					to. Wind still increasing put
7	8		N W ½ N.	N by E					ship under Foretopsail Lowering
8	8		"	"			30.00.62		Midnight Wore ship to NW
9	5		NW.	N by E					Fresh gale & overcast WS.
10	5		"	"					Crew setting & taking in
11	1	4	East	N by E					sail
12	1	4	"	"					

Course NE ½ E. Dist. 52 Miles

Distance per Log

Variation 10.

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
N 44° W.		Acct. 36° 06' S.		Acct. 135° 16' E.	6 a.m. 2 6	
DISTANCE 52		Chron. 135° 41' E.	Noon	Pumps bilge & Hooks		
Departure 036 W.	50 N.	Obs. 36° 13' S.	46 W.	Lunars	6 p.m. 2 6	attended to.
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 6	to 8		Logan	From Sunset to Sunrise
... 8	... 10		Edwards	... ...
... 10	... 12		Butcher	... ...
... 12	... 2		Goldup	... ...
... 2	... 4		Brake	... ...
... 4	... 6		Edwards	... ...
...	...			... ...

LOG of the "Enterpe" from Wellington towards Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 19th of June 1889
1	1		WbS½S	W½W					2.30 Shows Gale. attended by
2	1		"	"					Terrific squalls. mixed with heavy
3	1		WbS½S	NbW					heavy thunder & rain
4	1								
5	0	4	SbW.	WbS					8. Increasing breeze. Wore ship to
6	0	4	"	"					NE.
7	1	4	WbS	NbW					
8	1	4	"	"					
9	6		NE	NbW½W			30.30	to.	Noon. Fresh breeze & squalls.
10	6		"	"					ship under full topsails &
11	6		"	"					Main Topgallantsails
12	6		"	"					
1	4		SSW.	WbS					4 P.M. Fresh Brize & fine with
2	4		"	"					overcast wbr.
3	4		"	"					6. Increasing breeze & squally
4	4		"	"					8. Fresh Gales with heavy squalls
5	5		NE.	"					in Foresail & mainsail
6	5		"	"					10. Wore ship to eastward.
7	2		"	"					
8	2		"	"			29.50	to.	Midnight. Shows Gale. attended
9	2		NbE.	"					by terrific squalls & heavy
10	2								Ship rolling & pitching heavily.
11	1	4	WbS	WbW					shipping large bodies of water
12	1	4	"	"					washing everything moveable on deck

Distance per Log — Variation — Steering pintle about N. Head

COURSE	WbW	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	115		Acct. 35 - 348		Acct. 135 - 136	6 a.m. 2	Pumps lights & Hoods
Departure	22W	92	Obs. 36 - 063	2'6	Chron. 135 - 224	Noon	ok'd & attended.
					Lunars	6 p.m. 2	
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Edwards	From Sunset	to Sunrise
...	8	...	10	Logan	...	...
...	10	...	12	Law	...	...
...	12	...	2	Walters	...	...
...	2	...	4	Edwards	...	...
...	4	...	6.	Law.	...	...
...		...			...	...

LOG of the "Enterpe" from Wellington towards Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 20th of June 1889
1	1	4	SbW½S	WbW					4 A.M. Gale Moderating with
2	1	4	"	"					heavy swell. Hove Wore
3	1	4	"	"					Ship to NE. Lighted Cape Borda
4	1	4	"	"					bearing ESE.
5	2		NE by E	NbW					8. Moderate breeze with
6	2		"	"					light showers of rain
7	5	4	"	"					Set all plain sail
8	5	4	"	"					
9	4		SbW	"					
10	4		"	"			29.80	58.	Noon light breze & fine
11	1		WbW	South					
12	1		"	"					
1	8		WbW½W	"					2 P.M. Lighted wedge Island light SbE
2	8		"	"					4. Moderate breeze with light showers
3	8		"	"					South wedge port bow bearing S. by W½W
4	8		"	"					Cape Borda dipped bearing SbE.
5	8		WbS.	"					Ships head to NE.
6	8		"	"					6.35. Fresh breeze & heavy rain
7	8		"	"					
8	4		WbW½W.	"			30.10	58.	Midnight Moderate breeze
9	4		WbW	"					& cloudy wbr.
10	7		"	"					
11	7		"	"					Ships company keeping watch
12	7		"	"					all through.

Distance per Log — Variation

COURSE	WbS½W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	4		Acct. 36 - 008		Acct. 135 - 252	6 a.m. 2	Pumps lights &
Departure	3W	1'6	Obs. 36 - 195	4'6	Chron.	Noon	look out strictly
					Lunars	6 p.m. 2	attended wbr.
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Logan	From Sunset	to Sunrise
...	8	...	10	Edwards	...	...
...	10	...	12	Polsen	...	...
...	12	...	2	Dean	...	...
...	2	...	4	Walker	...	...
...	4	...	6.	Edwards.	...	...
...		...			...	...

LOG of the "Euterpe" from Wellington towards Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Friday, the 21st of June 1889 —
1	4	4	Nbly & Nw	South					2 AB Took sounding in 19
2	4	4	"	"					
3	4	4	"	"					4" Light breeze & fine with
4	4	4	"	"					passing clouds. sounding
5	5		NbE	"					
6	5		"	"					
7	4		"	"					8" Pleasant breeze & fine
8	4		"	"					
9	5		NbW	"					
10	5		"	"			30.32	59	Noon. Do Do.
11	5		"	"					All plain sail set
12	5		"	"					
1	4								4 PM Light airs & fine
2	4								
3	1	4							5" Handed AB sail and came
4	1	4							to an anchor off Hauk point
5									7 fathoms with 30 fathoms on Star
6									board anchor.
7									
8									8" Set anchor watch consisting
9									of one AB. one Boy & one Officer
10									
11							30.36	58	Midnight light breeze & fine
12									

Distance per Log — Variation 4° E

COURSE	S. 13° E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	133 m.		Acct. 33° 42′ S		Acct. 136° 45′	6 a.m. 2 6	Pumps Light Hoos
Departure	29 E.				Chron.	Noon ...	steadily attended &
		1′ 35″	Obs. 33° 37′ 5	35″	Lunars	6 p.m. 2 6	
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Edwards	From Sunset	to Sunrise
...	8	...	10	Logan	...	...
...	10	...	12	Haw	...	...
...	12	...	2	Harland	...	...
...	2	...	4	Edwards	...	...
...	4	...	6	Wallis	...	...
...		...			...	...
...		...			...	...

LOG of the "Euterpe" from Wellington towards Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 22nd of June 1889 —
1									5 AM. Hove short & Set sail
2									& hove up Starboard anchor.
3									proceeded up to the roads off
4									Port Germein
5									
6									Noon. Mr Chasemore Pilot
7									came on board & took charge.
8									3 PM SS. Telcobee took us
9									in tow. 4" Came to an
10									anchor at the beginning Ground
11									in 5 fathoms with 40 fathoms on
12									Starboard anchor.
1									Duane O.S. Watchman.
2							Bar		30.35 Ther. 58.
3									
4									Sunday June 23rd 1889 —
5									Light Southerly wind & steady rain first part. Moderate
6									breeze & fine latter part. Duance O.S. Watchman.
7									Bar. 30.34. Ther. 58.
8									Monday June 24th 1889 —
9									Light Southerly wind & fine. Throughout the twenty
10									four hours. Crew employed discharging cargo. of
11									100 tons coal. Duance O.S. watchman.
12									Bar. 30.50 Ther. 56.

Distance per Log — Variation

COURSE		Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE			Acct.		Acct.	6 a.m.	
Departure			Obs.		Chron.	Noon ...	
					Lunars	6 p.m.	
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
				Tuesday 25th June 1889 —		
From		to		Light airs & calms. with fine clear w. throughout	From	to
...		...		Crew employed scrubbing paintwork Duance O.S.	...	...
...		...		watchman. Bar. 30.58. Ther. 56.	...	...
...		...			...	...
...		...			...	...
...		...			...	...
...		...			...	...
...		...			...	...

LOG of the "Enterpe" ~~from~~ Lying at towards Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday day, the 26th of June 1889 –
1			Light airs from west to Nd. & fine throughout the						
2			day discharged 475 tons coal Crew employed as						
3			yesterday Luance O.S. watchman. Bar. 30.50. Ther. 6						
4									
5									Thursday June 27th 1889 –
6			Fresh Southerly wind & cloudy wr. 3 PM. Hove up						
7			Starboard anchor & proceeded up to Port Pirie in Co						
8			of Pr. Chasenque Pilot in tow. SS. Helcobee. 9 PM ma						
9			ship fast alongside of Wharf. Discharged 375 tons of						
10			coal. into S.S. Helcobee. Luance O.S. watchman.						
11			Bar. 30.30. Ther. 56.						
12									
1									Friday June 28th 1889 –
2									
3			Fresh Northerly wind & overcast sky. the whole of th						
4			day. Crew employed discharging Luance O.S. watch						
5			Bar 29.98. Ther. 57.						
6									Saturday June 29th 1889 –
7			Moderate Southerly wind & fine throughout. Crew						
8			employed as yesterday Luance O.S. watchman.						
9			Bar. 30.14. Ther. 58.						
10									Sunday June 30th 1889 –
11			Moderate breeze & fine the whole of the day.						
12			Hove to & down light Sunday Luance O.S. watchma						
			Bar 30.18 Ther 58.						

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES. Monday July 1st 1889 –	SIDE LIGHTS HUNG OUT. From	to
...	...	Moderate westerly wind & fine Crew discharging	...	...
...	...	Coal Luance O.S. watchman Bar. 30.30. Ther 58.	...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the "Enterpe" from Lying at towards Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. June day, the 2nd of July 1889 –
1									
2			Moderate Southerly wind & fine throughout						
3			Crew employed discharging coal Luance O.S.						
4			watchman Bar 30.32 Ther. 56.						
5									
6									Wednesday July 3rd 1889 –
7									
8			Light N.E. wind & overcast wthr. Crew employed						
9			as yesterday Luance O.S. watchman Bar. 30.26. Ther. 53.						
10									
11									Thursday July 4th 1889 –
12									
1			Light variable airs & fine the whole of the						
2			twenty four hours. Crew employed as before.						
3			Luance O.S. watchman Bar. 30.38. Ther. 55.						
4									
5									Friday July 5th 1889 –
6									
7			Fresh Southerly wind & fine throughout Crew employed						
8			discharging coal & taken in ballast. Luance O.S. watchman						
9			Bar. 30.02. Ther. 56.						
10									Saturday July 6th 1889
11									
12			Light breze & fine the whole of the day. Crew employed						
			as yesterday took in 130 tons of ballast. Luance O.S.						

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

watchman Bar. 30.29 Ther. 58. Rolsen Jones A.B. deserted.

ON THE LOOK OUT. From	to	MEN'S NAMES. Sunday July 7th 1889 –	SIDE LIGHTS HUNG OUT. From	to
...	...	Light Southerly wind & fine Luance O.S. watchman.	...	...
...	...	Bar. 30.30 Ther 58. Bennett O.S. deserted.	...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the "Enterpe" ~~from~~ Lying at ~~towards~~ Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 8th of July 1889
1									
2			Light Southerly wind & fine throughout. Crew						
3			employed taking in ballast & shifting ship from						
4			Government wharf to Grips wharf.						
5			Quance C.S. watchman. Bar. 30.30. Ther. 59.						
6									
7			Sunday 9th July 1889.						
8			First part light northerly wind & heavy rain						
9			Latter part Calm & fine. Took in 40 tons ballast						
10			Crew employed discharging coal & taking in						
11			ballast. Quance C.S. Watchman Bar. 30.32. Ther. 6,						
12									
1			Wednesday July 10th 1889.						
2			Light airs & calm & fine throughout. Crew employed						
3			discharging coal &c. Quance C.S. watchman. Bar. 30						
4			Ther. 56.						
5									
6			Thursday. July 11th. 1889.						
7			Moderate Southerly wind with rain at intervals						
8			during the greater part of the twenty four hours. Crew employed pre-						
9			paring ship for sea. Quance C.S. Watchman Bar. 30.						
10			Ther. 55.						
11									
12									

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
...	...	Friday 12th July 1889.	...	...
...	...	Moderate Southerly wind & fine throughout.	...	...
...	...	Crew employed running ballast. Etc. Quance	...	...
...	...	discharging C	...	...
...	...	Quance C.S. watchman. 30.52. Ther. 54.	...	...
...	...		...	...
...	...		...	...

LOG of the "Enterpe" ~~from~~ Lying at ~~towards~~ Port Pirie

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 13th of July 1889
1									
2			Southerly wind & fine throughout. Crew employed trim						
3			ming ballast. completed taking in ballast. Total amount						
4			being 600 tons. Quance C.S. watchman. Bar. 30.58. Ther. 66.						
5			draft forward. 15 0. Aft 15 6.						
6			Sunday July 14th 1889.						
7									
8			Light Southerly wind & fine Quance C.S. watchman						
9			Bar. 30.40. Ther. 58. Patons & Scott A.B. joined ship.						
10									
11									
12			Monday. July 15th 1889.						
1			8. AM Unmoored ship & proceeded down river to outer						
2			anchorage in tow S.S. "Pegasus" Mr Chenoweth. Pilot						
3			from. Came to an anchor in 4 fathoms with 15 fathoms						
4			on starboard anchor. Lower point lighthouse bearing						
5			S Mn cleared up decks. 8. Set anchor watch consisting						
6			of one man. boy and an Officer						
7			Southerly wind & cloudy Wh. Lower South light bearing						
8			W by W. Steps head South.						
9									
10									
11									
12									

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the "Enterprise" from Port Pirie towards Iquique

HOURS	K.	F.	COURSES	WINDS	Lee Way	Deviation	Bar.	Ther.	OCCURRENCES and REMARKS — Tuesday, the 16th of July 1889
1									3 AM. Hove short & set Topsails
2									4. Hove up Starboard anchor
3									& proceeded down Spencers Gulf
4									
5									8. 40. Mount Young bore NW½W 8 pts
6			Working down Spencers Gulf						dist 9 miles Ships head S½W
7									
8									
9							30.62	52	Noon. Flank Point bore W½S
10									9 miles Ships Head S½W
11									
12									Moderate breeze & cloudy Wr
1									3 PM Flank Point bore E compass
2									NW½W dist 9 miles S.M. S E W½S
3									
4									4 PM Tacked ship to NE.
5									
6									
7									
8									
9									
10									10. Clewed up & furled sails & came
11									to an anchor on Middle bank
12									in 5 Fathoms with 15 fathoms

Starboard anchor. Cleared up the decks & Set anchor watch. Carried on
Distance per Log 30.62 Variation 52. Mean Log & an Officer Moderate South Ly
winds & fine

COURSE	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the "Enterprise" from Port Pirie towards Iquique

HOURS	K.	F.	COURSES	WINDS	Lee Way	Deviation	Bar.	Ther.	OCCURRENCES and REMARKS — Wednesday, the 17th of July 1889
1									5. AM. Hove short & set sails rail 6. AM Tripped Starboard
2									& stood down Spencers Gulf.
3									
4									Noon. Wallaroo bore E½S dist 12 miles Ships head S½W½S pts
5									Light SE wind & fine Bar. 30.62 Ther. 58.
6									
7									
8									
9									
10									
11									
12									
1									3 PM Wt Chesneau Pilot left
2									4 PM. Wallaroo bore E½S
3									dist 9 miles Ships head SW½W
4									4.35. Gippsland Light abeam bore
5			Working down Spencers Gulf.						E½S 9 ft. Ships head. got bottom at
6									13 fth.
7									11. Gippsland Light dipped bearing
8									N 6½ W. Ships Head South.
9									
10									Midnight Moderate breeze &
11									fine clear Wr.
12									

Distance per Log Variation

COURSE	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	Lights & Lookout
Departure		Obs.		Chron.	Noon	Strictly attended
				Lunars	6 p.m.	to
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
6	8	Dean	Sunset	Sunrise
8	10	Scott	...	...
10	12	Edwards	...	...
12	2	Golding	...	...
2	4	Lugate	...	...
4	6	Wallace	...	...
...	...		...	...

LOG of the "Enterpe" from Port Pirie towards "Iquique"

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thurs day, the 18th of July 1889 -
1									3 AM Sighted Coney Point bearing
2									S by W 1/2 W.
3									
4									4. Light breeze & fine
5									
6			Working down Spencers Gulf.						6. Coney Point abeam. Bore
7									by compass S E by E. Ships Head
8									S by W. dist 4 Miles
9									
10									
11									Noon. Light wind & fine
12									North Wedge Island abeam bearing
									W 1/2 W.
1	3	4	S by W.	N E.					4 PM. Light winds & fine.
2	3	4	"	"					6. Cape Borda light bore S E by S. Althorpe
3	3	4	"	"					E by N 4 M. Ships Head S by W.
4	3	4	"	"					6.30. All hands employed bearing ship N 1/2 E.
5	2	4	"	"					
6	2	4	"	"					Midnight Cape Borda light bore
7	2	4	S 3/4 W.	var.					N 1/2 W. Fine breeze & Moderate
8	2	4	"	"					
9	6		S by W.	"		30.48.58			Crew variously employed.
10	3		S 1/2 W.	"					
11	5		"	"					
12	5		"	"					

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	Pumps Lights & Look
Departure Not at Noon		Obs. 35° 11 S		Chron. 136-39E	Noon	Strictly Attended to
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 6	to	8	Wallis.	From Sunset to Sunrise
... 8	...	10	Swan	... ...
... 10	...	12	Butcher.	... ...
... 12	...	2	Harland.	... ...
... 2	...	4	Brake.	... ...
... 4	...	6.	Dean.	... ...
...	...			... ...
...	...			... ...

LOG of the "Enterpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Fri day, the 19th of July 1889 -
1	3		S by W.	N N W.					4 AM. Light airs & fine Passed
2	3		"	"					a Barque bound North. Cape
3	2		"	"					Borda bore N E 3/4 E. S by W.
4	2		"	"					
5	2	4	"	"					5. 15. Cape Borda dist bearing
6	2	4	"	"					E by N Ships Head S by W.
7	3		"	"					
8	1		S by W.	North.					8. Light airs & fine with
9	2	4	"	"					passing clouds.
10	2	4	"	"					
11	3		"	"			Bar. 30.36	69	Noon. Light breeze & fine
12	3		"	"					All possible sail set
1	2	4	S by E	N N W.					4 PM Light airs & fine
2	2	4	"	"					
3	2	4	"	"					
4	2	4	"	"			8	do	do.
5	2		S 3/4 E	N E					
6	2		"	"					
7	2	4	S by E.	"					
8	2	4	"	"			30.36	do	Midnight do Wind & Wet
9	2	4	S by E 3/4 E	"					
10	2	4	"	"					Crew variously employed.
11	2	4	"	"					
12	2	4	"	"					

Distance per Log — Variation

COURSE S 11 W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 93		Acct. 36. 22S		Acct. 136. 20E	6 a.m. 2 6	Pumps Lights Looked
Departure 14 W	91S	Obs. 36. 22S	18W	Chron. 136. 42	Noon	strictly attended
				Lunars	6 p.m. 2 6.	to
					Midnt.	Do

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 6	to	8	Scott.	From Sunset to Sunrise
... 8	...	10	Dean	... ...
... 10	...	12	Golding	... ...
... 12	...	2	Edwards	... ...
... 2	...	4	Harland	... ...
... 4	...	6.	Swan	... ...
...	...			... ...
...	...			... ...

LOG of the "Enterpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 20th of July 1889
1	2	4	SSW½W.	NNE.					4 A.M. Light airs & fine
2	2	4	"	"					
3	2	4	"	"					
4	2	4	"	"					8h Freshening breeze & cloudy.
5	2	4	"	"					
6	2	4	"	"					
7	3		SSW½W.	NNW.					
8	3		"	"					
9	6		SSW½W.	NW.			30.58	to	Noon, Moderate breeze & fine
10	6		"	"					with passing clouds.
11	6		"	"					all plain sail set.
12	6.		"	"					
1	6		"	"					4 P.M. Moderate & fine
2	6		"	"					
3	6		"	"					6h Vessel ship to the Southward.
4	6		"	"					
5	2	4	"	"					
6	2	4	"	"					8. Variable airs & calms.
7	0		"	"					
8	0		"	"					
9	0	4	SSW.	E by S.			30.42	to	Midnight Calm & clear wr
10	0	4	"	"					
11	0		"	"					Crew employed putting chain
12	0.		"	"					Cable below & taking in provisions

Distance per Log

Variation 10°.

COURSE S 15° W.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 72		Acct 37. 31.5		Acct 136. 31.2	6 a.m. 2	Pumps 2 ft 6 inches
Departure 19.2		Obs.		Chron.	Noon	Wheel & attended
	69.5		23.2	Lunars	6 p.m. 2.	
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to	8	Jean	From Sunset	to Sunrise
... 8	...	10	Scott.	...	...
... 10	...	12	Edwards.	...	...
... 12	...	2	Golding	...	...
... 2	...	4	Lugah	...	...
... 4	...	6.	Holland	...	...
...	...			...	...

LOG of the "Enterpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 21st of July 1889
1	0	4	SSW½W.	West					4 A.M. Light airs & fine
2	0	4	"	"					
3	1		"	"					
4	1		"	"					
5	0	4	S½W	SW.					8h do do
6	0	4	"	"					
7	0	4	"	"					
8	0	4	"	"					
9	0	4	SSW½W.	West			30.48	69	Noon, Light breeze from the
10	0	4	"	"					West'ard & fine clear wr
11	0	4	"	"					
12	0	4	"	"					All plain sail set to the
									best advantage.
1	1	4	SSW½W.	SW½W.					
2	1	4	"	"					4 P.M. Light unsteady wind
3	5		SW.	SSW.					& overcast wr
4	5		"	"					
5	4		SW¾S.	"					
6	4		"	"					8h do do
7	4		"	"					
8	4		"	"					
9	5		SSW.	"					
10	5		"	"			30.52	59	Midnight do do
11	5	4	"	"					No work done it being Sabbath
12	5	4	"	"					

Distance per Log

Variation 10°.

COURSE S 17° W.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 37		Acct 38 - 06.5		Acct 136. 45.2	6 a.m. 2	Pumps 2 ft 6 inches
Departure 11.2		Obs. 37. 55.8		Chron. 137. 05.6	Noon	Wheel & attended
	35.8		14.2	Lunars	6 p.m. 2	
					Midnt.	208

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to	8	Scott.	From Sunset	to Sunrise
... 8	...	10	Jean	...	...
... 10	...	12	Golding	...	...
... 12	...	2	Edwards	...	...
... 2	...	4	Harland	...	...
... 4	...	6.	Lugan.	...	...
...	...			...	...

LOG of the "Eyuleye" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Noon day, the 22nd of July 1889
1	4	4	SSE.	E by S					4 A.M. Moderate breeze & clear
2	4	4	"	"					wth.
3	3	4	"	"					
4	3	4	"	"					
5	4	4	"	"					8' do do.
6	4	4	"	"					
7	4		"	"					
8	4		"	"					
9	5	4	SbE&E.	West			30.54	68	Noon. do do.
10	5	4	"	"					
11	5	4	"	"					All square sail set.
12	5	4	"	"					
1	5		SbE&E	E by S					4 P.M. Moderate breeze. altocu
2	5		"	"					sky mostly showers rain at
3	6		"	"					intervals.
4	6		"	"					
5	6		"	"					8' do do.
6	6		"	"					
7	4	4	SbE&E.	"					
8	4	4	"	"					
9	6		SSE	"					Midnight do wind & weather
10	6		"	"			30.36	68	wth. Crew employed scraping
11	7		"	"					between decks.
12	7		Course WbS3/4S	Dist. 96 Miles					Distance per Log — Variation 08.

COURSE S 28 E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 104		Acct. 39 - 27S		Acct. 138 - 07E	6 a.m. 2	Pumps lights & hookon
Departure 48E.	92	Obs. 39 - 14S	62E	Chron. 138 - 12E	Noon	strictly attended
				Lunars	6 p.m. 2	to.
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 1	to 8		Goldie	From Sunset to Sunrise
... 8	... 10		Edwards	... ...
... 10	... 12		Holland.	... ...
... 12	... 2		Lucas	... ...
... 2	... 4		Dotson	... ...
... 4	... 6		Butcher.	... ...
...	...			... ...

LOG of the "Eyuleye" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Noon day, the 23rd of July 1889
1	6	4	SbE&E.	ESE					4 A.M. Steady breeze & fine
2	6	4	"	"					wth. passing clouds.
3	7		"	"					
4	7		"	"					
5	7		"	"					8' do do
6	7		"	"					
7	7	4	"	"					
8	7	4	"	"					
9	7	4	SbE	"			30.28	67	Noon. Moderate wind &
10	7	4	"	"					gloomy wth.
11	7	4	"	"					
12	7	4	"	"					All necessary sail set.
1	8		SbE.	ESE.					4 P.M. Increasing breeze. towrcat
2	8		"	"					wth. & tailed tow & Hyalina Topgal-
3	8	4	"	"					lant sails
4	8	4	"	"					
5	9	4	"	"					8' do do.
6	9	4	"	"					
7	10		"	"					11" Wind veered gradually
8	10		"	"					to SE. with fresh breeze & heavy
9	10		"	"					squalls. Handed. Upper Topsails
10	10		"	"			30.02	54	Foresail Mainsail & Main Topgal
11	8		"	"					Lant sail.
12	8		"	"					Midnight. Brisk Gale & cloudy wth.
			Course ESE & SSE	Dist. 150 Miles					Distance per Log — Variation 10.

COURSE S 24 E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 155		Acct. 41 - 38S		Acct. 139 - 28E	6 a.m. 2	Pumps lights & Hookon
Departure 58E	140S	Obs. 41 - 31S.	58E	Chron. 139 - 36E	Noon	strictly attended
				Lunars	6 p.m. 2	to.
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 6	to 8		Edwards	From Sunset to Sunrise
... 8	... 10		Goldie	... ...
... 10	... 12		Lucas	... ...
... 12	... 2		Hapland	... ...
... 2	... 4		Butcher.	... ...
... 4	... 6		Dotson.	... ...
...	...			... ...

LOG of the "Enterpe" from Port Pirie towards Iquique

Wednesday, the 24th of July 1889 —

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS.
1	3	4	SSE.	SW.					4 A.M. Increasing breeze & fine
2	3	4	"	"					clear w[ea]th. S.B. Main upper t'gm
3	3	4	"	"					fore topsail fore sail Main sail
4	3	4	"	"					& Mizen topgallant sail
5	5		"	"					
6	5		"	"					8. do do.
7	6		"	"					
8	6		"	"					
9	9		ESE.	"					
10	9		"	"					Noon. Fresh breeze & cloudy w
11	9		"	"					
12	9		"	"			30.06	48.	All plain sail set.
1	8		SSE.	SSW.					
2	8		"	"					4 P.M. Fresh breeze & fine
3	9		"	"					
4	9		"	"					
5	8	4	"	"					8. do wind & overcast w[ea]th.
6	8	4	"	"					
7	7	4	SSE.	"					
8	7	4	"	"			30.11	49.	Midnight. Moderate wind &
9	8	4	SSE.	"					fine
10	8	4	"	"					
11	9		"	"					
12	9		"	"					Crew employed clearing below
									deck etc.

Course Obs. S. 34 E. Dist. 166 Miles — Distance per Log — Variation 10°

COURSE S 32 E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 164		Acct. 43° 505		Acct. 141° 442	6 a.m. 2 6	Pumps lights & hooks
Departure 94 E.		Chron. 44 502		Chron. 44 502	Noon	shifted attended to
	140S	Obs. 43. 438	68	Lunars	6 p.m. 2 6.	
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to	8	Golding	From Sunset	to Sunrise
... 8	...	10	Edwards	...	...
... 10	...	12	Harland	...	...
... 12	...	2	Lyson	...	...
... 2	...	4	D'Lon	...	...
... 4	...	6.	Butcher.	...	...
...	...			...	...

LOG of the "Enterpe" from Port Pirie towards Iquique

Thursday, the 25th of July 1889 —

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS.
1	9	4	SEbyS.	W'ly.					4 A.M. Moderate breeze &
2	9	4	"	"					overcast sky.
3	10		"	"					
4	10		"	"					
5	8	4	SEbyS.	NW.					8. do do.
6	8	4	"	"					
7	9		"	"					
8	9		"	"					
9	9		"	"			30.12.	52.	Noon do do.
10	9		"	"					
11	9		"	"					All square sail set do.
12	9	4	"	"					the fleet advantage.
1	10		ESE.	NW.					
2	10		"	"					4 P.M. Fresh breeze & fine clear
3	10		"	"					w[ea]th.
4	10		"	"					8. do do.
5	10		"	"					
6	10		"	"					
7	9		"	"			30.30	52.	Midnight. Brisk wind &
8	9		"	"					overcast sky with misty
9	9		"	"					rain
10	9		"	"					Crew employed clearing
11	9		"	"					lower fold out.
12	9		"	"					

Course Obs. S. 41 E. Dist. 206 Miles — Distance per Log — Variation 12°

COURSE S 16 E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 211		Acct. 45° 075		Acct. 146° 306	6 a.m. 2 6	Pumps lights Hooks
Departure 194 E.		Chron. 46 116		Chron. 46 116	Noon	shifted attended
	84S.	Obs. 44- 56S		Lunars	6 p.m. 2 6	to
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to	8	Edwards	From Sunset	to Sunrise
... 8	...	10	Golding	...	...
... 10	...	12	Lyons	...	...
... 12	...	2	Harland	...	...
... 2	...	4	Butcher	...	...
... 4	...	6.	Dean.	...	...
...	...			...	...

LOG of the "Guiserpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sat. day, the 26th of July 1879 —
1	9		ESE	NW					4 AM. Fresh breeze & fine
2	9		"	"					
3	9		"	"					
4	9		"	"					
5	9		"	"					8h Increasing breeze & overcast
6	9		"	"					with light showers.
7	9	4	"	"					
8	9	4	"	"					
9	8	4	"	"			30.36	52.	Noon. Moderate wind & fine
10	8	4	"	"					
11	8		"	"					All plain sail set to the
12	8.		"	"					best advantage.
1	9		ESE.	West					4 PM. Moderate breeze & stormy
2	9		"	"					look.
3	9		"	"					
4	9		"	"					
5	6		"	"					8h do do.
6	6		"	"					
7	6		"	"					
8	6		"	"					
9	6		"	"			30.32	52.	Midnight. Pleasant breeze &
10	6		"	"					fine clear look.
11	6		"	"					Crew employed as yesterday
12	6		"	"					

Course SSE Dist. 211 miles — Distance per Log — Variation 12 E

COURSE S 7½ E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 220		Acct. 45° 67S.		Acct. 151° 20E.	6 a.m. 2	Pumps lights & look
Departure 212.8	61S	Obs. 45° 50S.	299.6	Chron. 151° 69E.	Noon	strictly attended to
				Lunars	6 p.m. 2.	
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Golding	From Sunset	to Sunrise
... 8	... 10		Edwards	...	...
... 10	... 12		Harland.	...	...
... 12	... 2		Lugow	...	...
... 2	... 4		Dalow	...	...
... 4	... 6.		Butcher.	...	...
...	...			...	...

LOG of the "Guiserpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sun. day, the 27th of July 1879 —
1	6		ESE.	NW.					4 AM. Moderate breeze & fine
2	6		"	"					clear look.
3	6		"	"					
4	6		"	"					
5	6		"	"					8h do do.
6	6		"	"					
7	6		"	"					
8	6		"	"					
9	6		"	"			30.32	52.	Noon. do do.
10	6		"	"					
11	6		"	"					All square sail set.
12	6		"	"					
1	6		"	"					4 PM. Moderate breeze & fine
2	6		"	"					
3	6		"	"					
4	6		"	"					
5	5		"	NNW					8h do do.
6	5		"	"					
7	5		"	"					
8	5		"	"			30.36	50.	Midnight. Increasing breeze.
9	4	4	"	"					Overcast with misty showers.
10	4	4	"	"					
11	4	4	"	"					Crew employed as before.
12	4	4	"	"					

Course W by S ½ S Dist. 154 Miles — Distance per Log — Variation 15 E

COURSE S 7½ E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 155		Acct. 46° 41S		Acct. 154° 44E	6 a.m. 26	Pumps lights look
Departure 149.6	51S	Obs. 46° 35S	215	Chron. 154° 36E	Noon 26.	strictly attended
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 6		Edwards	From Sunset	to Sunrise
... 8	... 8		Golding	...	...
... 10	... 10		Lugow	...	...
... 12	... 12		Harland	...	...
... 2	... 2		Butcher	...	...
... 4	... 4		Dalow	...	...
...	...			...	...

LOG of the "Equerpe" from Pat Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sun day, the 29th of July 18 89
1	4		E S E.	b2lb.					4 A.M. Light airs & fine
2	4		"	"					
3	4		"	"					
4	4		"	"					
5	4		"	"					8 do do.
6	4		"	"					
7	4		"	"					
8	4		"	"					
9	4		"	"					Noon. do wind & lob
10	4		"	"		3°38	60.		with heavy swell from SW.
11	4		"	"					
12	4		"	"					All square sail set.
1	3		"	"					4 P.M. Light airs & fine
2	3		"	"					
3	3		"	"					
4	3		"	"					8" do do.
5	3		"	"					
6	3		"	b.lb.					
7	3		"	"					
8	3		"	"					
9	3	4	89 W 25	"		3°42	18		Midnight do do.
10	3	4	"	"					
11	3	4	"	"					Crew employed stowing
12	3	4	"	"					dunnage etc.

Course Obs. S 4° 0 W. Dist. 111 Miles. Distance per Log. Variation 15° E.

COURSE S 4° E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 110		Acct. 47' 11S		Acct. 15° 09E	a.m. 2	Pumps lights & look
Departure 105 E.	3'5	Obs. 47' 12S	15'3E.	Chron. 15° 16E.	Noon	out. Strict Lo attended
				Lunars	6 p.m. 2.	to
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
6	8	Lucyon	Sunset	Sunrise
8	10	Edwards		
10	12	Harland		
12	2	Paton		
2	4	Brake		
4	6	Butcher		

LOG of the "Equerpe" from Pat Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Mon day, the 29th of July 18 89
1	3	4	E by S 1/2 S.	E by N.					4 A.M. Pleasant breeze & fine
2	3	4	"	"					
3	3	4	"	"					
4	3	4	"	"					8 do do.
5	6	4	"	"					
6	6	4	"	"					
7	6	4	"	"					
8	6	4	"	"					
9	4		"	"			30.51	18.	Noon. Moderate breeze &
10	4		"	"					cloudy wr.
11	4		"	"					
12	4		"	"					All plain sail set.
1	5	4	E by S 1/2 S	E by N.					4 P.M. Light airs & foggy wr.
2	5	4	"	"					
3	1	4	E S E.	E E.					
4	1	4	"	"					
5	3	4	E by S 1/2 S.	E by N.					8 do do.
6	3	4	"	"					
7	2		S E 1/2 S.	E 1/2 E.					
8	2		"	"					
9	2	4	S by E 1/2 E.	"			30.52	18.	Midnight Light airs & misty
10	2	4	"	"					fair
11	2	4	"	"					Crew employed as before.
12	2	4	"	"					

Course Obs. S 4° E. Dist. 111 Miles. Distance per Log. Variation 15° E.

COURSE S 4° E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 108		Acct. 47' 44S		Acct. 15° 39E	a.m. 2 6	Pumps lights look
Departure 101 E.	3'2S	Obs. 47' 49S	14'9E.	Chron. 15° 46E.	Noon	out. Strict Lo attended
				Lunars	6 p.m. 2 6	to
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
6	8	Harland	Sunset	Sunrise
8	10	Lucyon		
10	12	Paton		
12	2	Butcher		
2	4	Clifford		
4	6	Brake.		

LOG of the "Euterpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sues day, the 30th of July 18 87
1	1	4	S 8 E	N. b.					4 A.M. Light airs & fine
2	1	4	"	"					
3	3		S E by S	E by N.					
4	3		"	"					
5	2	4	"	"					8 " do do.
6	2	4	S by E	"					
7	3		"	"					
8	3		"	"					
9	2		"	"			30.52	48	Noon. Calm & gloomy wb.
10	2		S E	"					
11	0		"	"					
12	0		"	"					
1	2		S by E	W N W.					4 P.M. Light winds & gloomy wb
2	2		"	"					
3	2	4	"	"					
4	2	4	"	"					
5	1		S E by S.	E by N.					8 " do do
6	1		"	"					
7	1		S by E.	E by N.					
8	1		"	"			30.51	48	Midnight do. wind & bar
9	0	4	S E	E by N.					with occasional lightning
10	0	4	"	"					S.E. & Eastward.
11	2		S by E by E.	N.					Crew employed as yesterday
12	2		"	"					

Distance per Log — Variation 15° E

COURSE S 15½ E | Diff. Lat. | LATITUDE. | Diff. Long. | LONGITUDE. | Inches in the Wells. | Bearing and Distance at Noon.

DISTANCE 58 | | Acct. 48° 15 | | Acct. 161° 02' | 6 a.m. 1 | Pumps light & kept
Departure 52 E | | Obs. | | Chron. | Noon | strictly attended
| 26 S | | 38 | Lunars | 6 p.m. 1 | to
| | | | | | Midnt. | Do

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Lucyon	From Sunset	to Sunrise
...	8	... 10	Hailand	...	...
...	10	... 12	Butcher	...	...
...	12	... 2	Paton	...	...
...	2	... 4	Brake	...	...
...	4	... 6	Clifford	...	...
...		...		...	...

LOG of the "Euterpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednes day, the 31st of July 18 87
1	1	4	E by S to E by N						4 A.M. Brake freshening & wee cast wb.
2	1	4	"	"					
3	4	4	E by S	N W					
4	4	4	"	"					
5	5		E ¾ S	"					8 " Moderate breeze & cloudy
6	5		"	"					
7	8		"	"					
8	8		"	"					
9	8	4	E ½ S	"			30.50	48	Noon. Moderate westerly wind & overcast sky.
10	8	4	"	"					
11	8	4	"	"					
12	8	4	"	"					All plain sail pcb.
1	7		E ½ S	"					4 P.M. Moderate increasing breeze & fine
2	7		"	"					
3	7		E ¼ S	"					
4	7								
5	10		E ¼ S	North					8 " Dark wind & overcast sky Handed Main Topgallant & Mizen topmast studsail Fore & mizen topgallant sails
6	10		"	"					
7	10	4	East	"					
8	10	4	"	"					
9	11		"	"					
10	11		"	"			30.42	49	Midnight Wind shifted increasing Handed Main Topgallant sail Crew employed
11	11		"	"					
12	11		"	"					

Distance per Log — Variation 15° E

COURSE S 54° E | Diff. Lat. | LATITUDE. | Diff. Long. | LONGITUDE. | Inches in the Wells. | Bearing and Distance at Noon.

DISTANCE 89 | | Acct. 48° 56 S | | Acct. 163° 19' | 6 a.m. 2 | Pumps kept
Departure 86 E | | Obs. 49° 02' | 131 E | Chron. 163° 55' | Noon | strictly attended
| 25 S | | | Lunars | 6 p.m. 2 | to
| | | | | | Midnt. | Do.

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Hailand	From Sunset	to Sunrise
...	8	... 10	Lucyon	...	...
...	10	... 12	Paton	...	...
...	12	... 2	Braithe	...	...
...	2	... 4	Clifford	...	...
...	4	... 6	Brake	...	...
...		...		...	...

LOG of the "Euterpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 13th of August 1885
1	9	4	East	North					4 A.M. Decreasing breeze & puffy. Set Main Topgallant sail
2	9	4	"	"					
3	9	4	"	"					
4	9	4	"	"					8. breeze still decreasing set Fore & Mizen topgallant sail
5	9	4	"	"					
6	9	4	"	"					
7	9	4	"	"					
8	9	4	"	"			30.24	50.	Noon. Fresh increasing breeze Handed Fore & Middle Topgallant sail
9	10		E½S.	"					
10	10		"	"					
11	10		"	"					
12	10		"	"					
1	9	4	E½S.	North					4 P.M. Fresh breeze & overcast
2	9	4	"	"					
3	9	4	"	"					
4	9	4	"	"					8. do do.
5	9	10	"	"					
6	10		"	"					
7	10		"	"					
8	10		"	"					
9	10		"	"			30.33	48.	Midnight do do.
10	9		"	"					
11	9		"	"					Crew variously employed
12	9		"	"					

Distance per Log — Variation 14° E

COURSE S.88.E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 229		Acct. 48. 54S		Acct. 14. 50E	6 a.m. 2	Pumps, light work
Departure 229	8	Obs.	34.8	Chron.	Noon	steady & under
				Lunars	6 p.m. 1	foo
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Lurgon	From Sunset	to Sunrise
...	8	... 10	Holland	...	...
...	10	... 12	Butcher	...	...
...	12	... 2	Brake	...	...
...	2	... 4	Patow	...	...
...	4	... 6	Clifford	...	...
...		...		...	...

LOG of the "Euterpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 23rd of August 1885
1	10		E½S.	North					4 A.M. Decreasing breeze & cloudy Wet
2	10		"	"					
3	10		"	"					
4	10		"	"					8. Fresh breeze & cloudy Handed Fore Topgallant sail
5	9	4	"	"					
6	9	4	"	"					
7	9	4	"	"					
8	9	4	"	"					
9	9	4	"	"			30.21	46.	Noon. Wind & wet moderating
10	9	4	"	"					
11	10		"	"					
12	10		"	"					
1	9		E½S½E.	"					4 P.M. Moderate breeze & cloudy set the Topgallant sail
2	9		"	"					
3	9		"	"					
4	9		"	"					
5	9		"	"					8. do do.
6	9		"	"					
7	9		"	"					
8	9		"	"			30.30	46.	Midnight dg wind & weather obs.
9	9		"	"					
10	9		"	W½N					
11	8		"	"					Crew employed as per order
12	8		"	"					

Distance per Log — Variation 14° E

COURSE S.8°E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 221		Acct. 48. 51S		Acct. 14. 24E	6 a.m. 2	Pumps light work
Departure 221	17	Obs. 49. 20S	33	Chron.	Noon	not steady at
				Lunars	6 p.m. 2	headed too.
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Holland	From Sunset	to Sunrise
...	8	... 10	Lurgon	...	...
...	10	... 12	Patow	...	...
...	12	... 2	Butcher	...	...
...	2	... 4	Clifford	...	...
...	4	... 6	Brake	...	...
...		...		...	...

LOG of the "Equerpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 3rd of Aug 1889
1	8		E by S ½ S	S by W					4 A.M. Pleasant breeze & fine
2	8		"	"					
3	7		"	"					
4	7		"	"					8" wind gradually Mod. making & fine.
5	5		"	"					
6	5		"	"					
7	4		"	S by W					
8	4		"	"					
9	1	4	"	"			30.20	46	Noon. Light airs & misty wth
10	1	4	"	"					
11	1	4	"	"					All plain sail set.
12	1.	4	"	South					
1	2		E by S ½ S	var.					4 P.M. Light winds with
2	2	4	"	"					Light mist at intervals
3	2	4	E by S	"					
4	2	4	"	"					
5	3		E by S ½ S	"					8" Wind freshening with rain
6	3		"	"					
7	4		E by S	"					
8	4		"	"					
9	4	4	E by S ½ S	"			29.94	46	Midnight. Moderate breeze
10	4	4	"	"					Overcast sky.
11	6		"	"					Crew employed as before.
12	6.		"	"					

Distance per Log

Variation 17° E

COURSE	W by S	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	180		Acct. 48. 51 S		Acct. 178. 26 E	6 a.m. 2	Pumps lights looked
Departure	100 E		Obs. 48. 59 S		Chron.	Noon	after by attended
		116		24'	Lunars	6 p.m. 2	to
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Lucyon	From Sunset	to Sunrise
...	8	...	10	Holland	...	...
...	10	...	12	Butcher	...	...
...	12	...	2	Patow	...	...
...	2	...	4	Brake	...	...
...	4	...	6	Clifford	...	...
...		...			...	...

LOG of the "Equerpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 4th of Aug 1889
1	6	4	E by S ½ S	var.					4 A.M. Increasing breeze &
2	6	4	"	"					puffy with light mist.
3	7		E by S ½ S	"					
4	7		"	"					
5	8		E by S ½ S	"					8" do do.
6	8		"	"					
7	9		"	"					
8	9		"	"					
9	6	4	E by E	S by E			29.72	46	Noon. Moderate pursteady.
10	6	4	"	"					wind & light rain
11	7		"	"					
12	7		"	"					All plain sail set.
1	10		E by E	S by E					4 P.M. Strong breeze & overcast
2	10		"	"					Handed fore & M. mizen top gall
3	10	4	E by S ½ S	"					Lowsail
4	10	4	"	"					
5	10	4	"	"					8" do do.
6	10	4	"	"					
7	10	4	"	"					
8	10	4	"	"			29.18	46	Midnight. Brisk wind
9	10	4	"	"					with steady rain
10	10	4	"	"					
11	10	4	"	"					No work done being sunday.
12	10	4	"	"					

Distance per Log

Variation 17° E

COURSE	N 79° E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	131		Acct. 48. 33		Acct. 179. 18 E	6 a.m. 2	Pumps lights looked
Departure	128 E		Obs.		Chron.	Noon	after by attended
		26 S		196 E	Lunars	6 p.m. 2	to
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Holland	From Sunset	to Sunrise
...	8	...	10	Lucyon	...	...
...	10	...	12	Patow	...	...
...	12	...	2	Butcher	...	...
...	2	...	4	Clifford	...	...
...	4	...	6	Brake	...	...
...		...			...	...

LOG of the "Euterpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. June day, the 4½ of July 1889
1	7	4	SSW½W	SSW.					4 A.M. Wind moderating & fine
2	7	4	"	"					
3	8		"	"					
4	8		"	"					
5	7		"	"					8. do do.
6	7		"	"					
7	7		"	"					
8	7		"	"					
9	7	4	"	"			30.10	48	Noon. Moderate breeze & fine clear wr.
10	7	4	"	"					
11	8		"	"					
12	8		"	"					
1	9		SW.½W	W½W.					4 P.M. Strong breeze with light showers rain
2	9		"	"					
3	9		"	"					
4	9		"	"					
5	5		"	"					8. do do.
6	5		"	"					
7	9	4	"	"					
8	9	4	"	"			30.54	50	Midnight. Fresh breeze & squally.
9	10		"	"					
10	10		"	"					
11	10		"	"					Crew variously employed.
12	10		"	"					

Distance per Log — Variation 17°

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
S 7½ W		Acct. 47° 25'		Acct. 173° 16'	6 a.m. 2	Pumps lights lookout.
DISTANCE 215		Obs. 47° 03'		Chron. 174° 03'	Noon	Steadily attended
Departure 28.42	6.8		3.22	Lunars	6 p.m. 2	Log
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Butcher	From Sunset	to Sunrise
...	8	...	10	Lyon	...	...
...	10	...	12	Patow	...	...
...	12	...	2	Clifford	...	...
...	2	...	4	Wilkes	...	...
...	4	...	6	Brake	...	...
...		...			...	...
...		...			...	...

LOG of the "Euterpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Noon day, the 5½ of Aug 1889
1	9		SW.½W.	W½W.					4 A.M. Increasing breeze & heavy squalls.
2	9		"	"					
3	10		"	"					
4	10		"	"					
5	10		"	"					8. do do.
6	10		"	"					
7	11		"	"					
8	11		"	"					
9	11		SW½W	"			30.42	52	Noon. Strong wind with fierce squalls & heavy rain
10	11		"	"					
11	11		"	"					
12	11		"	"					
1	10		SW.	"					4 P.M. Spoke gale abated by fierce squalls & heavy rain Handed mainsail Hove to under lower topsail reefed fore & main topsails
2	10		"	"					
3	9		"	"					
4	9		"	"					
5	9		SW½W	"					
6	9		"	"					
7	9	4	"	"					8. Wind shifting increasing & squalls moderating
8	9	4	"	"					
9	10		SW	"					
10	10		"	"			29.30	47	Midnight. Fresh gale with fierce squalls & high sea.
11	10	4	"	"					Crew employed. Taken in spit
12	10	4	"	"					Course NW½W 80½ Dist 223

Distance per Log — Variation 16° E

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
W½W		Acct. 46° 09'		Acct. 168° 32'	6 a.m. 2	Pumps lights lookout
DISTANCE 237		Obs. 46° 25'		Chron. 168° 52'	Noon	steadily attended
Departure 231.2	47.2		33.8	Lunars	6 p.m. 2	Log
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Butcher	From Sunset	to Sunrise
...	8	...	10	Patow	...	...
...	10	...	12	Brake	...	...
...	12	...	2	Clifford	...	...
...	2	...	4	Wilkes	...	...
...	4	...	6	Waller	...	...
...		...			...	...
...		...			...	...

LOG of the "Guerpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 1st of May 1887
1	10		EbS.	WSW.					4 AM. Wind moderating with
2	10		"	"					heavy hail squalls
3	10		"	"					
4	10		"	"					
5	9	4	"	SbW					8 do do
6	9	4	"	"					
7	9	4	"	"					
8	9	4	"	"			29.44	44	Noon. Fresh breeze & squally
9	9		EbS½S	SW					
10	9		"	"					All plain sail set
11	9		"	"					
12	9		"	"					
1	9	4	EbS½S	"					4 PM. Moderate breeze & squa
2	9	4	"	"					
3	9	4	"	"					
4	9	4	"	"					
5	8		"	"					8. Wind & Hob. moderating
6	8		"	"					& fine
7	7		"	"					
8	8		"	"					
9	8		"	"					
10	8		"	"			29.50	45	Midnight do do
11	9		"	"					Crew variously employed
12	9		"	"					

Distance per Log — Variation 10°E

COURSE	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
ESE		Acct. 43 44S		Acct. 163 26E	6 a.m. 2 6	Pumps 6 ft 6 in
DISTANCE 230		Obs.		Chron.	Noon	struck & attended
Departure 226	47 N		33 E	Lunars	6 p.m. 2 6	Jos
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
6	8	Brake	Sunset	Sunrise
8	10	Butcher		
10	12	Clifford		
12	2	Lukyon		
2	4	Keane		
4	6	Walters		

LOG of the "Guerpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 4th of May 1887
1	9	4	EbS½S	SbW.					4 AM. Fresh Gale attended
2	9	4	"	"					by heavy hail squalls.
3	9	4	"	West					Handed main t'gallant sail
4	9	4	"	"					& royal & mizen upper t'sail
5	10		"	SbW					
6	10		"	"					8" Wind pipe increasing
7	10		"	"					with high sea.
8	10	4	"	"					
9	11		"	"					
10	11		"	"			29.82	47	Noon. Weather moderating
11	11		"	"					& fine
12	11		"	"					
1	10		ESE½E	West					All plain sail set
2	10		"	"					
3	10		"	"					4 PM. Wind freshening &
4	10		"	"					squally
5	9	4	"	"					
6	9	4	"	"					8" Fresh breeze with moderate
7	11		"	"					squalls & light showers of hail
8	11		"	"					
9	10	4	"	"			29.78	47	Midnight Moderate wind
10	10	4	"	"					& fine clear w.b.
11	10	4	"	"					
12	10	4	"	"					Crew employed as yesterday

Distance per Log — Variation 10°E

COURSE	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
ESE		Acct. 44 54S		Acct. 158 14E	6 a.m. 2	Pumps light ballast
DISTANCE 225		Obs. 44 52S		Chron. 158 11E	Noon	struck & attended
Departure 220	47 N		31 E	Lunars	6 p.m. 2	Jos
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
6	8	Lukyon	Sunset	Sunrise
8	10	Butcher		
10	12	Clifford		
12	2	Walters		
2	4	Keane		
4	6	Brake		

LOG of the "Epulerpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 5th of May 1889 —
1	11		E by N.	West					4 A.M. Brisk breeze & cloudy
2	11		"	"					by light squalls
3	11		"	"					
4	11		"	"					
5	10	4	"	"					S. Increasing breeze & fine
6	10	4	"	"					
7	10		"	"					
8	10		"	"					
9	9	4	"	W by S			29.84	46	Noon Moderate breeze & fine
10	9	4	"	"					clear W by S
11	9	4	"	"					
12	9	4	"	"					All plain sail set
1	8		East	W by S					4 P.M. Moderate breeze & fine
2	8		"	"					with passing clouds
3	8		"	"					
4	8		"	"					
5	6		"	"					S do do.
6	6		"	"					
7	6		"	S by W					
8	6		"	"					
9	5		"	West			29.96	46	Midnight do do.
10	5		"	"					
11	5		"	"					
12	5		"	"					

Crew variously employed
Tradesmen at their trades.

Distance per Log

Variation 12 E

COURSE S 84 E. | Diff. Lat. | LATITUDE. | Diff. Long. | LONGITUDE. | Inches in the Wells.

DISTANCE 223 | Acct. 44. 29S | Acct. 153. 15E | 6 a.m. 2

Departure 221 E | 4 6 | Obs. 44. 27S | 3 22 | Chron. 153. 05 | Noon

Lunars | 6 p.m. 2

Midnt.

Bearing and Distance at Noon.

Pumps lights below
stuck & attended
Do

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Keane	From Sunset	to Sunrise
...	8	... 10	Walker	...	...
...	10	... 12	Scott	...	...
...	12	... 2	Lurgon	...	...
...	2	... 4	Patow	...	...
...	4	... 6	Edwards	...	...
...		...		...	...

LOG of the "Epulerpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tuesday, the 7th of May 1889 —
1	6		East	E by N.					4 A.M. Pleasant breeze & fine
2	6		"	"					with occasionally showers of
3	6		"	"					rain
4	6		"	"					
5	6		"	"					8. do wind & fine clear
6	6		"	"					W by S.
7	6	4	"	"					
8	6	4	"	"					
9	8	4	"	"			30.00	48	Noon Moderate wind & fine
10	8	4	"	"					
11	8	4	"	E by N					All plain sail set to the
12	8	4	"	"					best advantage
1	8		"	E by N					4 P.M. Moderate breeze & fine
2	8		"	"					
3	8		"	"					
4	8		"	"					8 do do
5	8		"	"					
6	8		"	"					
7	6	4	"	"					
8	6	4	"	"			29.82	48	Midnight. Pleasant breeze
9	7		"	"					& fine clear below
10	7		"	"					
11	7		"	"					Crew employed as before.
12	6		E ½ S	E by N.					Tradesmen at their trades

Course W by S ½ S dist. 159 Miles

Distance per Log

Variation 13 E

COURSE S 8° E. | Diff. Lat. | LATITUDE. | Diff. Long. | LONGITUDE. | Inches in the Wells.

DISTANCE 159 | Acct. 44- 3'68 | Acct. 149. 39E | 6 a.m. 2

Departure 159 E | 8 S | Obs. 44- 3'15 | 2 24 E | Chron. 149 39E | Noon

Lunars | 6 p.m. 2

Midnt.

Bearing and Distance at Noon.

Pumps lights below
stuck & attended
Do

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Edwards	From Sunset	to Sunrise
...	8	... 10	Lizyow	...	...
...	10	... 12	Patow	...	...
...	12	... 2	Vallayal	...	...
...	2	... 4	Butcher	...	...
...	4	... 6	Lurgow	...	...
...		...		...	...

LOG of the "Enterpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 10th of Aug 1889
1	6	4	E by S	E by E					4 A.M. Moderate breeze & dull overcast wr.
2	6	4	"	"					
3	4	4	S 88 E	E.					
4	4	4	"	"					
5	4		S by E ½ E	"					8. Increasing breeze & puffy wr. heavy swell from Southward.
6	4		"	"					
7	4		S E by S	E by E					
8	4		"	"					
9	4		S by S	E by E			29.74	48.	Noon. Moderate wind & overcast Sacked ships to the E.
10	4		"	"					
11	4	4	S by E ½ E	East					
12	4	4	"	"					All plain sail set.
1	6		E.	S by E					4 P.M. Fresh wind & overcast Handed three Topgallantsails
2	6		"	"					
3	6		E by S	E.					
4	6		"	"					
5	6		"	"					8. Wind still increasing Reef Foresail
6	6		"	"					
7	6	4	"	"					
8	6	4	"	"					
9	4	4	E by S ½ S	South			29.52	46.	Midnight. Strong breeze & overc Handed Mizzen Topsail & spa Spread employed as yesterday
10	4	4	"	"					
11	4		E ¾ S	"					
12	4			"					

Distance per Log

Variation 13 E

COURSE S by E ½ E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 133		Acct. 145 - 055		Acct. 146 - 276	6 a.m. 2	Pumps lights lookout
Departure 129 E		Obs.		Chron.	Noon	sticky & attended
	34 S		128 E	Lunars	6 p.m. 2	
					Midnt.	100

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Paton	From Sunset	to Sunrise
...	8	...	10	Harland	...	...
...	10	...	12	Butchfield	...	...
...	12	...	2	Brake	...	...
...	2	...	4	Runyon	...	...
...	4	...	6	Clifford	...	...
...		...			...	...

LOG of the "Enterpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 11th of Aug 1889
1	4		East	South					4 A.M. Fresh Gale & squally. Carried away Jib & main
2	4		"	"					it in & replaced it by another
3	4	4	"	"					reefed main Topsail
4	4	4	"	"					Heavy swell from S.E. ship pitching & straining heavily
5	4		"	"					8. Wind moderating set
6	4		"	"					full main Topsail fore & main
7	8		"	"					Topgallantsail
8	8		"	"					
9	9	4	E by S	"					
10	9	4	"	"					
11	9	4	"	"			29.48	46	Noon. Breeze & moderating set Main Topsail & Mizzen T'gall. mast & stay sail
12	9	4	"	"					
1	9		E by S	S by W					4 P.M. Fresh breeze & squally
2	9		"	"					
3	9	4	"	"					Set all sail
4	9	4	"	"					
5	9	4	"	"					8. do do
6	9	4	"	"					
7	9	4	"	"					
8	9	4	"	"					
9	9		"	"			29.62	44	Midnight. Fresh breeze & fine clear wr.
10	9		"	"					
11	9		"	"					
12	9		"	"					No work done it being Sabbath

Distance per Log

Variation 13 E

COURSE E by S	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 155		Acct. 144 - 345		Acct. 142 - 471	6 a.m. 2	Pumps lights lookout
Departure 156 E		Obs. 144 - 445		Chron. 143 - 316	Noon	sticky & attended
	10 S		220 E	Lunars	6 p.m. 2	
					Midnt.	100

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Butcher	From Sunset	to Sunrise
...	8	...	10	Brake	...	...
...	10	...	12	Runyon	...	...
...	12	...	2	Clifford	...	...
...	2	...	4	Walker	...	...
...	4	...	6	Golding	...	...
...		...			...	...

LOG of the "Enterpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Noon day, the 12th of Aug 1889
1	6		E/S E	S S E					4 A.M. Moderate wind with
2	6		"	"					light rain squalls at intervals
3	7		"	"					
4	7		"	"					
5	6	4	"	"					8. do do
6	6	4	"	"					
7	6	4	"	"					
8	6	4	"	"					
9	5		"	"			29.98	46	Noon Light breeze & fine
10	6		"	"					
11	4		"	"					All plain sail set
12	4		"	"					
1	4	4	N E	S E by E					4 P.M. Light breeze & dull gloomy
2	4	4	"	"					wr.
3	5		"	"					
4	5		"	"					
5	5		"	"					8. Moderate wind with light
6	5		"	"					steady rain Handed main
7	7		E by S	"					royal & main topgallant stay
8	7		"	"					
9	6		"	"			29.98	46	Midnight. Moderate breeze &
10	6		"	"					fine clear wr.
11	6		"	"					Crew variously employed
12	6		"	"					Trades men at their trades.

Distance per Log — Variation 12E

COURSE	E by S	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	174		Acct. 44 26S		Acct. 139 24E	6 a.m. 2	Pumps 6 & 8 bottom
Departure	168	45	Obs. 44 26S	214	Chron. 139 24E	Noon	strickly attended
					Lunars	6 p.m. 2	to
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Walker	From Sunset	to Sunrise
...	8	... 10	Clifford	...	...
...	10	... 12	Walters	...	...
...	12	... 2	Lurgan	...	...
...	2	... 4	Golding	...	...
...	4	...	Scott	...	...
...		...		...	...

LOG of the "Enterpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 13th of Aug 1889
1	7		N.	S E by E					4 A.M. Pleasant wind & fine
2	7		"	"					clear wr.
3	7		"	"					
4	7		"	"					
5	7		N N E	"					8. do do
6	7		"	"					
7	7		"	"					
8	7		"	"					
9	7		N E by N	E S E			30.12	46	Noon do do
10	7		"	"					
11	7	4	"	"					All plain sail set to
12	7	4	"	"					the best advantage.
1	8		N E by N	East					4 P.M. Moderate breeze & fine
2	8		"	"					
3	8		"	"					
4	8		"	"					8. Fresh wind & puffy Handed
5	9		N E by E	"					fore & mizen topgallant rails
6	9		"	"					
7	8		"	"					
8	8		"	"			30.10	46	Midnight. Wind increasing
9	9		N by E	N by E					& unsteady Handed
10	9		"	"					main topgallant rail Outer
11	8		"	"					Jib & Reefed fore & mizen topsail
12	8		"	"					Crew employed as before.

Distance per Log — Variation 11E

COURSE	E by N	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	152		Acct. 43 01S		Acct. 136 29E	6 a.m. 2	Pumps 6 & 8 bottom
Departure	126	84	Obs. 44 53S	175	Chron. 134 13E	Noon	strickly attended
					Lunars	6 p.m. 2	to
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Walters	From Sunset	to Sunrise
...	8	... 10	Keane	...	...
...	10	... 12	Golding	...	...
...	12	... 2	Scott	...	...
...	2	... 4	Harland	...	...
...	4	... 6	Lurgan	...	...
...		...		...	...

LOG of the "Europe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 14th of May 1899
1	6		NE by N	E by S.	1pt.				4 AM. Wind still increasing
2	6		"	"	"				Handed mainsail sprung &
3	6		"	"	"				reefed main topsail
4	6		"	"	"				
5	7		"	"	"				
6	7		"	"	"				8. Strong wind & overcast wr.
7	7		"	"	"				
8	7		"	"	"				
9	7		ENE	East	"				
10	7		"	"	"	29.92	48		Noon. Strong breeze with light
11	7		"	"	"				rain
12	7		"	"	"				
1	6		NE by E	E by S	"				4 PM. Increasing breeze with steady
2	6		"	"	"				rain
3	6	4	"	"	"				
4	6	4	"	"	"				8. Wind still moderating set
5	6		"	"	"				reefed mainsail
6	6		"	"	"				
7	5		"	"	"				
8	5		"	"	"				
9	4	4	"	"	"	29.90			Midnight Moderate breeze & overc
10	4	4	"	"	"				Crew variously employed.
11	3		ENE	East					
12	3		"	"					Tradesmen at their work.

Distance per Log — Variation 11°E

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
COURSE E by N		Acct. 42° 06'S		Acct. 131° 57'	6 a.m. 1	Pumps lights look
DISTANCE 180		Obs.		Chron.	Noon	after & attended
Departure 103E	14'76		111'36	Lunars	6 p.m. 1	Doo
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
6	8	Goldsby	Sunset	Sunrise
8	10	Scott		
10	12	Harland		
12	2	Paton		
2	4	Brake		
4	6	Butcher		

LOG of the "Europe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 15th of May 1899
1	2		E 3/4 S.	E by N.	1/2.				4 AM. Light breeze with steady
2	2		"	"	"				rain
3	2		ESE	East	3/4				
4	2		"	"	"				
5	1	4	"	"	"				8. do do.
6	1	4	"	"	"				
7	1	4	"	"	"				
8	1	4	"	"	"				
9	2		NE by E	NE			29.85	84	Noon. Pleasant breeze & fine
10	2		"	"					clear wr.
11	3	4	East	North					Set ale sail
12	3	4	"	"					
1	8		E 1/4 S	NNE					4 PM. Moderate breeze & cloudy
2	8		"	"					
3	7		"	"					
4	7		"	"					
5	7		"	"					8. do do.
6	7		"	"					
7	7		ESE	NE					
8	7		"	"					
9	7		SE by E	ENE			29.94	84	Midnight light breeze & squally
10	4	4	"	"					Handed main royal & fore
11	4	4	E 1/2 S	"					mizen topgallantsails & all low
12	7		"	"					& aft sails
									Crew employed as before

Distance per Log — Variation 9°E

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
COURSE E by S		Acct. 39° 47'S		Acct. 130° 48'E	6 a.m. 2	Pumps lights looked
DISTANCE 78		Obs. ~~130° 48'E~~ 39° 35'S		Chron. ~~130° 17'E~~	Noon	after & attended
Departure 53E	57'2		71'6	Lunars	6 p.m. 2	Doo
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
6	8	Harland	Sunset	Sunrise
8	10	Paton		
10	12	Brake		
12	2	Butcher		
2	4	Clifford		
4	6	Waller		

LOG of the "Euterpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES AND REMARKS. Sat day, the 15 of Aug 18 89
1	9		E½S	NW					4 AM. Moderate winds & cloudy
2	9		"	"					
3	9	4	"	"					5 Set main royal & mizen top-gallant sail
4	9	4	"	"					
5	8	4	"	"					
6	8	4	"	"					8 " do do
7	8	4	"	"					
8	8	4	"	"					
9	9		"	"					
10	9		"	"		29 to.	54		Noon. Moderate & fine
11	9		"	"					
12	9		"	"					All square sail set.
1	10	4	E½S	"					4 PM. Light breze & muster by light squalls.
2	10	4	"	"					
3	10	4	"	"					
4	10	4	"	"					
5	10		"	"					8 " Brisk wind & puffy
6	10		"	"					
7	10		"	"					
8	10		"	"					
9	9	4	"	"			29.74	54	Midnight do do
10	9	4	"	"					
11	9	4	"	"					Crew variously employed
12	9	4	"	"					

Course NbE S 79 E Dist 158 Miles — Distance per Log — Variation 11° E

COURSE	S 82 E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	171		Acct. 40° 02' S		Acct. 130° 37' E	4 p.m. 2	Pumps dry & hooks
Departure	170	24 S	Obs. 40° 18' S	221 E	Chron. 130° 55' E	Noon	chiefly attended
					Lunars	6 p.m. 2	100
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Brake	From Sunset	to Sunrise
...	8	...	10	Butcher	...	...
...	10	...	12	Clifford	...	...
...	12	...	2	Waller	...	...
...	2	...	4	Lucas	...	...
...	4	...	6	Walters	...	...
...		...			...	...
...		...			...	...

LOG of the "Euterpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES AND REMARKS. Sat day, the 15 of Aug 18 89
1	9	4	E½S	NW					4 AM. Fresh breze with
2	9	4	"	"					light showers of rain
3	9	4	"	"					
4	9	4	"	"					
5	9	4	"	"					
6	9	4	"	"					8 " do do
7	9	4	"	"					
8	9	4	"	"					
9	9	4	"	"					
10	9	4	"	"			29.88	52	Noon do do.
11	9		"	"					
12	9		"	"					All square sail set.
1	10		E½S	West					4 PM. Steady breze & fine with
2	10		"	"					light squalls at intervals.
3	9		"	"					
4	9		"	"					
5	8		"	"					
6	8		"	"					8 " do do.
7	8		"	"					
8	8		"	"					
9	8		"	"					
10	8		"	"			29.00	62	Midnight Moderate winds
11	8		"	"					fine clear wthr.
12	8		"	"					Crew employed as yesterday.

Course NbW S 8½ E Dist 232 Miles — Distance per Log — Variation 11° E

COURSE	S 8½ E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	232		Acct. 40° 20' S		Acct. 125° 54' E	4 p.m. 2	Pumps dry 4
Departure	232	12 S	Obs. 40° 08' S	352 E	Chron. 125° 06' E	Noon	lookout strictly
					Lunars	6 p.m. 2	attended 100
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Clifford	From Sunset	to Sunrise
...	8	...	10	Waller	...	...
...	10	...	12	Lucas	...	...
...	12	...	2	Walters	...	...
...	2	...	4	Scott	...	...
...	4	...	6	Lucas	...	...
...		...			...	...

LOG of the "Equerpo" from Port Pire towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sun day, the 19th of Aug 1889
1	7		E by S.	Var.					4 A.M. Unsteady looks & fine
2	7		"	"					attended with light showers
3	7		"	"					of rain
4	7		"	"					
5	6		"	"					
6	6		"	"					8. do do.
7	6		"	"					
8	6		"	"					
9	4	4	"	"		30.10	52		Noon. Pleasant breeze & fine
10	4	4	"	"					clear look.
11	4	4	"	"					
12	4	4	"	"					All square sail pch
1	5	4	E 3/4 S.	West		1/2			4 P.M. Light breeze & fine clear
2	5	4	"	"		"			look.
3	5	4	"	"		"			
4	4	4	"	"		"			
5	4	4	"	"		"			8. do do.
6	4	4	"	"		"			
7	4	4	E by S.	N.W.		"			
8	5	4	"	"		"			
9	3		"	"		"	30.11	54	Midnight. Light airs & overcas
10	3		"	"		"			
11	2		"	"		"			No work done it being sunday
12	2		"	"		"			

Course 06 2 E 3/4 S. dist. 180 Miles. Distance per Log. Variation 11° E

COURSE	10 S by E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	142		Acct. 40° 18S		Acct. 122° 18W	6 a.m. 2	Pumps lights look
Departure	17.2 E		Obs. 40° 18S		Chron. 122° 06W	Noon	chiefly attended
		9.2		22.2 E	Lunars	6 p.m. 2	to.
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Deane	From Sunset	to Sunrise
8	10		Walker		
10	12		Scott		
12	2		Simpson		
2	4		Paton		
4	6		Harland		

LOG of the "Equerpo" from Port Pire towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Mon day, the 19th of Aug 1889
1	3		E by S.	N by W.		3/4 E.			4 A.M. Light airs & fine clear
2	3		"	"		"			look.
3	3		"	"		"			
4	3		"	"		"			
5	3	4	"	"		"			8. do do.
6	3	4	"	"		"			
7	1	4	E 1/2 S.	W by W		5 E.			
8	1	4	"	"		"			
9	3	4	E 1/2 S.	"		2 E.			
10	3	4	"	"		"	30.16	54	Noon. Light breeze & fine
11	4		"	"		"			
12	4		"	"		"			All plain sail pch.
1	3		S 2 1/2 E.	E by S.					4 P.M. Light breeze & fine
2	3		"	"					
3	3	4	S 1/2 E.	"					
4	3	4							8. Moderate wind & overcast
5	3	4	S E.	E by S.					Handed main Royal & Royal
6	3	4	"	"					mainsail
7	3		S E 1/2 S.	"			30.14	53	Midnight Increasing breeze
8	3		"	"					squally with shady rain Hand
9	5		"	"					ed main Royal and mizen Top mast
10	5		"	"					staysails Fore & main Topgallant
11	5	4	"	"					& spencer variously employed.
12	5	4	"	"					

Course to S.E. dist. 84 Miles. Distance per Log. Variation 11° E

COURSE	S 8 E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	84		Acct. 40° 06S		Acct. 120° 13W	6 a.m. 2	Pumps lights look
Departure	8.3 E		Obs. 40° 05S		Chron. 120° 09W	Noon	chiefly attended
		2.6		11.3 E	Lunars	6 p.m. 2	to.
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Golding	From Sunset	to Sunrise
8	10		Patons		
10	12		Harland		
12	2		Butcher		
2	4		Brake		
4	6		Clifford		

LOG of the "Equerpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tues day, the 20th of May 1889.
1	2	5	SE½S	E by E.					4 AM Wind shifted while necessary
2	2	5							with steady gain
3	2	5	SE.	E by S		1½			6 " Handed three upper topsails
4	2	5	SE by S.	ESE.		"			Foresail & mainsail reefed & unne.
5	5		"	"		"			
6	3		SE½S	E by S½S		3			8" Strong gale with heavy NE sea
7	3		"	"		"			ship pitching heavily Handed
8	3		"	"		"			fore & mizen lower topsails
9	1	4	SE by S½S	"		4			
10	1	4	"	"		"	29.54	62	Noon. Strong gale with light
11	1		"	"		"			& heavy head sea. ship pitch
12	1		"	"		"			& labouring heavily.
1	4	4	East	NNE					4 PM. Fresh breeze with with
2	4	4	"	"					heavy swell from NE. Set Fore
3	5	4	"	"					fore mizen topsails three upper
4	6	4	"	"					sail foresail & mainsail
5	7	4	"	"					8" Fresh Gale. handed three
6	7	4	"	"					topsail fore mizen Lower topsa
7	7	4	E½S	NNE					foresail & mainsail
8									
9	6	4	E by S	West	1½		29.70	52	Midnight Strong Gale Ships
10	6	4	"	"	"				hove under Lower main topsail
11	6		"	"	"				& reefed spanker carried away
12	6		"	"	"				fore topmost staysail & remain of lower &

Distance per Log — Variation 11° E.

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
S 33° E.		Acct. 40° 58' S.		Acct. 119° 26' E.	a.m. 2	Pumps light & hoo
DISTANCE 62		Obs.		Chron.	Noon	strictly attended
Departure 33.6	53'		44'	Lunars	6 p.m. 2	
					Midnt.	900.

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 6	to 8		Paton	From Sunset to Sunrise
" 8	" 10		Haulard	" "
" 10	" 12		Butchyes	" "
" 12	" 2		Brake	" "
" 2	" 4		Waller	" "
" 4	" 6		Clifford	" "
"	"			" "

LOG of the "Equerpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednes day, the 21st of May 1889.
1	1		NW	NNW	8pts				6 AM Gale Moderating made
2	1		"	"	"				All necessary sail
3	1		"	"	"				
4	1		"	"	"				8 Fresh breeze & overcast lot.
5	1		WNW	NW	"				
6	1		"	"	"				
7	4		East	"					
8	4		"	"			29.76	52	Noon. Moderate & cloudy
9	8	4	"	"					
10	8	4	"	"					All possible sail set
11	8		"	"					
12	8		"	"					
1	8	4	ESE	"					4 PM Moderate breeze & fine
2	8	4	"	"					lot.
3	8		"	"					
4	8		"	"					
5	9	4	"	"					8" do do do.
6	9	4	"	"					
7	6	4	"	"					
8	6	4	"	"					
9	9	4	"	"			30.02	62	Midnight do do.
10	9	4	"	"					
11	7		"	"					Crew employed fishing & cleaning
12	7		"	"					lower fore topsail yard.

Distance per Log — Variation 11° E.

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
S 41° E.		Acct. 41° 13' S.		Acct. 116° 48' E.	a.m. 2	Pumps light lookout
DISTANCE 120		Obs.		Chron.	Noon	strictly attended
Departure 119	1'48		15'6	Lunars	6 p.m. 2	
					Midnt.	900.

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 6	to 8		Golding	From Sunset to Sunrise
" 8	" 10		Paton	" "
" 10	" 12		Haulard	" "
" 12	" 2		Butchyes	" "
" 2	" 4		Brake	" "
" 4	" 6.		Waller	" "
"	"			" "

LOG of the "Enterprise" from Port Pirie towards Iquique

OCCURRENCES and REMARKS. Thursday, the 22 of Aug 1889

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS.
1	7	4	E by S	West		8 E			4 AM Moderate breeze & cloudy
2	7	4	"	"		"			but.
3	6	4	"	"		"			
4	6	4	"	"		"			
5	6	4	"	"		"			8 do do
6	6	4	"	"		"			
7	7		"	"		"			
8	7		"	"		"			
9	5	4	"	"		"			
10	5	4	"	"		"	30.00	62.	Noon do do.
11	5	4	E by S 1/2 S	"		10 E			
12	5	4	"	"		"			All plain sail set
1	8	4	E by S 1/2 S	NW		13 E			4 PM Moderate breeze & clou
2	8	4	"	"		"			bright at intervals.
3	8	4	"	"		"			
4	8	4	"	"		"			
5	5	4	"	"		"			8 do do loud with misty
6	5	4	"	"		"			rain
7	4	4	"	"		"			
8	4	4	"	"		"	30 19	50.	Midnight Light breeze &
9	4	4	"	"		"			overcast sky.
10	4	4	"	"		"			
11	5		"	"		"			Crew variously employed
12	5		"	"		"			Spademen at their trades

Course NE by E 8 1/2 E Dist. 162 Miles. Distance per Log. Variation 11 E

COURSE	N 88 E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	167		Acct. 41 - 20 S		Acct. 113 - 04 E	a.m. 2	Pumps light cool &
Departure	164 E	7 E	Obs. 41 - 13 S		Chron.	Noon	chiefly attended
					Lunars	6 p.m. 2	to.
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.		
From	6	to	8	Keane	From	Sunset	to Sunrise
...	8	...	10	Clifford	...		...
...	10	...	12	Walker	...		...
...	12	...	2	Lanyon	...		...
...	2	...	4	Dodd	...		...
...	4	...	6	Scott	...		...
...		...			...		...

LOG of the "Enterprise" from Port Pirie towards Iquique

OCCURRENCES and REMARKS. Friday, the 23 of Aug 1889

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS.
1	5	4	E by S	S by W		13 E			4 AM Moderate & overcast
2	5	4	"	"		"			
3	6		"	"		"			
4	6		"	"		"			
5	6		"	"		"			8 do do
6	6		"	"		"			
7	7		"	"		"			
8	7		"	S S W		"			
9	8	4	"	"		"	30.92	49.	Noon do do.
10	8	4	"	"		"			
11	9		"	"		"			All plain sail set to
12	9		"	"		"			the best advantage.
1	8	4	E by S	S S E		15 E			4 PM Moderate breeze & fine
2	8	4	"	"		"			
3	9		"	"		"			
4	9		"	"		"			
5	8	4	E by S 1/2 S	S E 1/2 E		14 E			8 do do loud & overcast
6	8	4	"	"		"			
7	8		"	"		"			
8	8		"	"		"	30 02	49.	Midnight Moderate breeze with
9	7		"	"		"			squalls at intervals
10	7		"	"		"			
11	6		E S E	S E by E		16 E			Crew employed as yesterday
12	6		"	"		"			

Course E by S 1/2 S Dist. 153 Miles. Distance per Log. Variation 11 E

COURSE	E by S 1/2 S	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	156		Acct. 40 - 42 S		Acct. 110 - 08 E	a.m. 2	Pumps light cool &
Departure	152 E	35 E	Obs. 40 - 38 S	2 02 E	Chron. 110 - 15 E	Noon	chiefly attended
					Lunars	6 p.m. 2	to.
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.		
From	6	to	8	Walker	From	Sunset	to Sunrise
...	8	...	10	Keane	...		...
...	10	...	12	Golding	...		...
...	12	...	2	Scott	...		...
...	2	...	4	Harland	...		...
...	4	...	6	Patow	...		...
...		...			...		...

LOG of the *Eulerpe* from *Port Pirie* towards *Iquique*

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 24th of July 1889
1	6		NE	SE by E		3° E			4 A.M. Moderate Rusty-
2	6		"	"		"			wind & fine
3	5	4	NE by E	SE by E		1° E			
4	5	4	"	"		"			
5	6		NE by E	SE by E		2° E			8. do do.
6	6		"	"		"			
7	7		NE by E	E by S.		2° E			
8	7		"	"		"			
9	6	4	E by N	East		2° E	30.5	49.	Noon. Steady breeze & over-
10	6	4	"	"		"			cast.
11	7		"	"		"			
12	7		"	"		"			All plain sail set.
1	7	4	E by N	East		"			4 P.M. Wind freshening & cloudy
2	7	4	"	"		"			Handed the top gallantsails &
3	8		"	"	1 Pt.	2° E			Jib. piped mainyard
4	8		"	"	"	"			
5	6		E by N	E by N	2 "	"			8 Wind still increasing with
6	6		"	"	"	"			light rain Stowed the Upper
7	4		S by E	"	3 "	1° E			topsails mainsail lt reefed. Ship
8	4		"	"	"	"			Lee. Wore ship to S.E.
9	2		SE	E by N	"	1° E			
10	2		"	"	"		30.2	50.	Midnight fresh gale & puffy
11	2		"	"	"				
12	2		"	"	"				Crew various employed.

Distance per Log — Variation 11° E

COURSE	E by S	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	161		Acct. 39° 37' S		Acct. 106° 55' E	6 a.m. 2	Pumps lights low
Departure	156.2		Obs.		Chron.	Noon	strictly attended
		67		26.6	Lunars	6 p.m. 2	
						Midnt.	Log

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 6	to	8	Golding	From Sunset to Sunrise
... 8	...	10	Scott	... ...
... 10	...	12	Harland	... ...
... 12	...	2	Paton	... ...
... 2	...	4	Brake	... ...
... 4	...	6	Butcher	... ...
...	...			... ...

LOG of the *Eulerpe* from *Port Pirie* towards *Iquique*

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 25th of July 1889
1	2	4	SE by S	S by E	3 Pts.	1° E			4 A.M. Brisk gale & squally
2	2	4	"	"	"	"			attended by light rain
3	3		"	"	"	"			
4	3		"	"	"	"			
5	3		SE by S	"	"	"			8° Gale still increasing with
6	3		"	"	"	"			high sea. Stowed Foresail
7	3		"	"	"	"			& mizen Jibs
8	3		"	"	"	"			
9	2		SE by S	"	"	"	29.84	53.	Noon. Strong gale with steady
10	2		"	"	"	"			rain
11	2		"	"	"	"			
12	2		"	"	"	"			Ship under lower topsails
									spanker & fore topmast staysail
1	1		SE	S by E	4 Pts.	1° E			4 P.M. Strong gale with high sea
2	1		"	"	"	"			& heavy rain ship pitching
3	1		"	"	"	"			heavily
4	1		"	"	"	"			8° do do.
5	1		"	"	"	"			
6	1		"	"	"	"			
7	1		SE by S	S by E	"	1° E			
8	1		"	"	"	"	29.76	53	Midday Lt Gale Moderating
9	1		E by S.	S by E.	"	5° E			Lt Foresail upper Jib. Main
10	2		E by E	S by E		3° E			topsails
11	2	4	"	"		"			
12	2	4	"	"		"			No work done it being Sunday

Distance per Log — Variation 11° E

COURSE	S 52° E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	142		Acct. 39° 50' S		Acct. 106° 22' E	6 a.m. 2	Pumps lights low &
Departure	108		Obs.		Chron.	Noon	strictly attended
		138		53.2	Lunars	6 p.m. 3	
						Midnt.	Log

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 6	to	8	Harland	From Sunset to Sunrise
... 8	...	10	Paton	... ...
... 10	...	12	Brake	... ...
... 12	...	2	Butcher	... ...
... 2	...	4	Clifford	... ...
... 4	...	6	Shaw	... ...
...	...			... ...

LOG of the "Esperanza" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Noon day, the 27th of May 1889
1	2	4	E by S.	N by W		1 1/2 E			4 PM Gale, ship'd a mod. sea with high sea.
2	2	4	"			"			
3	2	4	"			"			
4	2	4	"			"			5 Set all sail
5	2	4	"			"			
6	2	4	"			"			8 Light breeze & fine
7	2		"			"			
8	2		"			"			
9	4	4	"			"	29.97	55.	Noon. do do
10	4	4	"			"			
11	6		"			"			
12	6		"			"			
1	8	4	"	"		1 0 E			4 PM Spank breeze & fine
2	8	4	"	"		"			
3	10		"	"		"			
4	10		"	"		"			
5	8		"	"		"			8 do do
6	8		"	"		"			
7	8		"	"		"			
8	8		"	West		"			
9	4		"	"		"	30.10	56.	Midnight Moderate wind & fine with passing clouds
10	4		"	"		"			
11	6	4	"	"		"			
12	6	4	"	"		"			Crew variously employed

Distance per Log — Variation 15 E

COURSE S 32 E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 50		Acct. 39 54S		Acct. 104 58W	6 a.m. 2 6	Pumps 8 strokes
Departure 44 E	4 S	Obs. 39 48S	6 E	Chron. 105 49W	Noon	strictly attended
				Lunars	6 p.m. 2 6	to.
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Brake	From Sunset	to Sunrise
...	8	...	10	Butcher	...	...
...	10	...	12	Clifford	...	...
...	12	...	2	Waller	...	...
...	2	...	4	Keane	...	...
...	4	...	6	Watkins	...	...
...		...			...	...
...		...			...	...

LOG of the "Esperanza" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sun day, the 27th of May 1889
1	4	4	E by S.	West		1 0 E			4 AM Moderate breeze, overcast & bright at intervals
2	4	4	"	"		"			
3	4		"	"		"			
4	4		"	"		"			
5	4	4	"	"		"			8 do do
6	4	4	"	"		"			
7	4	4	"	"		"			
8	4	4	"	"		"			
9	6	4	"	"		"	30.00	56.	Noon. Pleasant, wind & fine clear lob.
10	6	4	"	"		"			
11	6	4	"	"		"			
12	6	4	"	"		"			All plain sail set
1	6	4	N by E	N by W		1 3 E			4 PM Moderate breeze & fine lob.
2	6	4	"	"		"			
3	6		"	"		"			
4	6		"	"		"			
5	4	4	"	"		"			8 do do
6	4	4	"	"		"			
7	5	4	"	"		"			
8	5	4	"	"		"			
9	5	4	E by S	W by N		1 2 E	30.15	56	Midnight Light variable winds & fine lob.
10	5	4	"	"		"			showers of rain
11	4	4	"	"		"			
12	4	4	"	"		"			Crew employed as yesterday

Course & Dist. E by S 166 Miles — Distance per Log — Variation 15 E

COURSE E by S	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 183		Acct. 39 10S		Acct. 104 59W	6 a.m. 2	Pumps 8 strokes
Departure 149 E	38 S	Obs. 39 18S	2 30 E	Chron. 102 19W	Noon 6	strictly attended
				Lunars	6 p.m.	to.
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Harland	From Sunset	to Sunrise
...	8	...	10	Brake	...	...
...	10	...	12	Waller	...	...
...	12	...	2	Butcher	...	...
...	2	...	4	Clifford	...	...
...	4	...	6	Keane	...	...
...		...			...	...
...		...			...	...

LOG of the "Euterpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 28th of August 1889
1	6		E by N	var		10° E			4 AM Light variable winds & fine wb
2	6		"	"		"			
3	6	4	"	"		"			
4	6	4	"	"		"			
5	6	4	"	"		"			8" do do
6	6	4	"	"		"			
7	6	4	"	"		"			
8	6	4	"	"		"			
9	6	4	E by S ½ S	North		9° E	30.02	56.	9 pm Steady breze & fine clear wb
10	6	4	"	"		"			
11	6		"	"		"			
12	6		"	"		"			All plain sail set to the best advantage
1	5	4	E ¾ S	E ½ S		8° E			
2	5	4	"	"		"			4 PM Moderate breze & fine
3	5	4	"	"		"			
4	5	4	"	"		"			
5	6		E ½ S	South		10° E			8 Increasing wind with steady rain
6	6		"	"		"			
7	6		"	"		"			
8	7		S E	S by W		14° E			
9	7		"	"		"	29.83	54.	Midnight Fresh breze & squa
10	7		"	"		"			
11	6	4	"	"		"			Crew variously employed
12	6	4	"	"		"			Tradesmen at their trades

Course 10 b 6 4/8 E Dist 141 Miles — Distance per Log — Variation 17° E

COURSE	E ½ S	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	146		Acct. 38 33S		Acct. 99 18W	a.m. 2	Pumps light Cookroom
Departure	140.6		Obs. 38 4/S		Chron. 99 21	Noon	sheetly attended
		4 3/6		18/6	Lunars	6 p.m. 2	
						Midnt.	9 pm

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Lupton	From Sunset	to Sunrise
...	8	...	10	Walters	...	...
...	10	...	12	Edwards	...	...
...	12	...	2	Golding	...	...
...	2	...	4	Patoz	...	...
...	4	...	6	Harland	...	...
...		...			...	...
...		...			...	...

LOG of the "Euterpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 29th of August 1889
1	10		N E.	N W		14 E			4 AM Brisk wind & squally
2	10		"	"		"			Bright at intervals stowed
3	10		"	"		"			Topsail & Topgallantsail
4	10		"	"		"			
5	10		"	"		"			
6	10		"	"		"			8 Showy braze & clouded
7	10		"	"		"			by Juice squalls & rain
8	10		"	S W		"			
9	10		"	"		"			
10	10		N E ½ E	"		13 E	29.86	63.	9 pm do do
11	10		"	"		"			
12	10		"	"		"			
1	10		N E.	S W		13 E			4 PM Showy braze & squally wb
2	10		"	"		"			
3	10		"	"		"			
4	10		"	"		"			
5	9		"	"		"			8 do do
6	9		"	"		"			
7	9		N E ½ E	"		15 E			
8	9		"	"		"	29.99	54.	Midnight Fresh wind &
9	9		"	"		"			squally with heavy
10	9		"	"		"			showers of rain
11	9		"	"		"			Crew employed repairing
12	9	4	"	"		"			rigging etc.

Course 10 b 6 E ½ E Dist 185 Miles — Distance per Log — Variation 18° E

COURSE	E ½ S	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	191		Acct. 37 20S		Acct. 95 45W	a.m. 2	Pumps light Cookroom
Departure	171.2		Obs. 37 29S		Chron. 95 47	Noon	sheetly attended
		8 7/6		21 6/2	Lunars	6 p.m. 2	
						Midnt.	9 pm

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Edwards	From Sunset	to Sunrise
...	8	...	10	Golding	...	...
...	10	...	12	Patoz	...	...
...	12	...	2	Harlayd	...	...
...	2	...	4	Butcher	...	...
...	4	...	6	Brake	...	...
...		...			...	...
...		...			...	...

LOG of the "Eulerpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES AND REMARKS. Sat. day, the 30th of May 1889
1	9	4	NE½E.	SW.		13E			4 A.M. Weather moderating & fine
2	9	4	"	"		"			
3	9	4	"	"		"			
4	9	4	"	"		"			
5	9	4	"	South		"			8 " do do.
6	9	4	"	"		"			Set all staprails
7	9	4	"	"		"			
8	9	4	"	"		"			
9	8		NE	"		13E	30.33	54	Noon. Pleasant breeze & fine clear wthr.
10	8		"	"		"			
11	7		"	"		"			
12	7		"	"		"			All plain sail set
1	8		"	"		14E			4 P.M. Moderate breeze & fine wthr.
2	8		"	"		"			
3	8		"	"		"			
4	8		"	"		"			8 " do do.
5	6		"	"		"			
6	6		"	"		"			
7	6		"	"		"			
8	6		"	Var.		"	30.48	56	Midnight do do.
9	5		"	"		"			
10	5		"	"		"			
11	5		"	"		"			Crew employed as yesterday
12	5		"	"		"			

Course Obs. N. 57 E Dist. 220 Distance per Log Variation 17E

COURSE NE½E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 219		Acct. 35. 26S		Acct. 92. 06W	6 a.m. 2 6	Pumps light 6 inches
Departure 161E		Obs. 36. 20S		Chron. 92. 12W	Noon ...	steadily attended
	124E		224E	Lunars ...	6 p.m. 2 6	208
					Midnt. ...	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Paton	From Sunset	to Sunrise
... 8	... 10		Edwards	... "	... "
... 10	... 12		Harland	... "	... "
... 12	... 2		Brake	... "	... "
... 2	... 4		Wallen	... "	... "
... 4	... 6		Butcher	... "	... "
...	...			...	...

LOG of the "Eulerpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES AND REMARKS. Sun. day, the 31st of May 1889
1	4	4	NE½E.	NW.		15E			4 A.M. Light unsteady breeze & fine clear wthr.
2	4	4	"	"		"			
3	4	4	"	"		"			
4	4	4	"	"		"			
5	4		NEbE	"		"			8 " do do.
6	4		"	"		"			
7	4		"	"		"			
8	4		"	"		"			
9	3	4	"	"		"	30.55	58	Noon. do hazy & thick
10	3	4	"	"		"			Passed a barque bound South
11	3		"	"		"			
12	3		"	"		"			All plain sail set
1	1	4	"	"		16E			4 P.M. Light airs & calms with fine clear wthr.
2	1	4	"	"		"			
3	1	4	"	"		"			
4	1	4	"	"		"			8 " do do.
5	3		ENE	"		18E			
6	3		"	"		"			
7	1	4	ENE	"		20E			
8	1	4	"	"		"	30.62	58	Midnight do do.
9	1	4	North	"		21E			
10	1	4	"	"		"			Crew employed repairing rigging etc.
11	1	4	"	"		"			Tradesmen at their trades.
12	1	4	"	"		"			

Course Obs. N. 55E Dist. 134 Miles Distance per Log Variation 17E

COURSE N. 5E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 123		Acct. 34- 13S		Acct. 90. 07W	6 a.m. 2	Pumps light 6 inches
Departure 10E		Obs. 34- 04S		Chron. 89. 57W	Noon ...	steadily attended
	6N			Lunars ...	6 p.m. 2	208
					Midnt. ...	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Edwards	From Sunset	to Sunrise
... 8	... 10		Paton	... "	... "
... 10	... 12		Brake	... "	... "
... 12	... 2		Harland	... "	... "
... 2	... 4		Butcher	... "	... "
... 4	... 6		Wallen	... "	... "
...	...			...	...

LOG of the "Eulerpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 1st of September 1889 —
1	1		ESE	var		2° E			4 AM. Light airs & calms with
2	1		"	"		"			passing clouds
3	2		"	"		"			
4	2		"	"		"			
5	2		"	"		"			8° do do.
6	2		"	"		"			Passed a ship going as per
7	1	4	ESE	"		1° E			log.
8	1	4	"	"		"			
9	4		ESE	"		2° E			
10	4		"	"		"	30.05	56	Noon. Light breeze & cloudy
11	3		"	"		"			wet
12	3		"	"		"			All plain sail set.
1	3		South	"		2° E			4 PM. Light variable airs
2	3		"	"		"			& fine
3	3		"	"		"			
4	3		"	"		"			
5	3		"	"		"			8° do do.
6	3		"	"		"			
7	3		SSE	"		2° E			
8	3		"	"		"			
9	3		"	"		"	30.04	59	Midnight do do.
10	3		"	"		"			
11	3		"	"		"			
12	3		"	"		"			No work done being the Sabbath

Distance per Log — Variation 18° E

COURSE E 35° S	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 48		Acct. 33 25.		Acct. 89° 24' W	6 a.m. 2	Pumps light looking
Departure 27.6		Obs.		Chron.	Noon	strictly attended
	39.6		33.8	Lunars	6 p.m. 2	
					Midnt.	200

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Lucyon	From Sunset	to Sunrise
...	8	...	10	Clifford	...	...
...	10	...	12	Walker	...	...
...	12	...	2	Deane	...	...
...	2	...	4	Golding	...	...
...	4	...	6	Scott	...	...
...		...			...	...
...		...			...	...

LOG of the "Eulerpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Monday, the 2nd of Sept 1889 —
1	4		ESE	var		2° E			4 AM. Light breeze & fine
2	4		"	"		"			clear. Wet.
3	4	4	"	"		"			
4	4	4	"	"		"			
5	3	4	"	"		"			8° do do.
6	3	4	"	"		"			
7	3	4	"	"		"			
8	3	4	"	"		"			
9	4	4	"	"		"	30.39	59	Noon. do Cloud & cloudy
10	4	4	"	"		"			
11	4	4	"	"		"			
12	4	4	"	"		"			All square sail set.
1	3	4	ESE	"		2° E			4 PM. Light breeze & overcast
2	3	4	"	"		"			sky
3	3		"	"		"			
4	3		"	"		"			
5	2	4	"	"		"			8° do do
6	2	4	"	"		"			
7	3	4	ESE	"		1° E			
8	3	4	"	"		"	30.53	59	Midnight Moderate variable
9	5		ESE	"		2° E			sky winds & cloudy
10	5		"	"		"			
11	5		ESE	"		1° E			Crew variously employed
12	5		"	"		"			

Distance per Log — Variation 18° E

COURSE E 17° S	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 85		Acct. 32 04.8		Acct. 88° 54.6	6 a.m. 2	Pumps light looking
Departure 25.2		Obs. 31 51.5		Chron. 89 13.6	Noon	strictly attended
	81.2		30.2	Lunars	6 p.m. 3	
					Midnt.	200

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Walker	From Sunset	to Sunrise
...	8	...	10	Lucyon	...	...
...	10	...	12	Golding	...	...
...	12	...	2	Scott	...	...
...	2	...	4	Harland	...	...
...	4	...	6	Pabon	...	...
...		...			...	...
...		...			...	...

LOG of the "Guelpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tues day, the 3rd of Sept. 1889
1	5		E by N	var		1°E			4 A.M. Moderate wind & overcast wh.
2	5		"	"		"			
3	5		"	"		"			with heavy swell from SE.
4	5		"	"		"			
5	5	4	E by S	"		1°E			8° do do
6	5	4	"	"		"			
7	5	4	E by N	"		1°E			
8	5	4	"	"		"			
9	5	4	E	"		1°E	30.12	59	Noon. Increasing breeze & dull overcast wh.
10	5	4	"	"		"			
11	6		E by S	"		1°E			
12	6		"	"		"			All necessary rail set.
1	5	4	E	"		1°E			4 P.M. Fresh breeze & overcast wh.
2	5	4	"	"		"			
3	7		E by S	"		1°E			
4	7		"	"		"			
5	6	4	"	"		"			8° do do
6	6	4	"	"		"			
7	6	4	"	"		"			
8	6	4	"	"		"	30.35	59	Midnight do do
9	6	4	E by N	E by S		"			
10	6	4	"	"		"			Crew employed taking down rigging
11	7	4	"	"		"			
12	7	4	"	"		"			

Distance per Log

Variation 15°E

COURSE E by N	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 111		Acct. 30° 35'S		Acct. 89° 33'W	6 a.m. 1 1/2	Pumps lights looking
Departure 28.7	106	Obs. 30° 29'S	110 E	Chron.	Noon ...	sticky attended
				Lunars	6 p.m. 1 1/2	100
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Lyons	From Sunset	to Sunrise
...	8	... 10	Scott	...	...
...	10	... 12	Harland	...	...
...	12	... 2	Batow	...	...
...	2	... 4	Brake	...	...
...	4	... 6	Butcher	...	...
...		...		...	...

LOG of the "Guelpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 4th of Sept. 1889
1	7		E by S	SE		1°E			4 A.M. Increasing breeze.
2	7		"	"		"			& cloudy wh.
3	6	4	"	"		"			Handed fore & aft sails
4	6	4	"	"		"			
5	7		"	"		"			
6	7		"	"		"			
7	7	4	"	"		"			8° fresh breeze & squally
8	7	4	"	"		"			
9	7	4	"	"		"			
10	7	4	"	"		"	30.22	to.	Noon do do.
11	6	4	"	"		"			
12	6	4	"	"		"			All square sail set
1	7	4	E by S	E by E		1°E			4 P.M. Brisk wind & overcast
2	7	4	"	"		"			
3	7		"	"		"			
4	7		"	"		"			
5	7		"	"		"			8° do do
6	7		"	"		"			
7	7		"	"		"			
8	7		"	"		"			
9	6	4	"	"		"	30.30	to.	Midnight Wind moderating
10	6	4	"	"		"			& squally at intervals.
11	6		"	"		"			
12	6		"	"		"			Crew employed variously

Distance per Log

Variation

COURSE E by S	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 162		Acct. 28° 14'S		Acct. 85° 14'W	6 a.m. 2	Pumps lights looking
Departure 121.8	109	Obs. 28° 46'S	139 E	Chron. 85° 31'W	Noon ...	sticky attended
				Lunars	6 p.m. 2	100
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Harland	From Sunset	to Sunrise
...	8	... 10	Batow	...	...
...	10	... 12	Brake	...	...
...	12	... 2	Beaglehole	...	...
...	2	... 4	Clifford	...	...
...	4	... 6	Walla	...	...
...		...		...	...

LOG of the "Gouverpse" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thurs day, the 5th of Sept 1889
1	7	4	NE½E	SSE		13E			4 A.M. Fresh breeze & headed
2	7	4	"	"		"			by moderate squalls & light
3	6	4	"	"		"			rain
4	6	4	"	"		"			
5	6	4	"	"		"			
6	6	4	"	"		"			8° do do
7	6		"	"		"			
8	6		"	"		"			
9	6		"	"		"			
10	6		"	"		"	30.18	62	Noon Moderate breeze & fine
11	5		"	"		"			but
12	5		"	"		"			All square sail set
1	7		NE	SSE		13E			4 P.M. Moderate breeze & squally
2	7		"	"		"			but
3	7		"	"		"			
4	7		"	"		"			
5	7		"	"		"			8° do do
6	7		"	"		"			
7	6	4	"	"		"			
8	6	4	"	"		11E			
9	6	4	ENE½E	"		"	30.13	62	Midnight fresh wind &
10	6	4	"	"		"			fine
11	7		"	"		"			Crew employed as yesterday
12	7		"	"		"			

Course NE½E" NE½E" 49 E. Dist. 155 Miles — Distance per Log — Variation 15E

COURSE	6.52 E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	154		Acct 24° 09S		Acct 83° 12E	6 a.m. 1 12	Pumps light Lookout
Departure	134		Obs 24° 05S	140E	Chron 83° 20E	Noon ...	stick attended
		94S			Lunars ...	6 p.m. 1 12	
						Midnt. ...	100

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Brake	From Sunset	to Sunrise
... 8	... 10		Butcher	...	...
... 10	... 12		Clifford	...	...
... 12	... 2		Waller	...	...
... 2	... 4		Deane	...	...
... 4	... 6.		Halland	...	...
...	...			...	...

LOG of the "Gouverpse" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sat day, the 7th of Sept 1889
1	7		NE	SSE		13E			4 A.M. Moderate breeze &
2	7		"	"		"			puffy.
3	7		NE½E	SSE		11E			
4	7		"	"		"			
5	7		"	"		"			8° Shady, wind & fine
6	7		"	"		"			clear bob.
7	7		"	"		"			
8	7		"	"		"			
9	7		"	"		"			
10	7		"	"		"	30.16	64	Noon do do
11	7		"	"		"			
12	7		"	"		"			All square sail set to the
1	6		NE½E	SSE					best advantage.
2	6		"	"					4 P.M. Fresh breeze & puffy
3	6		"	"					with overcast sky.
4	6		"	"					
5	6		"	"					
6	6		"	"					8° do do
7	6		"	"					
8	6		"	"					
9	6	4	NE½E	SSE			30.16	64	Midnight Moderate breeze
10	6	4	"	"					& fine
11	7		"	"					
12	7		"	"					Crew employed as before

Course NE½E" SSE" 184 Miles — Distance per Log — Variation 15E

COURSE	N.E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	146		Acct 25° 42S		Acct 80° 14E	6 a.m. 2	Pumps light Lookout
Departure	114E		Obs 25° 35S	16E	Chron 80° 58E	Noon ...	stick attended
		83S			Lunars ...	6 p.m. 2	
						Midnt. ...	100

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Clifford	From Sunset	to Sunrise
... 8	... 10		Lawson	...	...
... 10	... 12		Deane	...	...
... 12	... 2		Waller	...	...
... 2	... 4		Scott	...	...
... 4	... 6.		Goldwin	...	...
...	...			...	...

LOG of the "Enterpe" from Port Pisc towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 7th of Sept 1889
1	6		SbyW	ESE		13E			4 AM Fresh breeze & puffy
2	6		"	"		"			
3	6	4	SbyS	ESE		11E			
4	6	4	"	"		"			8" Moderate wind & fine
5	4	4	"	"		"			
6	4	4	"	"		"			
7	4		SbyW	ESE		13E			
8	4		"	"		"			
9	6		"	"		"	30.4	61	Noon do do
10	6		"	"		"			
11	5		"	"		"			
12	5		"	"		"			All plain sail set
1	6	4	SbyS	var	Lee	12E			4 PM Light breeze & fine
2	6	4	"	"	"	"			
3	6	4	"	"	"	"			
4	6	4	"	"	"	"			8" do do
5	6		ESE	"	"	10E			
6	6		"	"	"	"			
7	6	4	SSE	"	"	11E			
8	6	4	"	"	"	"			
9	5	4	"	"	"	"	30.2	61	Midnight do loud & cloudy
10	5	4	"	"	"	"			wet
11	5		SbyW	"	"	"			
12	5		"	"	"	"			Crew employed cleaning ship

Course SbyE Dist 157 miles — Distance per Log — Variation 14 E

COURSE SbyE	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells	Bearing and Distance at Noon.
DISTANCE 157		Acct. 24 · 17S		Acct. 70 · 44W	6 a.m. 2	Pumps light lookout
Departure 122		Obs. 24 · 15S		Chron. 70 · 24W	Noon ...	sheeby attended
	88		134	Lunars	6 p.m. 2	
					Midnt.	208

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Lingow	From Sunset	to Sunrise
...	8	... 10	Walters	...	...
...	10	... 12	Scott	...	...
...	12	... 2	Golding	...	...
...	2	... 4	Patch	...	...
...	4	... 6	Harland	...	...
...		...		...	...

LOG of the "Enterpe" from Port Pisc towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 8th of Sept 1889
1	5	4	SbyE	var	½ Pt	11E			4 AM Light unsteady wind
2	5	4	"	"	"	"			& overcast wet
3	5	4	ESE	"	"	"			
4	5	4	"	"	"	"			
5	4	4	"	"	"	"			8" do do
6	4	4	"	"	"	"			
7	4		SE	"	"	12E			
8	4		"	"	"	"			
9	4	4	SbyE	"	0	13E			
10	4	4	"	"	"	"	30.1	2to.	Noon Light steady breeze
11	4		"	"	"	"			& gloomy wet
12	5		"	"	"	"			All plain sail set
1	3		ESE	"		4E			4 PM Light unsteady wind
2	3		"	"		"			& fine freshening at intervals
3	4		"	"		"			
4	4		"	"		"			
5	6	4	"	"		"			8" do do
6	6	4	"	"		"			
7	4	4	ESE	"		"			
8	4	4	"	"		"			
9	5	4	ESE	"		5E	30.2	to.	Midnight do do
10	5	4	"	"		"			
11	5	4	"	"		"			No work done it being Sunday
12	5	4	"	"		"			

Distance per Log — Variation 14 E

COURSE SbyE	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells	Bearing and Distance at Noon.
DISTANCE 129		Acct. 23 · 26S		Acct. 70 · 11W	6 a.m. 2	Pumps light lookout
Departure 120		Obs. 23 · 22S		Chron.	Noon ...	sheeby attended
	49		131	Lunars	6 p.m. 2	
					Midnt.	208

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Scott	From Sunset	to Sunrise
...	8	... 10	Valles	...	...
...	10	... 12	Golding	...	...
...	12	... 2	Harland	...	...
...	2	... 4	Bytcher	...	...
...	4	... 6	Pasow	...	...
...		...		...	...

LOG of the "Iquiqpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thurs day, the 9th of Sept 1899 —
1	4	4	S.E. by E.	N.E.		1° E.			4 A.M. Light variable winds &
2	4	4	"	"		"			fine
3	3	4	S.E. by S.	"		"			
4	3	4	"	"		"			
5	4		"	"		"			8" do do
6	4		"	"		"			
7	4		S.E. by E.	"		"			
8	4		"	"		"			
9	4		E. by S.	"		5° E.	30.12	to.	Noon. Light steady breeze &
10	4		"	"		"			fine with passing clouds.
11	4	4	"	"		"			
12	4	4	"	"		"			All plain sail set.
1	4	4	E. by N.	N.E. by E.		4° E.			4 P.M. Light breeze & fine
2	4	4	"	"		"			
3	5		"	"		"			
4	5		"	"		"			
5	5		"	"		"			8. Moderate breeze & gloomy wr
6	5		"	"		"			
7	4		East	N.E.		1° E.			
8	4								
9	5		E. by N.	N.E. by E.		4° E.	30.12	to.	Midnight do do
10	5								
11	4	4	E. by N.	E.		5° E.			Crew employed taking down
12	4	4	"	"		"			Getting cable on deck & anchors ov

Distance per Log — Variation 14° E

COURSE S. by E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 106		Acct. 22° 54' S.		Acct. 71° 24' W.	6 a.m. 2	Pumps lights lookout
Departure 103 E.	236	Obs. 22° 46' S.	112	Chron. 71° 14' W.	Noon	strictly attended
				Lunars	6 p.m. 2	to.
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.		
From 6	to	8	Paton	From Sunset	to	Sunrise
... 8	...	10	Hailand	...	...	
... 10	...	12	Butcher	...	...	
... 12	...	2	Brake	...	...	
... 2	...	4	Waller	...	...	
... 4	...	6	Clifford	...	...	
...	...			...	...	

LOG of the "Iquiqpe" from Port Pirie towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 10th of Sept 1899 —
1	4	4	E. by S.	S.E. by S.		5° E.			4 A.M. Light variable winds
2	4	4	"	"		"			& cloudy
3	5		"	"		"			
4	5		"	"		"			
5	4		"	"		"			8" do do.
6	4		"	"		"			
7	4	4	"	"		"			
8	4	4	"	"		"			
9	5		E. by S.	E. by S.		3° E.	30.12	59.	Noon Steady breeze moderate
10	5		"	"		"			
11	6		"	"		"			All plain sail set.
12	6		"	"		"			
1	6	4	E. by S.	"		1° E.			4 P.M. Steady breeze & cloudy
2	6	4	"	"		"			
3	7		S.E. by E.	"		0°			
4	7		"	"		"			8. do do
5	7		"	"		"			
6	7		"	"		"			
7	7	4	"	"		"			
8	7	4	"	"		"	30.10	to.	Midnight & wind Variable
9	6		"	"		"			
10	6		"	"		"			
11	6		"	"		"			Crew variously employed.
12	5		"	"		"			

Distance per Log — Variation 14° E

COURSE W. by S.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 120		Acct. 22° 30' S.		Acct. 72° 36' W.	6 a.m. 2	Pumps lights lookout
Departure 119 W.	16	Obs. 22° 26' S.	129 W.	Chron.	Noon	strictly attended
				Lunars	6 p.m. 2	to.
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.		
From 6	to	8	Butcher	From Sunset	to	Sunrise
... 8	...	10	Brake	...	...	
... 10	...	12	Waller	...	...	
... 12	...	2	Clifford	...	...	
... 2	...	4	Walker	...	...	
... 4	...	6	Simpson	...	...	
...	...			...	...	

LOG of the *Equerpe* **from** *Port Pirie* **towards** *Iquique*

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednes day, the 11th of Sept 1889
1	4	4	ZBG½E	E&E		9E			4. AM. Light breeze & overcast. ok
2	4	4	"	"		"			
3	4	4	"	"		"			
4	4	4	"	"		"			
5	5		"	"		"			8° do do.
6	5		"	"		"			
7	5		"	"		"			
8	5		"	"		"			
9	5	4	"	"		"			Noon. Mod. breeze & fine.
10	5	4	"	"		"	30.10	62	Sighted land to the Eastward
11	5	4	"	"		"			
12	5	4	"	"		"			All plain sail set.
1	6		SEbS	"		10E			4 PM. Light breeze & fine
2	6		"	"		"			
3	4		ZGlo	"		"			
4	4		"	"		"			
5	3		"	"		"			8° do do.
6	3		"	"		"			
7	2	4	"	"		"			
8	2	4	"	"		"			
9	2		"	"		"			
10	2		"	"		"	30.10	62	Midnight. Light airs & calms.
11	2		"	"		"			& fine clear wb.
12	2		"	"		"			Crew employed as yesterday

Distance per Leg — Variation 13E

COURSE	62 SE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	137		Acct. 21 - 405		Acct. 70 - 1460	a.m. 1	Pumps light & hoolsom
Departure	1316				Chron. 70 - 206	Noon	strictly attended
		406	Obs. 21 - 285	1426	Lunars	6 p.m. 1	100
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Lucyon	From Sunset	to Sunrise
8	10		Clifford		
10	12		Walker		
12	2		Keane		
2	4		Golding		
4	6		Scott		

LOG of the *Equerpe* **from** *Port Pirie* **towards** *Iquique*

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thurs day, the 12th of Sept 1889
1	2		ZGlo	S&E		13E			4 AM. Light airs & calms with
2	2		"	"		"			fine wb.
3	2	4	"	"		"			
4	2	4	"	"		"			
5	2	4	"	"		"			8° do do.
6	2	4	"	"		"			
7	1	4	"	"		"			
8	1	4	"	"		"			
9	1	4	"	"		"			Noon. Light airs & fine clear
10	1	4	"	"		"	30.05	62	wb.
11	1		"	"		"			
12	1		"	SEbS		"			All square sail set.
1									2. PM. Pilot came on board &
2									took charge.
3									3° into Iquique Harbour.
4									& came to an anchor in
5									18 fathom, with 40 fathoms
6									in starboard anchor.
7									
8									4. PM. Stowed sails & cleaned
9									up the decks.
10									
11							30.05	62	Quance O.S. being watchman
12									

Distance per Leg — Variation 13E

COURSE	E by S	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	54		Acct. 20 - 355		Acct. 70 - 0665	a.m. 1	Pumps light hoolsom
Departure	13E				Chron.	Noon	strictly attended
		535	Obs. 20 - 235		Lunars	6 p.m. 1	100
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Walker	From Sunset	to Sunrise
8	10		Keane		
10	12		Golding		
12	2		Scott		
2	4		Hailand		
4	6		Patow		

LOG of the "Enterpe" ~~from~~ Lying at ~~towards~~ Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS.
									Sun day, the 13th of Sept 1889 –
1									
2			Light variable airs & calms with fine wb.						
3			Crew employed cleaning ship outside						
4			Luance O.S. watchman. Bar. 30.06. Ther. 74.						
5									
6									Saturday Sept. 14th 1889 –
7									
8			Light variable airs & fine Crew employed cleaning						
9			ship outside etc. Luance O.S. watchman. Bar. 30.10. Ther						
10									
11									Sunday Sept. 15th 1889 –
12			Light airs & calms & fine wb.						
			Luance O.S. watchman. Bar. 30.08. Ther. 76.						
1									
2									Monday Sept. 16th 1889 –
3									
4			Light breze & fine wb. Crew variously employed.						
5			Luance O.S. watchman. Bar. 30.08. Ther. 65.						
6									
7									Tuesday Sept. 17th 1889 –
8			Light airs & fine Crew employed as yesterday						
9			Luance O.S. Watchman. Bar. 30.10. Ther. 64.						
10									
11									Wednesday Sept. 18th 1889 –
12			Calms throughout the 24.						Towns Crew variously employed
			Luance O.S. Watchman. Bar. 30.08. Ther. 64.						

Distance per Log | Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m. 2	Anchor light out
Departure		Obs.		Chron.	Noon	each night from
				Lunars	6 p.m. 2	Sunset to Sunrise
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
		Thursday Sept 19th to 1889 –		
		Light variable airs & fine Watches	Crew employed as	
		before Luance O.S. Watchman. Bar. 30.08. Ther. 64		

LOG of the "Enterpe" ~~from~~ Lying at ~~towards~~ Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS.
									Sun day, the 15th of Sept 1889 –
1			Light breze & fine Crew variously employed.						
2			Luance O.S. watchman. Bar. 30.08. Ther. 64.						
3									
4									Saturday Sept. 21st 1889 –
5									
6			Calms & fine wb. Crew variously employed.						
7			Scott A.B. went before the consul this morning & was de-						
8			tained in custody. Luance O.S. watchman.						
9			Bar. 30.08. Ther. 62.						
10									
11									Sunday Sept. 22nd 1889 –
12			Light variable winds & fine Luance O.S. watchman.						
			Bar. 30.10. Ther. 62.						
1									
2									Monday Sept. 23rd 1889 –
3									
4			Calms with light var. airs at intervals during the						
5			twenty four hours. Crew employed painting ship outside						
6			over & fitting blocks &c. Scott A.B. still in jail						
7			Luance O.S. watchman. Bar. 30.12. Ther. 66.						
8									
9									Tuesday Sept. 24th 1889 –
10			Light airs & fine the whole of the day. Crew employed						
11			as before. Scott A.B. still in jail Luance O.S. Watchman.						
12			Bar. 30.08. Ther. 64.						

Distance per Log | Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m. 4	Anchor light out
Departure		Obs.		Chron.	Noon to Sunrise	each night from
				Lunars	6 p.m. 2	Sunset to Sunrise
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
		Wednesday Sept. 25th 1889 –		
		Light airs & calms throughout the twenty-four hours.		
		Scott A.B. released from jail to day & has not returned		
		on board. Crew variously employed. Luance O.S. watch-		
		man. Bar. 30.04. Ther. 64.		

LOG of the "Euterpe" ~~from~~ Lying at ~~towards~~ Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thurs day, the 26th of Sept 1889
1									
2			Light breze & calms throughout Crew discharging						
3			Ballast Iquique O.S. watchman. Bar. 30.06. Ther. 62.						
4									
5									Friday 27th Sept 1889 –
6									
7			Light airs & fine wth Crew employed as yesterday –						
8			Iquique O.S. watchman. Bar. 30.12. Ther. 64						
9									
10									Saturday Sept 28th 1889 –
11									
12			Calms & hot pulling wth Crew employed discharging						
			Ballast Iquique O.S. watchman Bar. 30.10. Ther. 62.						
1									
2									Sunday Sept 29th 1889 –
3									
4			Light airs & calms throughout the whole of the day						
5			Iquique O.S watchman Bar. 30.08. Ther. 64.						
6									
7									Monday Sept. 30th 1889 –
8			Light breze & calms at intervals Crew employed						
9			discharging Ballast etc. Iquique O.S. watchman.						
10			Bar. 30.10. Ther. 65.						
11									
12									

Distance per Log

Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m. 1 ft	Anchor lights out
Departure		Obs.		Chron.	Noon 10	each night from
				Lunars	6 p.m. 2	Sunset to Sunrise
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES. Sunday Oct 1st 1889 –	SIDE LIGHTS HUNG OUT. From	to
...	...	Light airs & calms. 8 AM prow in	Starboard	anchor
...	...	Sprounded to suit harbour 9° moored ship Capt giving		
...	...	notice that ship was ready to take in Capt.		
...	...	Iquique O.S. watchman. Bar. 30.10. Ther. 66.	...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the "Euterpe" from Lying at ~~towards~~ Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 2nd of Oct 1889
1									
2			Light breze with cloudy wth Crew employed dis-						
3			charging ballast Iquique O.S. watchman. Bar. 30.10. Ther. 64						
4									
5									Thursday Oct 3rd 1889 –
6									
7			Fresh breze & fine throughout the whole of the day.						
8			Crew employed discharging ballast etc. Iquique O.S.						
9			watchman Bar. 30.9. Ther. 64						
10									Friday Oct 4th 1889 –
11			Light breze with calms at intervals Crew variously employed						
12			Iquique O.S watchman. Bar. 30.02. Ther. 64.						
1									
2									Saturday Oct 5th 1889 –
3			Calms throughout the twenty four hours. Crew variously						
4			employed Iquique O.S. watchman. Bar. 30.05. Ther. 62.						
5									
6									Sunday Oct 6th 1889 –
7			Light breze with hot pulling wth Iquique O.S watchman.						
8			Bar. 30.08. Ther. 62.						
9									Monday Oct 7th 1889 –
10			Light airs & fine wth Crew employed scrubbing decks etc.						
11			Iquique O.S watchman. 30.10 Ther. 66.						
12									

Distance per Log

Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m. 2 inches	
Departure		Obs.		Chron.	Noon 10	
				Lunars	6 p.m. 2 inches	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES. Tuesday Oct 8th 1889 –	SIDE LIGHTS HUNG OUT. From	to
...	...	Light breze & moorcot wth Crew employed as yesterday	...	...
...	...	Iquique O.S watchman. Bar. 30.08. Ther. 64.	...	...
...	...		...	...
...	...	Wednesday Oct 9th 1889 –	...	...
...	...	Light breze & fine the whole of the day Crew	...	...
...	...	employed as before. Bar. 30.08. Ther. 68.	...	...

LOG of the "Euterpe" ~~from~~ Lying at ~~towards~~ Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thurs day, the 10th of Oct 1889
1			Calms & fine throughout. Crew employed stowing deck etc.						
2			Quance U.S. watchman. Bar. 3018. Ther. 64.						
3									
4									Friday Oct 11th 1889.
5			Light breze & overcast. Crew employed scrubbing forecas						
6			boat working decks etc, Quance U.S. watchman Bar. 3018.						
7			Ther. 66.						
8									Saturday Oct 12th 1889.
9									
10			Light airs & calms throughout the twenty four hours. Crew						
11			variously employed. Quance U.S. watchman Bar. 3012. Ther 65.						
12									
1									Sunday Oct 13th 1889.
2			Calms & hot sultry wr.	Quance U.S. watchman Bar. 3010 Ther					
3									
4									Monday Oct 14th 1889.
5			Calms with light airs at intervals during the day Crew						
6			employed. Painting ships outside. Quance U.S. watchman						
7			Bar. 3010 Ther. 66.						
8									Tuesday Oct 15th 1889.
9			Light breze & fine throughout. Crew variously employed.						
10			Quance U.S. watchman. Bar. 3010. Ther. 67.						
11									
12									

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m. 1	All through the watch
Departure		Obs.		Chron.	Noon ...	
				Lunars	6 p.m. 1	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES. Wednesday Oct 16th 1889.	SIDE LIGHTS HUNG OUT. From	to
...	...	Light breze with calms at intervals during the twenty	...	...
...	...	four hours Crew employed as before Quance U.S. watch	...	...
...	...	man. Bar. 3009. Ther 67.	...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the Euterpe ~~from~~ Lying at ~~towards~~ Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thurs day, the 17th of Oct 1889
1									
2			Calms & fine throughout. Crew variously employed.						
3			Quance U.S. watchman. Bar. 3009. Ther 67.						
4									
5									Friday Oct 18th 1889.
6									
7			Light breze with calms at intervals during the twenty four						
8			hours. Crew employed filling ballast sacks &c. Quance U.S.						
9			watchman Bar. 3005. Ther. 66.						
10									Saturday Oct 19th 1889.
11			Light breze & fine throughout. Crew employed as yesterday						
12			Quance U.S. watchman Bar. 3002 Ther. 64.						
1									
2			Calms & fine the whole of the twenty four hours						Sunday Oct 20th 1889.
3			Quance U.S. watchman Bar. 3002. Ther. 64.						
4									
5									Monday Oct 21st 1889.
6			Light breze throughout the day Crew employed.						
7			filling ballast sacks etc. Quance U.S. watchman. Bar. 3002						
8			Ther. 69.						
9									Tuesday Oct 22nd 1889.
10			Calms with hot sultry wr. Crew employed taking in cargo						
11	X		taken on board. 650 bags rice Quance U.S. watchman						
12			Bar. 3010. Ther. 70.						

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m. 1	All through the watch
Departure		Obs.		Chron.	Noon ...	
				Lunars	6 p.m. 1	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES. Wednesday Oct 23rd	SIDE LIGHTS HUNG OUT. From	to
...	...	Light breze & calms at intervals throughout. Took on	...	...
...	...	bags rice & discharged 20 tons ballast. Crew employed taking in	...	...
...	...	cargo Quance U.S. watchman Bar. 3011 Ther. 71.	...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the "Guerpe" ~~from~~ Lying at ~~towards~~ Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 24th of Oct 1889 —
1			Light breze & fine the whole of the hours						
2			Took in 430 bags Nitrate discharged 380 bags ballast						
3			Crew employed discharging & taking in bags Luance						
4			O.S watchman Bar. 30.08. Ther. 71.						
5									Friday Oct 25th 1889 —
6									
7			Calm & hot sultry wr throughout discharged 430 nacts						
8			ballast Took in 410 bags Nitrate Crew employed as						
9			yesterday Luance O.S. watchman Bar. 30.10. Ther. 72.						
10									
11									Saturday Oct 26th 1889 —
12									
			Light breze with calms at intervals the whole of the						
1			day Crew variously employed Luance O.S watchman						
2			Bar. 30.11. Ther. 70.						
3									Sunday Oct 27th 1889 —
4									
5			Calm & fine throughout Luance O.S watchman						
6			Bar. 30.10. Ther. 68						
7									Monday Oct 28th 1889 —
8									
9			Calm & fine the whole of the day being also a surf-						
10			Crew employed making ballast Luance O.S. Watch-						
11			Bar. 30.10 Ther. 71.						
12									

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m. 1	Through the week
Departure		Obs.		Chron.	Noon ... 1 1/2	
				Lunars	6 p.m. 1	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES. Tuesday Oct 29th 1889 —	SIDE LIGHTS HUNG OUT. From	to
...	...	Light breze & calm at intervals throughout being also	...	...
...	...	discharged 300 bags ballast Crew employed	...	...
...	...	discharging ballast &c. Luance O.S. watchman	...	...
...	...	Bar. 30.06. Ther. 69.	...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the "Guerpe" ~~from~~ Lying at ~~towards~~ Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 30th of Oct 1889 —
1			Light breze & fine throughout discharged 532 bags						
2			ballast Crew employed discharging Luance watchman						
3			Bar. 30.10. Ther. 70.						
4									Thursday Oct 31st 1889 —
5									
6			Calm & fine wtr discharged 380 bags ballast Crew						
7			employed discharging ch. Luance O.S. watchman						
8			Bar. 30.08. Ther. 66.						
9									Friday Nov. 1st 1889 —
10									
11			Light breze & fine throughout discharged 260 bags						
12			Ballast Crew employed discharging Luance O.S.						
			watchman Bar. 30.06. Ther. 69 —						
1									
2									Saturday Nov. 2nd 1889 —
3									
4			Light breze & calm at intervals during the day						
5			Took in 660 bags Nitrate discharged 240 bags sand						
6			Crew employed & Crew in cargo & discharging Ballast						
7			Luance O.S. watchman Bar. 30.08. Ther. 71.						
8									
9									Sunday Nov. 3rd 1889 —
10			Calm & fine with sultry wr. Luance O.S watchman						
11			Bar. 30.08. Ther. 70						
12									

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m. 1	Through the week
Departure		Obs.		Chron.	Noon ... 1 1/2	
				Lunars	6 p.m. 2	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES. Monday Nov 4th 1889 —	SIDE LIGHTS HUNG OUT. From	to
...	...	Light breze & fine throughout Took in 1515	...	...
...	...	bags Nitrate Crew employed taking in cargo.	...	...
...	...	Luance O.S. watchman Bar 30.08 Ther 70.	...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the Equerpe from Lying at towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 6 of Nov 1889
1			Light breze & fine	took in	1230	sacks Nitrate	Crew		
2			employed taking	in	cargo.	Luance	U.S.	watchman	
3			Bar. 30.08.	Ther. 70					
4									
5									Wednesday Nov. 6th. 1889 —
6									
7			Light breze & calms at intervals during the day						
8			cargo Nes being a wet day		Crew		laboriously	employed	
9			Luance	U.S.	watchman.	Bar.	30.08	Ther.	70.
10									
11									Thursday Nov 7th 1889 —
12									
			Calm & fine	took	throughout.	Crew	employed	handy	
1			sail.	&c	Luance	U.S.	watchman.	Bar	30.06 Ther 7
2									
3									Friday Nov 8th 1889 -
4									
5			Calm & fine	throughout	the	whole	of the	day	Took
6			in 1048	sacks	nitrate	Crew	employed	taking	in
7			cargo	Luance	U.S	watchman	Bar	30.10	Ther 70
8									
9									Saturday Nov 9th 1889 —
10			Light breze	with	calms	at	intervals	Took	in 900 sacks
11			Nitrate	Crew	employed	taking	in	cargo	Luance U.S.
12			watchman	Bar.	30.02	Ther.	70.		

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m. 2	Throughout the week.
Departure		Obs.		Chron.	Noon ...	
				Lunars	6 p.m. 2	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES. Sunday Nov 10th 1889 —	SIDE LIGHTS HUNG OUT. From	to
...	...	Calm & fine throughout Luance U.S watchman	...	...
...	...	Bar. 30.02. Ther. 70.	...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the Equerpe from Lying at towards Iquique

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Mon day, the 11 of Nov. 1889
1			Light breze	throughout					the twenty four hours.
2			Took in 615	sacks	Nitrate	Crew	employed	taking	in
3			cargo & preparing	ship	for	sea.	Luance	U.S.	watchman
4			Bar. 30.08.	Ther. 70.					
5									Tuesday Nov 12th 1889 —
6									
7			Calm & fine	the	whole	of the	day	Took	in 900
8			Sacks	Nitrate	Crew	employed	taking	in	cargo
9			Luance	U.S.	watchman.	Bar.	30.06	Ther 70.	
10									
11									Wednesday Nov 13th 1889 —
12									
			Light breze & calm	at	intervals	during	the	twenty	four
1			hours. Took	in	400	sacks	Nitrate	Crew	employed
2			as yesterday	Luance	U.S.	watchman	Bar	30.08	Ther 71.
3									
4									Thursday Nov 14th 1889 -
5									
6			Light breze & fine	throughout.	Took	in	380	sacks	Nitrate
7			Crew employed	taking	in	cargo	&c.	Luance	U.S. watch-
8			man	Bar.	30.06.	Ther.	71.		
9									Friday Nov 15th 1889 -
10			Calm & fine	&c.	Took	in	222	sacks	Nitrate Crew
11			employed as	yesterday	Luance	U.S.	watchman.		
12			Bar. 30.08.	Ther. 71.					

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m. 2	Through the week.
Departure		Obs.		Chron.	Noon ...	
				Lunars	6 p.m. 2	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES. Saturday Nov 16th 1889 —	SIDE LIGHTS HUNG OUT. From	to
...	...	Light breze with calms at intervals	Took	in 910 sacks
...	...	Nitrate Crew employed taking in cargo	Luance	U.S watch-
...	...	Bar. 30.10. Ther 68.	...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the *Equator* from *Lying at* towards *Iquique*

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. *Sunday*, the *17th* of *Nov.* 1889
1			Calm & fine Quance U.S. watchman Bar 30.10 Ther 70						
2									
3									Monday Nov. 18th 1889
4									
5			Light breze & fine throughout Took in 465 sacks Nit						
6			which completed the loading Crew employed taking						
7			in cargo Quance U.S. watchman Bar 30.10 Ther 70						
8									
9			Draft of water 21 Ft. 3 ins Forward						
10			" " " 20 " 11 " Aft.						
11									Tuesday Nov. 19th 1889
12									
1			Light breze & calms the whole of the twenty four hours						
2			Took in stern moorings & hove in to thirty fathoms on						
3			starboard anchor Crew employed unbending ships etc.						
4			Quance U.S. watchman Bar 30.09 Ther 70						
5									
6									
7									
8									
9									
10									
11									
12									

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT.		MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	to		From	to
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the *Equator* from *Iquique* towards *Falmouth*

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. *Wednesday*, the *20th* of *Nov.* 1889
1									
2			Calm & fine 9 A.M. Loosed sails & made all clear						
3			for proceeding to sea						
4									
5									
6			Noon Pilot came on board. Still calm with sultry						
7			wr.						
8									
9									
10									
11									
12									
1									3 PM. Hove up starboard anchor & proceeded to sea
2									4. Pilot left the ship
3									5. Cleared up decks & set
4									watches.
5									8-20 Iquique Light bearing E by S.
6									dist 9 miles S.W. S by W.
7									
8									
9	/		S by E	Var.		3 E			8 Light breze & cloudy W.S.W.
10	/		"	"		"			9 Iquique Light dipped bearing
11	/		S by W	"		"			E by S. dist 15 Miles
12	/		"	"		"			4 from whence I take my

Distance per Log — Variation *Departure*

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	the direct Light ans & fine
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT.		MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	to		From	to
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the "Enterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thurs day, the 21st of Nov 1889
1	1		SbyW.	Var.		2°E			4 A.M. Light airs & Overcast bo
2	1		"	"		"			
3	1	4	WSW.	South		2°E			
4	1	4	"	"		"			
5	1	4	"	"		"			8° do do.
6	1	4	"	"		"			
7	1		"	"		"			
8	1		"	"		"			
9	1		SbyW.	"		"			
10	1		"	"		"	30.08	70	Noon do do.
11	1	4	"	"		"			
12	1	4	"	"		"			All plain sail set to the best advantage.
1	3	4	SbyWbyW.	SbyE		"			
2	3	4	"	"		"			4 P.M. Moderate breezy & overcast
3	4		"	"		"			passed a bayque bound South
4	4		"	"		"			
5	4		SbyW.	SSE.		2°E			
6	4		"	"		"			8° do do.
7	2	4	SbyW	ESE.		2°E			
8	2	4	"	"		"			
9	4		SbyW.	SSE		2°E	30.02	68	Midnight Light airs & fine
10	4		"	"		"			Hove in Anchors & cables
11	1	4	SbyWbyW.	SbyE.		2°E			Crew variously employed.
12	1	4	"	"		"			Tradesmen at their trades

Distance per Log — Variation 13E

COURSE	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
SbyW		Acct. 20 - 10 S		Acct. 70 56 W	6 a.m. 2	Pumps, light & hot
DISTANCE 40		Obs.		Chron.	Noon	wheely attended
Departure 40 W	1W		44W	Lunars	6 p.m. 2	do
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to	8	Lucy an	From Sunset	to Sunrise
... 8	...	10	Edwards	...	...
... 10	...	12	Harland	...	...
... 12	...	2	Paton	...	...
... 2	...	4	Brake	...	...
... 4	...	6	Butcher	...	...
...	...			...	...

LOG of the Enterpe from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tues day, the 22 of Nov 1889
1	2	4	SbyW	NbyE		2°E			4 A.M. Light airs & cloudy bo
2	2	4	"	"		"			
3	2		SbyW	SSE.		2°E			
4	2								
5	2	4	SW	SbyE		2°E			8" do do.
6	2	4	"	"		"			
7	2	4	SbyW	"		"			
8	2	4	"	"		"			
9	3		SWbyW	SbyEbyE		2°E			
10	3		"	"		"	30.08	66	Noon do do Wind & bale
11	2	4	"	"		"			
12	2	4	"	"		"			All plain sail set
1	3	4	SbyW	SbyS½E					4 P.M. Light breezy & cloudy
2	3	4	"	"					
3	3	4	"	"					
4	3	4	"	"					
5	4		SbyW.	SbyE.					8" do do.
6	4		"	"					
7	3		"	"					
8	3		"	"					
9	4		"	"			30.08	67	Midnight Variable airs & cloudy
10	4		"	"					
11	3	4	SbyW	"					Crew variously employed.
12	3	4	"	"					

Distance per Log — Variation 13E

COURSE	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
SSW		Acct. 20. 18S		Acct. 72. 19W	6 a.m. 2	Pumps light Hookah
DISTANCE 196		Chron.		Chron. 72. 50W	Noon	wheely attended
Departure 64	8'S	Obs. 20. 30S	436	Lunars	6 p.m. 2	do
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to	8	Edwards	From Sunset	to Sunrise
... 8	...	10	Paton	...	...
... 10	...	12	Brake	...	...
... 12	...	2	Harland	...	...
... 2	...	4	Butcher	...	...
... 4	...	6	Waller	...	...
...	...			...	...

LOG of the *Enterpe* from *Iquique* towards *Falmouth*

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sabbath day, the 23rd of Nov. 1889
1	2	4	SbyW	var					4 AM. Light variables winds & clou
2	2	4	"	"					bdy.
3	3		"	"					
4	3		"	"					8. do do
5	3		"	"					
6	3		"	"					
7	3		SW	"					
8	3		"	"					
9	2		SbyS	"			30.00	67	Noon do do
10	2		"	"					
11	2		"	"					All plain rail pch
12	2		"	"					
1	2	4	SbyW	SSE.		1°E.			4 PM. Light breze & cloudy bdy
2	2	4	"	"		"			
3	2	4	"	"		"			
4	2	4	"	"		"			
5	2		"	"		"			8. do do
6	2		"	"		"			
7	2		"	"		"			
8	2		"	"		"			
9	2	4	"	"		"	30.05		Midnight do wind & bdy
10	2	4	"	"		"			
11	2		"	"		"			Crew variously employed
12	2		"	"		"			

Distance per Log — Variation 13°E

COURSE S 44°W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 73		Acct. 21° 00'		Acct. 73° 31'W	6 a.m. 2	Pumps light & bdy
Departure 64		Obs. 20° 15'		Chron.	Noon	strictly attended
	30'S		1°16'	Lunars	6 p.m. 2	
					Midnt.	100

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Paloy	From Sunset	to Sunrise
8	10		Harlands		
10	12		Batchus		
12	2		Brake		
2	4		Waller		
4			Clifford		

LOG of the *Enterpe* from *Iquique* towards *Falmouth*

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday day, the 24th of Nov. 1889
1	3		SbyW	var.		1°E			4 AM. Light variable winds
2	3		"	"		"			& cloudy bdy
3	3		"	"		"			
4	3		"	"		"			
5	3	4	"	"		"			8. do do
6	3	4	"	"		"			
7	3	4	"	"		"			
8	3	4	"	"		"			
9	3	4	"	"		"	30.02	64	Noon do do
10	3	4	"	"		"			
11	3		"	"		"			
12	3		"	"		"			All plain rail pch
1	3	4	"			"			4 PM. Moderate breze & overcast
2	3	4	"			"			
3	4		SbyW	SSE.		"			
4	4		"	"		"			8. do do
5	3	4	"	"		"			
6	3	4	"	"		"			
7	5		SW.	S&yS		15°E			
8	5		"	"		"			
9	5		SbyW	SE.		"			Midnight do do
10	5		"	"		"			
11	4	4	"	"		"			Crew employed as yesterday
12	4	4	"	"		"			

Distance per Log — Variation 13°E

COURSE S 73°W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 64		Acct. 20° 31'S		Acct. 74° 46'W	6 a.m. 2	Pumps light breeze
Departure 61		Obs. 20° 27'S		Chron.	Noon	strictly attended
	19S		15'W	Lunars	6 p.m. 2	
					Midnt.	100

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Batchus	From Sunset	to Sunrise
8	10		Paloy		
10	12		Brake		
12	2		Clifford		
2	4		Walters		
4			Waller		

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thurs day, the 25th of Nov. 1889.
1	4	4	S to ¼S.	var		1½E			4 A.M. Moderate breze & cloudy
2	4	4	"	"		"			wbr.
3	4	4	SW ¼ S	"		"			
4	4	4	"	"		"			
5	4	4	"	"		"			8. do do.
6	4	4	"	"		"			
7	4	4	"	"		"			
8	4	4	"	"		"			
9	4	4	"	"		"	30.00	66	Noon do wind & wbr.
10	4	4	"	"		"			
11	4	4	"	"		"			All plain sail set.
12	4	4	"	"		"			
1	4	4	"	S E		2¾E			4 P.M. Moderate breze & cloudy
2	4	4	"	"		"			
3	5		"	"		"			
4	5		"	"		"			
5	5		"	"		"			8. do do.
6	5		"	"		"			
7	5		SW ¼ S ¼ S	var		"			
8	5		"	"		"			
9	5	4	S SW.	S E ¼ E.		2¾E	30.06	66.	Midnight. Moderate winds fre-
10	5	4	"	"		"			quent at intervals. Overcast wbr.
11	5	4	S ¼ W ½ S	var		2½E			
12	5	4	"	"		"			Crew variously employed.

Distance per Log — Variation 13° E.

COURSE	S 5½W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	104		Acct. 21° 28' S		Acct. 76° 40'6 W	6 a.m. 1	Pumps lights & look
Departure	9'4 W.		Obs. 21° 14' S		Chron.	Noon	ship Shelby attended
		6'5		9'6.	Lunars	6 p.m. 1	100
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 1	to 8		Brape	From Sunset to Sunrise
... 8	... 10		Clifford	... ...
... 10	... 12		Walker.	... ...
... 12	... 2		Keane	... ...
... 2	... 4		Waller	... ...
... 4	... 6		Edwards.	... ...
... 6	...			... ...

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 27th of Nov. 1889.
1	5	4	S S W.	S E ¼ E		2¾E			4 A.M. Moderate breze & overcast
2	5	4	"	"		"			wbr.
3	5	4	"	"		"			
4	5	4	"	"		"			
5	5		"	"		"			8. do do.
6	5		"	"		"			
7	5	4	S ¼ W ½ S	S E		2¾E			
8	5	4	"	"		"			
9	6		"	"		"	30.00	66.	Noon. Pleasant breze & fine
10	6		"	"		"			clear wbr.
11	6		"	"		"			
12	6		"	"		"			All plain sail set to the best advantage.
1	6		S ¼ W ½ S	"		2¾E			
2	6		"	"		"			4 P.M. Steady breze & fine
3	6		"	"		"			clear wbr.
4	6		"	"		"			
5	6		S ¼ W ½ S ¾ S	S E ¼ E		2¾E			
6	6		"	"		"			8. do do.
7	6		"	"		"			
8	6		"	"		"			
9	6		S ¼ W ½ S ¾ S	S E.		"	30.11	64	Midnight Do Do.
10	6		"	"		"			
11	6	4	"	"		"			Crew variously employed.
12	6	4	"	"		"			

Distance per Log — Variation 13° E.

COURSE	S 6½W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	129		Acct. 22° 29' S		Acct. 78° 5'6 W	6 a.m. 1	Pumps lights & look
Departure	105'6 W.		Obs. 22° 21' S		Chron. 79° 5'6 W	Noon	out ship Shelby attended
		7'5		11'6	Lunars	6 p.m. 1	100
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 6	to 8		Waller	From Sunset to Sunrise
... 8	... 10		Brape	... ...
... 10	... 12		Waller.	... ...
... 12	... 2		Edwards	... ...
... 2	... 4		Harland	... ...
... 4	... 6		Keane	... ...
...	...			... ...

LOG of the "Guerpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 27th of Nov 1889
1	6		SWbyS½S	S&E	2½E				4 A.M. Moderate breeze & cloudy
2	6		"	"	"				
3	6		"	"	"				
4	6		"	"	"				
5	5		SbyW½W	E S&E	2½E				8" Do Do
6	5		"	"	"				
7	5		"	"	"				
8	5		"	"	"				
9	4	4	SWbyS½S	S&E	2½E		30.10	64	Noon. Light breeze & fine clear
10	4	4	"	"	"				
11	4	4	"	"	"				All plain sail set.
12	4	4	"	"	"				
1	7		SW.	S&EbyS.	8°	2½E			4 P.M. Moderate breeze freshening
2	7		"	"	"	"			at intervals with passing clouds
3	7		"	"	"	"			
4	7		"	"	"	"			
5	7		SbyW½W	S&E½E		2½E			8" Do Do
6	7		"	"	"	"			
7	6		SSW.	S&EbyE		2½E			
8	6		"	"	"	"			
9	6		"	"	"	"	30.10	68	Midnight Do Do.
10	6		"	"	"	"			
11	6		"	"	"	"			Crew variously employed.
12	6		"	"	"	"			Tradesmen at their trades.

Course Obs S 52½W Dist 130 Miles — Distance per Log — Variation 14 E

COURSE S 52½W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 134		Acct 28 . 44		Acct 80 . 59½	6 a.m. 1	Pumps lights & hatches
Departure 106½		Obs. 28 . 44		Chron. 80 . 53½	Noon ...	strictly attended Do
	83 S		115½	Lunars	6 p.m. 1	
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Brake	From Sunset	to Sunrise
... 8	... 10		Edwards	...	...
... 10	... 12		Harland	...	...
... 12	... 2		Walker	...	...
... 2	... 4		Deane	...	...
... 4	... 6		Butcher	...	...
...	...			...	...

LOG of the "Guerpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 28th of Nov 1889
1	7		SSW	S&EbyE		2½E			4 A.M. Fresh breeze & fine
2	7		"	"		"			with passing clouds.
3	7		"	"		"			
4	7		"	"		"			
5	7		"	"		"			8. Do Do
6	7		"	"		"			
7	7		"	"		"			
8	7		"	"		"			
9	7		"	"		"	30.12	66	Noon Do Do.
10	6		"	"		"			
11	6		"	"		"			All plain sail set.
12	6		"	"		"			
1	6		SWbyS	S&E		3½E			4 P.M. Moderate breeze & fine
2	6		"	"		"			
3	6		"	"		"			
4	6		"	"		"			
5	7		"	"		"			8° Breeze freshening with passing
6	7		"	"		"			clouds
7	7		SSW.	S&EbyE		2½E			
8	7		"	"		"			
9	7		"	"		"	30.15	71	Midnight Moderate breeze
10	7		"	"		"			& fine clear wr
11	6		SbyW½W	S&EbyE		2½E			Crew employed as yesterday
12	6		"	"		"			Tradesmen at their trades

Course Obs S 5½W Dist 162 Miles — Distance per Log — Variation 14 E

COURSE S 5½W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 156		Acct 25 - 14S		Acct 83 . 12½	6 a.m. 1	Pumps lights hatches
Departure 12.7½		Obs. 25 - 18S		Chron. 83 . 06½	Noon ...	strictly attended
	90S		139½	Lunars	6 p.m. 1	Do D
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Butcher	From Sunset	to Sunrise
... 8	... 10		Brake	...	...
... 10	... 12		Walker	...	...
... 12	... 2		Clifford	...	...
... 2	... 4		Walkers	...	...
... 4	... 6		Deane	...	...
...	...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Fire day, the 29th of Nov 1889 —
1	6		SbyS½S.	var		2½E			4 AM. Moduate unsteady wind
2	6		"	"		"			& fine
3	6		"	"		"			
4	6		"	"		"			
5	6		"	"		"			8. Do Do.
6	6		"	"		"			
7	6		"	"		"			
8	6		"	"		"			
9	3		SbyS.	"		2½E	30.18	71	Noon. Light airs & fine
10	3		"	"		"			
11	3		SSE.	"		3½E			All plain sail set.
12	3		"	"		"			
1	2	4	SbyE½E.	"		2½E			4 PM. Light airs & cloudy wth
2	2	4	"	"		"			
3	3		SbyE¾E.	"		"			
4	3		"	"		"			
5	3		"	"		"			8. Do Do.
6	3		"	"		"			
7	4		SE	"		3½E			
8	4		"	"		"	30.12	71	Midnight Light breze with
9	4		SbyS	"		3½E			light shower rain
10	4		"	"		"			
11	3	4	"	"		"			Crew variously employed
12	3	4	"	"		"			Spademen at their daily

Course 10E S5½E Dist. 134 Miles — Distance per Log — Variation 15E

COURSE	S51E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	136		Acct. 21 45S		Acct. 84 5½W	6 a.m. 1/4	Pumps lights & boats
Departure	175W	84S	Obs. 21 39S	142W	Chron. 86 01W	Noon 1/4	wholly attended
					Lunars	6 p.m. 1/4	
						Midnt.	100

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.		
From	6	to	8	Brake	From Sunset	to	Sunrise
...	8	...	10	Butcher	...	...	
...	10	...	12	Clifford	...	...	
...	12	...	2	Walker	...	...	
...	2	...	4	Deane	...	...	
...	4	...	6	Walters	...	...	
...		...			...	...	

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sat day, the 30th of Nov 1889 —
1	4		SE	var		3½E			4 AM Light variable winds
2	4		"	"		"			attended by light showers
3	4		"	"		"			of rain
4	4		"	"		"			
5	3	4	SEbyS	"		3½E			
6	3	4	"	"		"			8. Light airs & fine clear wth
7	3	4	"	"		"			
8	3	4	"	"		"			
9	2	4	SE	"		3½E			
10	2	4	"	"		"	30.12	72	Noon. Light breze & fine
11	4		SbyE	"		2½E			
12	4		"	"		"			All plain sail set.
1	2		SEbyS	SE		3½E			4 PM Light airs & fine
2	2		"	"		"			
3	2		"	"		"			
4	2		"	"		"			8. Do Do.
5	2		SE	SEbyS		3½E			
6	2		"	"		"			
7	2	4	SEbyS.	SE		3½E			
8	2	4	"	"		"	30.16	70	Midnight Do Do.
9	2	4	SE¾S	S		"			
10	2	4	"	"		"			
11	2	4	SEbyS	"		"			Crew variously employed.
12	2	4	"	"		"			

Course 15E 63E Dist. 96 Miles — Distance per Log — Variation 15E

COURSE	S63E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	82		Acct. 21 16S		Acct. 86 23W	6 a.m. 1	Pumps lights boats
Departure	73E	34S	Obs. 21 14S	82W	Chron. 86 40W	Noon 1	wholly attended
					Lunars	6 p.m. 1	
						Midnt.	100

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.		
From	6	to	8	Clifford	From Sunset	to	Sunrise
...	8	...	10	Brake	...	...	
...	10	...	12	Walker	...	...	
...	12	...	2	Walters	...	...	
...	2	...	4	Edwards	...	...	
...	4	...	6	Deane	...	...	
...		...			...	...	

LOG of the "Eugene" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 1st of Dec 1889
1	1	4	S2W/2S	var		3°E			4 AM. light airs & overcast sky
2	1	4	"	"		"			
3	1		"	"		"			
4	1		"	"		"			
5	1	4	"	"		"			8" Do Do.
6	1	4	"	"		"			
7	2		SSW	"		2°E			
8	2		"	"		"			
9	4	4	South	"		2°E	30.12	68.	Noon light breeze & fine with
10	4	4	"	"		"			passing clouds.
11	5	4	S/2W	"		"			
12	6	4	"	"		"			
1	5	4	S by W/W.	S by E/E/2E		2°E			4 PM. Moderate breeze & fine
2	5	4	"	"		"			
3	5	4	S by W.	S E.		2°E			
4	5	4	"	"		"			8" Do Do
5	5	4	"	"		"			
6	5	4	"	"		"			
7	5	4	"	"		"			
8	5	4	"	"		"	30.20	68.	Midnight Do Do.
9	5	4	"	"		"			
10	5	4	"	"		"			So work done it being Sunday
11	5	4	"	"		"			
12	6	4	"	"		"			

Course Obs S 53W Dist 58 Miles — Distance per Log — Variation 18° E

COURSE	S 51W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	56		Acct. 29° 49S		Acct. 87° 29W	6 a.m. 1	Pumps lights looked
Departure	44.2W		Chron. 29° 35W		Chron. 89° 35W	Noon 1	strictly attended
		35S	Obs. 29° 44S	49W	Lunars	6 p.m.	to
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Brake	From Sunset	to Sunrise
...	8	...	10	Walters	...	...
...	10	...	12	Edwards	...	...
...	12	...	2	Waller	...	...
...	2	...	4	Deane	...	...
...	4	...	6	Harland	...	...
...		...			...	...

LOG of the "Eugene" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Monday, the 2nd of Dec 1889
1	5	4	S by W/W.	var		2°E			4 AM. Unsteady winds with
2	6	4	"	"		"			passing clouds
3	6	4	"	"		"			
4	6	4	"	"		"			
5	5		S by W/W.	"		"			8" Do Do.
6	6		"	"		"			
7	4	4	S	"		"			
8	4	4	"	"		"			
9	2		S2W/S.	"		3°E	30.3	68.	Noon Moderate breeze & fine
10	9		S by W/W.	"		2°E			with heavy swell from the
11	6		SSW	S by S.		2°E			southward.
12	6		"	"		"			All plain sail set.
1	5	4	S by W/W.	S by S		2°E			4 PM. Moderate breeze & fine
2	5	4	"	"		"			
3	5	4	S by W.	"		"			
4	5	4	"	"		"			8" Do Do.
5	4	4	S by W/W.	"		"			
6	4	4	"	"		"			
7	4		"	"		"			
8	4		"	"		"	30.10	68.	Midnight Unsteady winds
9	4		S 3/4 W.	var		2°E			& cloudy.
10	4		"	"		"			
11	3	4	South	"		1°E			Crew variously employed
12	3	4	"	"		"			

Course Obs S 49W Dist 136 Miles — Distance per Log — Variation 17° E

COURSE	S 62W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	130		Acct. 29° 26S		Acct. 89° 07W	6 a.m. 2	Pumps lights looked
Departure	108W		Chron. 29° 26S		Chron. 89° 18W	Noon	strictly attended
		102S	Obs. 29° 26S	92W	Lunars	6 p.m. 2	to
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Edwards	From Sunset	to Sunrise
...	8	...	10	Waller	...	...
...	10	...	12	Deane	...	...
...	12	...	2	Harlands	...	...
...	2	...	4	Butcher	...	...
...	4	...	6	Golding	...	...
...		...			...	...

LOG of the "Enterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tuesday, the 3rd of Dec 1889
1	3		S2½W S.	var		2½E			4 AM. Light unsteady winds & fine
2	3		"	"		"			
3	4		S ¾ W.	"		2½E			
4	4		"	"		"			8' Do Do
5	4	4	S½W¾W.	"		"			
6	4	4	"	"		"			
7	4	4	S S W.	"		2½E			
8	4	4	"	"		"			
9	6		"	"		"	30.10	69	Noon. Do Do.
10	6		"	"		"			
11	6		S½W.	"		2½E			
12	6		"	"		"			All plain sail set to the fu Advantage.
1	4	4	"	S & W.		2½E			
2	4	4	"	"		"			4 PM. Light breze & fine
3	4		S S W.	S &		2½E			
4	4		"	"		"			
5	4		"	"		"			
6	4		"	"		"			8' Do Do.
7	3		S W ½ S	var.		2½E			
8	3		"	"		"			
9	3	4	"	"		"	30.10	69	Midnight Do Do.
10	3	4	"	"		"			
11	3		"	"		"			Crew employed shifting sails
12	3		"	"		"			

Distance per Log — Variation 18°

COURSE S 23½ W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 111		Acct. 31° 5'S		Acct. 90° 38'W	6 a.m. 2	Pumps lifts lookout
Departure 40		Obs. 31° 02'S		Chron.	Noon	strictly attended
	91S		89W	Lunars	6 p.m. 2	100 J.
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Valley	From Sunset	to Sunrise
...	8	...	10	Harlayd	...	...
...	10	...	12	Butcher	...	...
...	12	...	2	Beaue	...	...
...	2	...	4	Golding	...	...
...	4	...	6.	Clifford	...	...
...		...			...	...

LOG of the "Enterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 4th of Dec 1889
1	2	4	S by W½W.	var		2½E			4 AM. Light unsteady airs & fine
2	2	4	"	"		"			
3	4		S S W	"		2½E			
4	4		"	"		"			
5	3	4	"	"		"			8' Do Do
6	3	4	"	"		"			
7	3		S W.	"		3½E			
8	3		"	"		"			
9	4	4	"	"		"	30.34	68	Noon. Moderate breze & fine clear wb.
10	4	4	"	"		"			
11	6		"	"		"			
12	6		"	"		"			All plain sail set.
1	2	4	S W ½ W	"		3½E			4 PM Light airs & fine with passing clouds
2	2	4	"	"		"			
3	2		S S W ½ W.	"		3½E			
4	2		"	"		"			6' Now ship to SE.
5	2		W by S	"		3½E			
6	2		"	"		"			8' Now ship to SW.
7	2		S & W.	"		2½E			
8	2		"	"		"			
9	2		S W ½ W ½ W.	"		3½E	30.34	69	Midnight. Light unsteady airs & fine
10	2		"	"		"			
11	2		S W ½ W	"		3½E			Crew variously employed.
12	2		"	"		"			Gradesmen at their Stations

Distance per Log — Variation 18°

COURSE S 16½ W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 88		Acct. 31° 49'S		Acct. 92° 09'W	6 a.m. 1	Pumps lifts lookout
Departure 26W		Obs. 31° 52'S		Chron. 92° 34'W	Noon 1	strictly attended
	146S		89W	Lunars	6 p.m.	100
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Butcher	From Sunset	to Sunrise
...	8	...	10	Walker	...	...
...	10	...	12	Beaue	...	...
...	12	...	2	Clifford	...	...
...	2	...	4	Walker	...	...
...	4	...	6.	Golding	...	...
...		...			...	...

LOG of the "Esperse" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thurs day, the 5th of Dec 1889
1	1	4	SbW 3/4W.	var		3°E			4 AM. Light unsteady airs & fine
2	1	4	"	"		"			
3	2		"	"		"			
4	2		"	"		"			8" Do Do
5	2		"	"		"			
6	2		"	"		"			
7	1	4	SW/W	"		"			10" Saw ship to SE.
8	1	4	"	"		"			
9	1	4	SW by W.	"		3°28	30.22	70.	Noon Light variable airs & fine wr.
10	1	4	"	"		"			
11	2		S by W.	"		4°E			
12	2		"	"		"			All plain sail set.
1	3	4	SE 3/4S	"		"			4 PM. Light unsteady winds & fine
2	3	4	"	"		"			
3	4	4	SE by S.	"		"			
4	4	4	"	"		"			8" Do joined with light rain
5	4	4	SbE/SE.	"		2°E			squalls.
6	4	4	SE by S.	"		"			
7	5		"	"		1°E			9" Saw ship to the SW.
8	4		E by S/S.	"		"			
9	1		E by S.	"		2°E	30.32	68.	Midnight light airs & overcast wr.
10	1		"	"		"			
11	2		S by W/W.	"		2°E			Crew variously employed.
12	2		"	"		"			

Course Obs S 8° W Dist. 69 Miles — Distance per Log — Variation 17° W

COURSE S 8° W	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 69		Acct. 31° 55' S		Acct. 93° 09' W	a.m. 2	Pumps lights low &
Departure 9 W		Obs. 31° 59' S		Chron. 93° 33' W	Noon	strictly attended
	3' S		4' W	Lunars	6 p.m. 2	to
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Walker	From Sunset	to Sunrise
...	8	... 10	Clifford	...	...
...	10	... 12	Walker	...	...
...	12	... 2	Deane	...	...
...	2	... 4	Golding	...	...
...	4	... 6	Edwards	...	...
...		...		...	...

LOG of the "Esperse" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Fri day, the 6th of Dec. 1889
1	3	4	S by W/W.	SE by E		2°E			4 AM. Light airs & fine with passing
2	3	4	"	"		"			clouds.
3	4		S by W/W	"		"			
4	4		"	"		"			
5	4	4	"	"		"			8" Do Do.
6	4	4	"	"		"			
7	4	4	"	"		"			
8	4	4	"	"		"			
9	4	4	S 3/4W.	SbE/E.		2°E	30.32	68.	Noon Moderate breeze & fine
10	4	4	"	"		"			
11	5		"	"		"			All plain sail set to the best
12	5		"	"		"			advantage.
1	4	4	S by W/W.	SE by E		2°E			4 PM. Moderate breeze & cloudy -
2	4	4	"	"		"			wr.
3	4	4	"	"		"			
4	4	4	"	"		"			
5	4	4	S by W/W.	var		2°E			8" Do Do
6	4	4	"	"		"			
7	4	4	"	"		"			
8	4	4	"	"		"			
9	5		S by W/W.	"		2°E	30.32	68.	Midnight Do Do.
10	5		"	"		"			
11	5		S by W/W.	"		"			Crew variously employed
12	5		"	"		"			

Course Obs S 9° W Dist. 62 Miles — Distance per Log — Variation 17° W

COURSE S 9° W	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 62		Acct. 33° 06' S		Acct. 93° 33' W	a.m. 2	Pumps lights low &
Departure 9 W		Obs. 33° 05' S		Chron. 93° 36' W	Noon	strictly attended
	6' S		1' W	Lunars	6 p.m. 2	to
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Walker	From Sunset	to Sunrise
...	8	... 10	Deane	...	...
...	10	... 12	Golding	...	...
...	12	... 2	Edwards	...	...
...	2	... 4	Hargood	...	...
...	4	... 6	Drake.	...	...
...		...		...	...

LOG of the "Eulalie" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 7th of Dec 1889
1	5		SbyW½W	var.		2½E			4 AM. Moderate breeze & clear
2	5		"	"		"			
3	6		S½W	SE by E½E		2¾E			
4	6		"	"		"			
5	6		"	"		"			8. Do Do
6	6		"	"		"			
7	6		"	"		"			
8	6		"	"		"			
9	6		"	"		"	40.46	65	Noon. Do wind & sea clear
10	6		"	"		"			
11	6		"	"		"			AB. plain rail set.
12	6		"	"		"			
1	4	4	S¼W	ESE		2½E			4 PM. Moderate breeze & cloudy
2	4	4	"	"		"			
3	4	4	"	"		"			
4	4	4	"	"		"			8. Do Do
5	4		S ¾W	SE by E		2¼E			
6	4		"	"		"			
7	4		SbyW	"		2½E			
8	4		"	"		"			
9	4		S¾W	"		2½E	30.46	68	Midnight Do Do
10	4		"	"		"			
11	4		"	"		"			Crew employed as yesterday
12	4		"	"		"			

Course Obs S 46 W Dist 129 Miles — Distance per Log — Variation 17 E

COURSE S 42 W — DISTANCE 121 — Departure 81 W

Diff. Lat. 90 S

LATITUDE: Acct. 34 - 38 S; Obs. 34 - 38 S

Diff. Long. 98 W

LONGITUDE: Acct. 95 - 13 W; Chron. 95 - 21 W; Lunars

Inches in the Wells: a.m. 2; Noon; 6 p.m. 2; Midnt.

Bearing and Distance at Noon: Pumps light look out, sheltered & steady

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Valler	From Sunset	to Sunrise
...	8	...	10	Edwards	...	...
...	10	...	12	Harland	...	...
...	12	...	2	Deane	...	...
...	2	...	4	Goldie	...	...
...	4	...	6	Butcher	...	...
...		...			...	...

LOG of the "Eulalie" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 8th of Dec 1889
1	4		SbyW½W	SE½E		2½E			4 AM. Moderate breeze & overcast
2	4		"	"		"			6h.
3	4		"	"		"			
4	4		"	"		"			
5	4	4	SSW.	SE		2¾E			8. Do Do
6	4	4	"	"		"			
7	4	4	SbyS¾S	"		2¾E			
8	4	4	"	"		"			
9	4	4	SbyS	SE by S		2½E	30.52	67	Noon. Do Do.
10	4	4	"	"		"			
11	5		"	"		"			
12	5		"	"		"			
1	5		"	"		"			4 PM. Moderate breeze & overcast
2	6		"	"		"			6h.
3	5	4	"	"		"			
4	5	4	"	"		"			
5	5	4	SbyS¾S	SE½S		2½E			8. Do Do
6	5	4	"	"		"			
7	4	4	SSW.	SE		2¾E			
8	4	4	"	"		"			
9	5	4	SbyW¾W.	SW½W		2½E	30.44	66	Midnight Do Do.
10	5	4	"	"		"			
11	5	4	"	"		"			No work done it being Sunday
12	5	4	"	"		"			

Distance per Log — Variation 18 E

COURSE S 42 W — DISTANCE 101 — Departure 67 W

Diff. Lat. 76 S

LATITUDE: Acct. 36 - 52 S; Obs. 36 - 60 S

Diff. Long. 81 W

LONGITUDE: Acct. 96 - 42 W; Chron.; Lunars

Inches in the Wells: a.m. 2; Noon; 6 p.m. 2; Midnt.

Bearing and Distance at Noon: Pumps lights look out, sheltered & steady

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Harland	From Sunset	to Sunrise
...	8	...	10	Valler	...	...
...	10	...	12	Deane	...	...
...	12	...	2	Butcher	...	...
...	2	...	4	Clifford	...	...
...	4	...	6	Goldie	...	...
...		...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Now day, the 9th of Dec 1889
1	5	4	SSW½W	SE		2½E			4 AM Moderate breeze falling
2	5	4	"	"		"			light at intervals with gloomy
3	5	4	S½W	"		3½E			wr.
4	5	4	"	"		"			
5	6		"	"		"			
6	6		"	"		"			8" do do
7	5	4	SSW½W	SE½E		2½E			
8	5	4	"	"		"			
9	5		"	"		"			
10	5		"	"		"	30.03	64	Noon do do.
11	5		"	"		"			
12	5		"	"		"			All plain sail set.
1	5		SSW	var		2½E			4 PM. Moderate breeze & overca
2	5		"	"		"			
3	5		S¾W.	"		2½E			
4	5		"	"		"			8" do do
5	5	4	South	"		1½E			
6	5	4	"	"		"			
7	5	4	"	"		"			
8	5	4	"	"		"	30.01	64	Midnight Wind decreasing a
9	5		S¼E	"		1½E			fine & cloudy-
10	5		"	"		"			
11	4	4	S½W	"		2½E			Crew variously employed.
12	4	4	"	"		"			

Distance per Log

Variation 1°W.

COURSE	S 22° W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	127		Acct. 37° 22' S		Acct. 98° 43' W	6 a.m. 2	Pumps Light & hook
Departure	47 W.		Obs. 37° 18' S		Chron. 98° 57' W	Noon	strictly attended
		118		121 W.	Lunars	6 p.m. 2	to.
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Deane	From Sunset	to Sunrise
...	8	...	10	Butcher	...	...
...	10	...	12	Clifford	...	...
...	12	...	2	Golding	...	...
...	2	...	4	Patou	...	...
...	4	...	6.	Walker	...	...
...		...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sun day, the 10th of Dec 1889
1	4	4	S½W	var		2½E			4 AM Increasing moderate wind
2	4	4	"	"		"			& overcast with
3	4	4	South	"		2½E			
4	4	4	"	"		"			
5	4		S¼E	"		1½E			
6	4		"	"		"			8" do do.
7	3	4	South	"		2½E			
8	3	4	"	"		"			
9	3	4	S¾E	"		1½E	30.52	63	Noon Light airs & fine
10	3	4	"	"		"			
11	2	4	"	"		"			All plain sail set.
12	2	4	"	"		"			
1	1	4	SSE½E	"		1½E			4 PM. Light airs & calms with
2	1	4	"	"		"			overcast sky-
3	1		South	"		2½E			
4	1		"	"		"			
5	1	4	S½W	"		2½E			8" do do.
6	1	4	"	"		"			
7	1		S W	"		3½E			
8	1		"	"		"			
9		4	S½W	West		5½E	30.02	64	Midnight Light breeze from
10		4	"	"		"			westward with overcast sky
11		4	"	"		"			
12		4	"	"		"			Crew employed as yesterday

Distance per Log

Variation 1°W.

COURSE	S 19° W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	105		Acct. 38° 54' S		Acct. 99° 39' W	6 a.m. 2	Pumps Light & hook
Departure	35 W.		Obs. 38° 54' S		Chron.	Noon	strictly attended
		99		44 W.	Lunars	6 p.m. 2	to.
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Clifford	From Sunset	to Sunrise
...	8	...	10	Deane	...	...
...	10	...	12	Golding	...	...
...	12	...	2	Walker	...	...
...	2	...	4	Edwards	...	...
...	4	...	6.	Patou.	...	...
...		...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 11 of Dec 1889
1	1		SE½S	West		5E			4 AM. Light airs & calms with
2	1		"	"		"			gloomy wr.
3	1	4	"	"		"			
4	1	4	"	"		"			
5	3		"	"		"			
6	3		"	"		"			8. Light breze & overcast
7	3		"	"		"			
8	3		"	"		"			
9	3		SE½E	"		4E			
10	3		"	"		"	30.4	64	Noon. Do Do.
11	4		"	"		"			
12	4		'	"		"			All plain sail set to the best advantage.
1	5		SE½E	"		10E			
2	5		"	"		"			4 PM. Moderate breze & fine
3	5		"	"		"			
4	5		"	"		"			
5	5		SE½E	"		11E			
6	5		"	"		11E		8.	Do Do
7	6	4	"	"		"			
8	6	4	S	"		"			
9	6	4	SE½E	"		"	30.3a	64	Midnight Do Do
10	6	4	"	"		10E			
11	6	4	"	"		"			Crew variously employed
12	6	4	"	"		"			

Distance per Log — Variation 18E

COURSE	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
SSE						
DISTANCE 38		Acct. 39. 31S		Acct. 99. 19E	6 a.m. 2	Pumps lights & Hoot
Departure 18E		Obs. 39. 40S		Chron.	Noon	strictly attended
	34S		30E	Lunars	6 p.m. 2	to.
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Golding	From Sunset	to Sunrise
...	8	...	10	Walker	...	...
...	10	...	12	Edwards	...	...
...	12	...	2	Lucyan	...	...
...	2	...	4	Batson	...	...
...	4	...	6	Harland	...	...
...		...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 12 of Dec 1889
1	4		SE½E	West		10E			4 AM. Light breeze freshening with
2	4		"	"		"			misty wr.
3	4		"	"		"			
4	4		"	"		"			
5	6		"	"		"			8. Do Do.
6	6		"	"		"			
7	4	4	"	"		"			
8	4	4	"	Var.		"	30.3a	64	Noon Light unsteady airs
9	1	4	"	"		"			& fine
10	1	4	"	"		"			
11	1	4	"	"		"			All plain sail set
12	1	4	"	"		"			
1	2	4	SE½E	"		11E			4 PM. Light airs & misty
2	3	4	"	"		"			wr.
3	2		"	"		"			
4	2		"	"		"			
5	1	4	SE½E	SW.		10E			8. Do Do.
6	1	4	"	"		"			
7	1		"	"		"			
8	1		"	"		"			
9	1	4	"	"		"	30.3a	64	Midnight Light airs & fine
10	1	4	"	"		"			
11	2		"	"		"			Crew employed as yesterday
12	2		"	"		"			

Distance per Log — Variation 19E

COURSE	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
SSE						
DISTANCE 124		Acct. 41- 17S		Acct. 99. 55E	6 a.m. 2	Pumps lights & strictly attended
Departure 44E		Obs. 41- 69S		Chron. 99. 49E	Noon	
	94S		104E	Lunars	6 p.m. 2	
					Midnt.	to.

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Edwards	From Sunset	to Sunrise
...	8	...	10	Golding	...	...
...	10	...	12	Lucyan	...	...
...	12	...	2	Harland	...	...
...	2	...	4	Butcher	...	...
...	4	...	6	Batson	...	...
...		...			...	...

LOG of the "Europe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sat day, the 13 of Dec 1889
1	4		SE¾E	West		10E			4 AM Increasing breeze &
2	4		"	"		"			fine clear wr.
3	4		"	"		"			
4	4		"	"		"			
5	4		"	"		"			
6	4		"	"		"			8. Moderate steady winds
7	3	4	SE	"		9E			& fine
8	3	4	"	"		"			
9	4		"	"		"			
10	4		"	"		"	30.28	56.	Noon Do Do
11	5		"	"		"			
12	5		"	"		"			All plain sail set
1	4	4	"	NNW		11E			4 PM Moderate breeze & fine
2	4	4	"	"		"			
3	5	4	SE¼S	"		"			
4	5	4	"	"		"			
5	5		"	"		"			8. Do Do.
6	5		"	"		"			
7	5		SE	"		"			
8	5		"	"		"			
9	5	4	"	"		"	30.22	52.	Midnight Do Do.
10	5	4	"	"		"			
11	5	4	"	"		"			Crew variously employed
12	5	4	"	"		"			Trades men at their Trades

Course Obs S 3½E Dist 96 Miles — Distance per Log — Variation 9E

COURSE S 3½E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 96		Acct. 42 – 04S		Acct. 96 – 52W	6 a.m. 2	Pumps light & strokes
Departure 16W		Obs. 42 – 09S	5W	Chron. 96 – 49W	Noon	Sticky attended
	56S			Lunars	6 p.m. 2	100
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Golding	From Sunset	to Sunrise
... 8	... 10		Hallatyd	...	...
... 10	... 12		Butcher	...	...
... 12	... 2		Lingard	...	...
... 2	... 4		Patow	...	...
... 4	... 6		Clifford	...	...
...	...			...	...

LOG of the "Europe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sun day, the 14 of Dec 1889
1	4		SE	WSW		11E			4 AM Moderate breeze increasing
2	4		"	"		"			in force at intervals with
3	6	4	"	"		"			hazy wr.
4	6	4	"	"		"			
5	6		"	"		"			
6	6		"	"		"			8. Do Do.
7	5	4	"	"		"			
8	5	4	"	"		"			
9	5	4	"	"		"			
10	5	4	"	"		"	30.16	66.	Noon Do Do.
11	5		"	"		"			
12	5		"	"		"			
1	6		"	"		12E			4 PM Steady winds & fine
2	6		"	"		"			
3	6		"	"		"			
4	6		"	"		"			
5	6		"	"		"			8. Do Do.
6	6		"	"		"			
7	6		"	"		"			
8	6		"	"		"			
9	6		"	"		"			
10	6		"	"		"	30.0	64.	Midnight Do Do.
11	6	4	"	"		"			Crew variously employed
12	6	4	"	"		"			

Course S 6E Dist 131 Miles — Distance per Log — Variation 9E

COURSE S 3E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 133		Acct. 44 – 00S		Acct. 95 – 09W	6 a.m. 2	Pumps light & strokes
Departure 16W		Obs. 43 – 54S	10E	Chron. 95 – 02W	Noon	Sticky attended
	111S			Lunars	6 p.m. 2	100
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Butcher	From Sunset	to Sunrise
... 8	... 10		Golding	...	...
... 10	... 12		Lingard	...	...
... 12	... 2		Clifford	...	...
... 2	... 4		Walker	...	...
... 4	... 6		Patow	...	...
...	...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 15th of Dec. 1889
1	4		SE	WNW		12E			4 AM. Wind freshening with
2	4		"	"		"			steady rain
3	4	4	"	"		"			
4	4	4	"	"		"			
5	4		"	"		"			
6	4		"	"		"			8. Moderate breeze with rain
7	4		"	"		"			at intervals.
8	4		"	"		"			
9	5		"	"		"			
10	5		"	"		"	29.82	61.	Noon. Decreasing breeze & light
11	3	4	"	"		"			rain
12	3	4	"	"		"			All square sail set.
1	2	4	"	var		"			4 PM Light unsteady wind
2	2	4	"	"		"			attended by steady rain
3	2		"	"		"			
4	2		"	"		"			
5	2		"	"		"			8. Light airs & foggy wke.
6	2		"	"		"			
7	2		"	"		"			
8	2		"	"		"			
9	2	4	"	"		"	29.88	59.	Midnight Light breeze & foggy
10	2	4	"	"		"			
11	3		"	"		"			No work done being Sunday
12	3		"	"		"			

Distance per Log — Variation 21 E

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
NE		Acct. 45. 5'S		Acct. 93. 03'E	6 a.m. 2	Pumps lights looking
DISTANCE 144		Obs.		Chron.	Noon	strictly attended
Departure 108	123 S		114 E	Lunars	6 p.m. 2	too.
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Goldney	From Sunset	to Sunrise
8	10		Clifford		
10	12		Walker		
12	2		Lugsden		
2	4		Dalton		
4	6		Edwards		

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Monday, the 16th of Dec. 1889
1	5		SE by E	var		12E			4 AM Moderate breeze with
2	5		"	"		"			steady rain
3	5	4	"	"		"			
4	5	4	"	"		"			
5	8		SE	"		"			
6	8		"	"		"			8. Wind freshening & fine
7	9		"	"		"			clear wke
8	9		"	"		"			
9	9		SE by E	WNW		13E			
10	9		"	"		"	29.50	57.	Noon. Fresh wind & fine
11	9	4	"	"		"			
12	9	4	"	"		"			All square sail set.
1	8		"	"		12E			4 PM. Decreasing breeze & fine
2	8		"	"		"			
3	7		"	"		"			
4	7		"	"		"			
5	6		SE by E	"		13E			8. Do Do
6	6		"	"		"			
7	3	4	SE by E by E	"		14E			
8	3	4	"	"		"	29.52	54.	Midnight Light breeze & steady
9	3	4	"	"		"			pass.
10	3	4	"	"		"			
11	4	4	"	"		"			Crew variously employed.
12	4	4	"	"		"			

Distance per Log — Variation 23 E

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
S 35 E		Acct. 47. 35'		Acct. 91. 29'E	6 a.m. 2	Pumps lights looking
DISTANCE 119		Obs. 47. 44'8		Chron. 91. 55'E	Noon	strictly attended
Departure 68 E	98 S		96 E	Lunars	6 p.m. 2	too.
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Edwards	From Sunset	to Sunrise
8	10		Goldney		
10	12		Lugsden		
12	2		Hallard		
2	4		Butcher		
4	6		Dalton		

LOG of the *Geneserpe* from *Iquique* towards *Falmouth*

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sues day, the 14th of Dec. 1889 –
1	7	4	S.E.½E.	S.W.		1°E			4 A.M. Breze freshning with
2	7	4	"	"		"			Misty wx.
3	8		"	"		"			
4	8		"	"		"			
5	8	4	"	"		"			8h Fresh wind & fine clear
6	8	4	"	"		"			wx.
7	8	4	"	"		"			
8	8	4	"	"		"			
9	8		"	"		"			
10	8		"	"		"	29.46	52.	Noon Do Do
11	8		"	"		"			
12	8.		"	"		"			All sqre sail set
1	8		S.E.½E.	S.W.		1°E			4 P.M. Moderate breze & fine
2	8		"	"		"			
3	8	4	"	"		"			
4	8	4	"	"		"			
5	8	4	"	"		"			8h Increasing breze & squally
6	8	4	"	"		"			
7	9		S.E.½E.	"		"			
8	9		"	"		"			
9	9		S.E.½E.	"		"	29.50	52.	Midnight Fresh wind with
10	9		"	"		"			heavy squalls Hauled Royals
11	8		S.E.	"		1°E			fore & Mizen Topgallantsail &
12	8.		"	"		"			staysail
									Crew employ as before.

Course by Obs. S.E. Dist. 156 Miles. Distance per Log Variation 22° E

COURSE S.E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 161		Acct. 49° 33'		Acct. 88° 03'E	6 a.m. 2	Pumps 8th Lookout
Departure 130E.		Obs. 49° 28'		Chron. 88° 08'E	Noon	strictly attended
	109 S.		150 E.	Lunars	6 p.m. 2	to
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Lucyan	From Sunset	to Sunrise
...	8	...	10	Edwards	...	...
...	10	...	12	Harland	...	...
...	12	...	2	Paton	...	...
...	2	...	4	Brake	...	...
...	4	...	6.	Butcher	...	...
...		...			...	...

LOG of the *Geneserpe* from *Iquique* towards *Falmouth*

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednes day, the 18th of Dec. 1889 –
1	6	4	E.S.E.	S.W.½S.		1°E			4 A.M. Weather Moderate
2	6	4	"	"		"			& fine
3	7		"	"		"			
4	7		"	"		"			
5	9		S.E.½E.	"		1°E			8h Fresh breze & fine with
6	9		"	"		"			high sea.
7	9		"	"		"			
8	9		"	"		"			
9	9	10	S.E.½E.	"		"	29.62	52.	Noon. Do Do.
10	10		"	"		"			
11	10		"	"		"			All plain sail set.
12	10.		"	"		"			
1	8		"	"		1°E			4 P.M. Moderate breze with
2	8		"	"		"			light sea from S.W.
3	7		"	"		"			
4	7		"	"		"			
5	7		S.E.	"		"			8h Do Do.
6	7		"	"		"			
7	7		S.E.½E.	"		"			
8	7		"	"		"	29.44	52.	Midnight Do Do.
9	7		"	"		"			
10	7		"	"		"			Crew employed taking in &
11	8		"	"		"			setting sail
12	8		"	"		"			Gradecrease on watch

Course Obs. S.E.½E. Dist. 201 Miles. Distance per Log Variation 22° E

COURSE S.E.½E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 204		Acct. 51° 26'S		Acct. 83° 56'E	6 a.m. 2	Pumps 8th Lookout
Departure 163 E.		Obs. 51° 21'S		Chron. 83° 52'E	Noon	strictly attended
	123 S.		252 E.	Lunars	6 p.m. 2	to
					Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Lucyan	From Sunset	to Sunrise
...	8	...	10	Balche	...	...
...	10	...	12	Clifford	...	...
...	12	...	2	Ridley	...	...
...	2	...	4	Brake	...	...
...	4	...	6.	Walters	...	...
...		...			...	...

LOG of the "Europe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sixth day, the 19th of Dec 1889
1	8	4	SbyE½E	S.S.W.		11E			4 A.M. Increasing breeze & squally
2	8	4	"	"		"			with steady rain Handed T.G.S.
3	9		"	"		"			fallen sails prepd.
4	9		"	"		"			6 Strong breeze & heavy rain
5	9		SbyE½E	W.S.W.		"			split main topgallant sail
6	9		"	"		"			
7	9		"	"		"			8 Strong wind & fine kept down
8	9		"	"		"			main topgallant sail & bent one
9	8		"	"		"			in its place.
10	8		"	"		"			
11	9		"	"		"	29.20	52	Noon. Fresh breeze & fine
12	9		"	"		"			Set main topgallant sail
1	8		SbyE	"		22E			4 P.M. Strong breeze & squally
2	8		"	"		"			
3	8		"	"		"			
4	8		"	"		"			
5	8		"	"		"			
6	8		"	"		"			8 Took sail with fresh squalls
7	10		EbyS½S	"		"			Handed fore & main topgallantsls
8	10		"	"		"			fore upper topsail
9	8	4	"	"		"	29.10	53	Midnight windy Moderating
10	8	4	"	"		"			& fine Near Isle.
11	8		"	"		"			
12	8		"	"		"			Crew employed as before

Distance per Log — Variation 21° E

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
SbyE		Acct. 53° 26' S		Acct. 79° 55' W	a.m. 2	Pumps kept bottom
DISTANCE 193		Chron.		Chron.	Noon	dry & attended
Departure 117 E		Obs. 53° 23' S	238 E	Lunars	6 p.m. 2	to.
	125 S				Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Lucas	From Sunset	to Sunrise
...	8	...	10	Walters	...	...
...	10	...	12	Holland	...	...
...	12	...	2	Paton	...	...
...	2	...	4	Brake	...	...
...	4	...	6	Butcher	...	...
...		...			...	...

LOG of the "Europe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sixth day, the 20th of Dec 1889
1	8		EbyS	SbyW		13E			4 A.M. Strong gale with heavy
2	8		"	"		"			high sea causing ship to labour
3	8		"	"		"			heavily & ship large bodies water
4	8		"	"		"			
5	9		"	"		"			
6	9		"	"		"			8 hove to moderating & fine
7	9		"	"		"			set main & fore topsail Main
8	9		"	"		"			topgallantsail
9	8		"	"		"			
10	8		"	"		"	29.20	54	Strong. fresh breeze & squally
11	8		"	"		"			
12	8		"	"		"			All necessary sail set
1	9	4	EbyS	"		11E			4 P.M. Fresh wind & heavy squally
2	9	4	"	"		"			
3	9	4	"	"		"			
4	9	4	"	"		"			
5	9	4	"	"		"			8 Do Do
6	9	4	"	"		"			
7	9	4	"	"		"			
8	9	4	"	"		"	29.36	54	Midnight fresh breeze with
9	9	4	"	"		"			hard squalls. Put ship under
10	9	4	"	"		"			reefed topsails
11	9	4	"	"		"			Crew employed taking in &
12	9	4	"	"		"			setting sail

Course Obs. E by S Dist. 191 Miles — Distance per Log — Variation 23° E

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
SbyE		Acct. 54° 59' S		Acct. 75° 36' W	a.m. 2	Pumps kept bottom
DISTANCE 188		Chron.		Chron. 75° 33'	Noon	dry & attended
Departure 161 E		Obs. 54° 58' S	274 E	Lunars	6 p.m. 2	to.
	965				Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	8	to	10	Lucas	From Sunset	to Sunrise
...	10	...	12	Paton	...	...
...	12	...	2	Clifford	...	...
...	2	...	4	Walters	...	...
...	4	...			...	...
...		...			...	...
...		...			...	...

LOG of the "Uverpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 31st of Dec 1889
1	4	4	E & E	SW		11 E			4 AM. Fresh gale with heavy
2	4	4	"	"		"			squalls & high sea. ships taking
3	4	4	"	"		"			heavy bodies of water on deck.
4	4	4	"	"		"			Handed mizen upper topsail
5	8		"	"		"			& fore topsail
6	8		"	"		"			
7	8		"	"		"			8 Fresh gale with squalls moderate
8	8		"	"		"			at fore & mizen topsails
9	8		E by S	"		1 7 E			
10	8		"	"		"	29 30	54	Noon. do do.
11	8	4	"	"		"			
12	8	4	"	"		"			All necessary sail set.
1	9	4	E by E	"					4 PM Fresh wind & overcast wr
2	9	4	"	"					4.15. Sighted Diego Ramirez
3	9	4	"	"					5 Diego Ramirez bore S by E 1/2 E
4	9	4	"	"					ships Head West
5	8	4	"	"					8 Decreasing breeze & cloudy
6	8	4	"	"					
7	8	4	East	S by E					
8	8	4	"	"			29 62	50	Midnight do do.
9	4		"	"					
10	4		"	"					Crew employed as yesterday
11	4		"	"					
12	4		"	"					

Course SW by S 63 E Dist. 182 Miles — Distance per Log — Variation 2 E

COURSE S 63 E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 186		Acct. 56. 2 S S		Acct. 70. 140	6 a.m. 2	Pumps lights looked
Departure 166 E		Obs. 56. 2 1 S		Chron. 70. 47	Noon	strictly attended
	88 S		293 W	Lunars	6 p.m. 2	to
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 8	to 10		Edwards	From Sunset	to Sunrise
... 10	... 12		Clifford	...	...
... 12	... 2		Paton	...	...
... 2	... 4		Brake	...	...
... 4	...			...	...
...	...			...	...
...	...			...	...
...	...			...	...

LOG of the "Uverpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 22nd of Dec 1889
1	6		E by S	S E		11 E			4 AM. Light airs & fine two
2	6		"	"		"			vessels in company bound West.
3	3		E by S 1/2 S	"		"			
4	3		"	"		"			
5	1	4	"	"		"			8 do do
6	1	4	"	"		"			
7	1	4	"	"		"			
8	1	4	"	"		"			
9	3		"	"		"	29 70	48	Noon. do do.
10	3		"	"		"			
11	3		E S E	West		11 E			All square sail set.
12	3		"	"		"			
1	4		E by S	"		13 E			4 PM. Moderate wind with
2	4		"	"		"			steady rain
3	4	4	"	"		"			
4	4	4	"	"		"			
5	4	4	"	West		"			8 do do.
6	4	4	"	"		"			
7	4	4	"	"		"			
8	4	4	E by S	West		11 E			
9	4	4	"	"		"	29 72	48	Midnight Fresh breeze &
10	4	4	"	"		"			overcast
11	4		"	"		"			
12	4		"	"		"			no work done it being Sunday

Course S by E 85 E Dist. 136 Miles — Distance per Log — Variation 25 E

COURSE S 85 E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 135		Acct. 56. 10 S		Acct. 66. 47 25	6 a.m. 2	Pumps lights looked
Departure 134 E		Obs. 56. 6 8 S		Chron. 66. 44	Noon	strictly attended
	11 S		240 W	Lunars	6 p.m. 2	to
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 8	to 10		Paton	From Sunset	to Sunrise
... 10	... 12		Brake	...	...
... 12	... 2		Edwards	...	...
... 2	... 4		Harland.	...	...
...	...			...	...
...	...			...	...
...	...			...	...
...	...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Upon day, the 23rd of Dec 1889 -
1	4	4	NbEbE½E	West		12°			2 PM Sighted Staten Island
2	4	4	"	"		"			bearing NNW ships head NbE
3	4		"	"		"			
4	4		"	"		"			4 PM Moderate breeze & cloudy
5	6		"	"		"			
6	6		"	"		"			
7	5		"	"		"			8" Do Do
8	5		"	"		"			
9	5		"	"		"			9" Spoke the ship "Curaden" ma
10	5	4	"	"		"			company from Auckland to Lon
11	4	4	NbEbE	"		13°			31 days out has other vessels in
12	4	4	"	"		"	29.14	49	company going as per log
									Noon Do wind & weather
1	5		"	NbW		"			4 PM Light breeze & fine
2	5		"	"		"			
3	5		"	"		"			
4	5		"	"		"			8" Do Do
5	5		"	"		"			
6	5		"	"		"			
7	5	4	"	"		"			
8	5	4	"	"		"	29.32	48	Midnight Wind fresh & hazy &
9	7	4	"	"		"			overcast wth
10	7	4	"	"		"			
11	9		"	"		"			Crew variously employed
12	9		"	"		"			

Distance per Log — Variation 25° E

COURSE	S 69° E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	141		Acct. 55° 18' S		Acct. 62° 14' W	6 a.m. 2	Pumps Light Lookout
Departure	131.8		Obs. 55° 12' S	235 E	Chron.	Noon	Sticky Attended
		50 S			Lunars	6 p.m. 2	
						Midnt.	100

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	8	to	10	Edwards	From Sunset	to Sunrise
...	10	...	12	Harlands	...	...
...	12	...	2	Brake	...	...
...	2	...	4	Walker	...	...
...		...			...	...
...		...			...	...
...		...			...	...
...		...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sun day, the 24th of Dec 1889 -
1	8	4	NbEbE	West		13°			4 AM Moderate breeze & fine
2	8	4	"	"		"			
3	7	4	"	"		"			
4	7	4	"	"		"			
5	7		"	"		"			8" Do wind attended by
6	7		"	NbW		"			misty look
7	6	4	"	"		"			
8	6	4	"	"		"			
9	6	4	"	"		"			
10	6	4	"	"		"	29.36	48	Noon Decreasing breeze & misty
11	5		"	"		"			
12	5		"	"		"			
1	6		NbE	NbW		12°			4 PM Moderate wind & fine
2	6		"	"		"			
3	6		"	"		"			
4	6		"	"		"			
5	4		"	"		"			8" Do Do
6	4		"	"		"			
7	4		"	"		"			
8	4		"	"		"			
9	5		"	"		"	29.4	48	Midnight Do wind fine
10	5		"	"		"			clear wth
11	6	4	"	"		"			
12	6	4	"	"		"			Crew employed as yesterday

Distance per Log — Variation 15° E

COURSE	N 71° E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	156		Acct. 54° 20' S		Acct. 59° 20' W	6 a.m. 2	Pumps Lights Lookout
Departure	147.6		Obs. 54° 37' S	760	Chron.	Noon	Sticky Attended
		538			Lunars	6 p.m. 2	
						Midnt.	100

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	8	to	10	Paton	From Sunset	to Sunrise
...	10	...	12	Brake	...	...
...	12	...	2	Butcher	...	...
...	2	...	4	Clifford	...	...
...		...			...	...
...		...			...	...
...		...			...	...
...		...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 25th of Dec 1889
1	6	4	NbW½W	NbW		1°E			4 AM. Increasing breeze & fine clear wx.
2	6	4	"	"		"			
3	7	4	"	"		"			
4	7	4	"	"		"			
5	7	4	NbW½W	"		1°E			8° Do Do Do.
6	7	4	"	"		"			
7	8		"	"		"			
8	8		"	"		"			
9	8	4	"	"		"	29.48	48.	Noon. Do wind & weather
10	8	4	"	"		"			
11	8	4	"	"		"			All plain sail set to the
12	8	4	"	"		"			best advantage.
1	7	4	NbW½W	West		2°E			4 PM. Spoke barque & fine clear wx.
2	7	4	"	"		"			
3	7	4	"	"		"			
4	7	4	"	"		"			
5	7	4	"	"		"			8° Wind decreasing & fine
6	7	4	"	"		"			
7	7		"	"		"			
8	7		"	"		"			
9	7		"	"		"	29.56	48.	Midnight. Light airs & fine
10	7		"	"		"			
11	2	4	"	"		"			So work done in being Xmas day
12	2	4	"	"		"			

Distance per Log — Variation 1°E

COURSE	N.67W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	36		Acct. 53 36S		Acct. 53 24W	6 a.m. 2	Pumps light looks
Departure	144W				Chron.	Noon	
		6.1S	Obs.	26.4W	Lunars	6 p.m. 4	Sickly attended
						Midnt.	to.

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 8	to	10	Butcher	From Sunset to Sunrise
" 10	"	12	Clifford	" "
" 12	"	2	Blake	" "
" 2	"	4	Waller	" "
"	"			" "
"	"			" "
"	"			" "
"	"			" "

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 26th of Dec. 1889
1	2	5	NbW½W	West		8°E			4 AM. Light airs & fine
2	2	5	"	"		"			
3	3		"	NbW		"			
4	3		"	"		"			8° Light breze & overcast wx
5	3		"	"		"			
6	3		"	"		"			
7	4	4	"	"		"			
8	4	4	NbW½W	NbW		7°E			
9	4		"	"		"	29.60	48.	Noon. Light airs & steady rain
10	4		"	"		"			
11	2	4	"	"		"			All plain sail set
12	2	4	"	"		"			
1	1		North	E by E		9°E			4 PM Spoke Ship starboard
2	1		"	"		"			tack. Light airs & calm wth
3	1		"	"		"			steady rain
4	1		"	"		"			
5	3		"	"		"			
6	3		"	"		"			
7	4	4	"	"		"			8° Light airs & rain
8	4	4	"	"		"			
9	5	4	"	"		"			
10	5	4	"	"		"	29.40	48.	Midnight. Moderate breze
11	6		"	"		"			freshening at intervals with rain
12	6		"	"		"			Crew employed scrubbing bright

Distance per Log — Variation 15°E

COURSE	N.43E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	98		Acct. 52 26S		Acct. 51 29W	6 a.m. 2	Pumps kept to look
Departure	69E				Chron.	Noon	
		70.2	Obs.	115.E	Lunars	6 p.m. 2	sickly attended
						Midnt.	to.

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From		to 10	Paton	From Sunset to Sunrise
" 10	"	12	Brake	" "
" 12	"	2	Walker	" "
" 2	"	4	Edwards	" "
"	"			" "
"	"			" "
"	"			" "
"	"			" "

LOG of the "Enterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sund day, the 29th of Dec 1889
1	5	4	Sth	E by N		9E			4 AM Moderate breeze & hazy
2	5	4	"	"		"			rain
3	5	4	"	"		"			
4	5	4	"	"		"			
5	3		"	"		"			7. Wind hauled to NW. hauled yards round & trimmed all acc
6	3		"	"		"			ingly
7	2	4	NbyE	NbyE		"E			8 Moderate breeze & fine
8	2	4	"	"		"			
9	6	4	"	"		"			
10	6	4	"	"		"	29.32	48	Noon. Do Do.
11	6		"	"		"			
12	6		"	"		"			All plain sail set.
1	7	4	"	NE		7E			4 PM. Spoke wind & overcast
2	7	4	"	"		"			
3	6	4	"	"		"			
4	6	4	"	"		"			
5	6		NbW	"		5E			8. Do Do
6	6		"	"		"			Two ships in company steering
7	7	4	"	"		"			per log.
8	7	4	"	"		"			
9	7		NbyW	"		4E	29.40	48	Moderate breeze & cloudy.
10	7		"	"		"			
11	6		"	"		"			Crew employed scrubbing bright
12	6		"	"		"			

Distance per Log — Variation 5E

COURSE 4 NE. DISTANCE 99 Departure 31 E.

Diff. Lat. 94 S.

LATITUDE. Acct. 50° 52 S. Obs. 50° 06 S.

Diff. Long. 57 E.

LONGITUDE. Acct. 50° 38 W. Chron. — Lunars —

Inches in the Wells. 6 a.m. 2 ft. Noon ... 6 p.m. 2 ft. Midnt. ...

Bearing and Distance at Noon. Pumps & tks looked strictly attended to

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
8	10	Walkes	Sunset	Sunrise
10	12	Edwards		
12	2	Waller		
2	4	Deane		
4	6	Ballard		

LOG of the "Enterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 28th of Dec 1889
1	6	4	NbE	SbE		5E			4 AM Moderate breeze & fine
2	6	4	"	"		"			
3	5	4	NbyE	"		4E			
4	5	4	"	"		"			
5	5		"	"		"			8 Do Do
6	5		"	"		"			
7	4	4	"	"		"			
8	4	4	"	"		"			
9	3	4	NbyE	"		"	29.52	49	Noon light unsteady breeze
10	3	4	"	"		"			& fine
11	2	4	"	"		"			
12	2	4	"	"		"			All square sail set.
1	4		"	West		5E			4 PM. Light breeze & fine with
2	4		"	"		"			passing clouds.
3	5		"	"		"			
4	5		"	"		"			
5	6		"	"		"			8 Moderate wind & fine
6	6		"	"		"			
7	6	4	"	"		"			
8	6	4	"	NbyW		"			
9	7		"	"		"	29.52		Midnight Do Do.
10	7		"	"		"			
11	7	4	"	"		"			Crew employed as yesterday
12	7	4	"	"		"			

Distance per Log — Variation 4E

COURSE N 5° E. DISTANCE 133 Departure 10 E.

Diff. Lat. 84 N.

LATITUDE. Acct. 48° 42 S. Obs. 48° 41 S.

Diff. Long. 158 E.

LONGITUDE. Acct. 48° 06 W. Chron. 48° 04 W. Lunars —

Inches in the Wells. 6 a.m. 2 ft. Noon ... 6 p.m. 2 ft. Midnt. ...

Bearing and Distances at Noon. Pumps & tks looked strictly attended to

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
8	10	Paton	Sunset	Sunrise
10	12	Brake		
12	2	Harland		
2	4	Butcher		

LOG of the "Guelpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 29th of Dec 1889
1	4		NbyE	NNW		6W			4 PM Moderate wind & fine clear bob.
2	4		"	"		"			
3	6		"	"		"			
4	6		"	"		"			
5	6		"	"		"			8' do do
6	6		"	"		"			
7	6		"	"		"			
8	6		"	"		"			
9	6		NbyE	NbyW		4W			
10	6		"	"		"	29.74	55	Noon Pleasant breeze & fine
11	4		"	"		"			
12	4		"	"		"			All plain sail set to the best advantage
1	5	4	"	NNW		4W			4 PM Moderate breeze & fine
2	5	4	"	"		"			
3	5	4	NbyE	NbyW		3W			
4	5	4							
5	6	4	NbyE	NNW		4W			8' do do
6	6	4							
7	7		ENE	North		4W			
8	7								
9	8		NbyE	NNW		4W	29.74	52	Midnight do do
10	8								
11	8	4	"	"		"			Crew employed cleaning
12	8	4							Brightwork

Course 4 52 E. Diff. Lat. LATITUDE. Diff. Long. LONGITUDE. Distance per Log 142 Miles Variation 10 W

Distance 141 Departure 112

Dr 9 7 6 — Acct. 47 1 8 — Obs. 47 0 7 8 — Dr 1 6 7 6 — Acct. 45 1 7 4 6 — Chron. 45 2 2 6 — Lunars

Inches in the Wells. 6 a.m. 2 Noon 6 p.m. 2 Midnt.

Bearing and Distance at Noon. Pumps light work strictly attended 100

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	8	to	10	Harland	From Sunset	to Sunrise
...	10	...	12	Butcher	...	...
...	12	...	2	Brake	...	...
...	2	...	4	Waller.	...	...
...		...			...	...
...		...			...	...
...		...			...	...

LOG of the "Guelpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Monday, the 30th of Dec 1889
1	9		NbyE	NbyE		7W			4 AM Fresh unsteady wind & fine
2	9		"	"		"			
3	8	4	NbyE	NbyE		8W			
4	8	4	"	"		"			
5	6	4	"	"		"			8' Steady breeze & fine clear bob.
6	6	4	"	"		"			
7	7		"	"		"			
8	7		"	"		"			
9	7	4	"	"		"	29.85	54	Noon do do
10	7	4	"	"		"			
11	7	4	"	"		"			
12	7	4	"	"		"			All plain sail set
1	7		ENE	North		9W			4 PM Moderate breeze & fine
2	7		"	"		"			ship in company steering as per
3	7		ENE	"		"			log.
4	7								
5	6	4	ENE	"		"			8' do do
6	6	4	"	"		10W			
7	6		"	"		"			
8	6		"	"		"			
9	6		ENE	"		"	29.54	53	Midnight Fresh wind & fine
10	6		"	"		"			
11	6	4	"	"		"			Crew employed as yesterday
12	6	4	"	"		"			Spademen at their trades

Course N 56 E. Diff. Lat. LATITUDE. Diff. Long. LONGITUDE. Distance per Log Variation 9 W

Distance 174 Departure 146

Dr 9 7 6 — Acct. 45 3 0 5 — Obs. 45 3 7 8 — Dr 2 6 8 — Acct. 41 4 9 4 6 — Chron. 41 5 6 8 — Lunars

Inches in the Wells. 6 a.m. 2 Noon 6 p.m. 2 Midnt.

Bearing and Distance at Noon. Pumps light work strictly attended 100

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	8	to	10	Brake	From Sunset	to Sunrise
...	10	...	12	Waller	...	...
...	12	...	2	Clifford	...	...
...	2	...	4	Walters.	...	...
...		...			...	...
...		...			...	...
...		...			...	...

LOG of the "Enterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 31st of Dec. 1899
1	7		NbE NbE	SW		5½W			4 AM. Fresh breeze with occa
2	7		"	"		"			sional showers rain
3	7	4	"	"		"			
4	7	4	"	"		"			
5	7	4	"	"		"			8" Do Do
6	7	4	"	"		"			
7	8		"	"		"			
8	8		"	"		"			
9	7		"	"		"			
10	7		"	"		"	29.64	53.	Noon Fresh wind & fine wea
11	7	4	"	"		"			passing clouds
12	7	4	"	"		"			Ship Stile in company
									All square sail set
1	6	4	ENE	WSW		15W			
2	6	4	"	"		"			4 PM Moderate breze & fine
3	7		"	"		"			
4	7		"	"		"			
5	7		"	"		"			8" Do Do.
6	7		"	"		"			
7	7		"	"		"			
8	7		"	"		"	29.78	54.	Midnight Do Do.
9	5	4	"	"		"			
10	5	4	"	"		"			Crew employed clearing bright
11	5	4	"	"		"			
12	5	4	"	"		"			
	Course	NbE	92	Dist.	144	Miles			Distance per Log — Variation 3 E

COURSE	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells	Bearing and Distance at Noon.
DISTANCE 144		Acct. 44 10S		Acct. 38 36W	6 a.m. 3	Pumps light Cook
Departure 142E		Obs. 44 04S	20 E	Chron. 38 33W	Noon ...	Shelley attended
	84S			Lunars	6 p.m. 3	
					Midnt.	100

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 8	to 10		Clifford	From Sunset	to Sunrise
... 10	... 12		Wallis	...	...
... 12	... 2		Wallis	...	...
... 2	... 4		Deane	...	...
...	...			...	...
...	...			...	...
...	...			...	...
...	...			...	...

LOG of the "Enterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 1st of Jan 1900
1	6		ESE	West		15W			4 AM. Wind freshening & fine
2	6		"	"		"			
3	6	4	"	"		"			
4	6	4	"	"		"			
5	7	4	"	"		"			8" Do Do
6	7	4	"	"		"			
7	8		"	"		"			
8	8		"	NW		"			
9	8		"	"		"	29.80	54	Noon Do Do.
10	8		"	"		"			Ship Stile in company
11	8	4	"	"		"			
12	8	4	"	"		"			All plain sail set
1	9	4	ESE	"		22W			4 AM. Wind moderating & fine
2	9	4	"	"		"			
3	8	4	"	"		"			
4	8	4	"	"		"			
5	8		"	"		"			8" Increasing breze & light rain
6	8		"	"		"			
7	8		"	"		"			
8	8		"	"		"	29.84	54	Midnight Fresh breze & cloudy
9	9	4	ESE	"		20W			
10	9	4	"	"		"			
11	10		ESE	"		22W			Crew employed as yesterday
12	10		"	"		"			
									Distance per Log — Variation 22 W

COURSE	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells	Bearing and Distance at Noon.
DISTANCE 168		Acct. 42 30S		Acct. 35 22W	6 a.m. 2½	Pumps light Cook
Departure 139E		Obs.	191E	Chron.	Noon ... 2½	Shelley attended
	94S			Lunars	6 p.m. 2½	
					Midnt.	100

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 8	to 10		Brake	From Sunset	to Sunrise
... 10	... 12		Wallis	...	...
... 12	... 2		Edwards	...	...
... 2	... 4		Harland	...	...
...	...			...	...
...	...			...	...
...	...			...	...
...	...			...	...

LOG of the "Enterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 2nd of Jan 1890
1	10		E G 3/4 S.	N W		22 W			2 A.M. Fresh gale & squally. Hauled
2	10		E G S.	"		22 W			all light sails Mizen Topgallant
3	10		"	"		"			sail & crossjack
4	10		E 3/4 S.	"		24 W			4" Do Do.
5	9		E G 3/4 S.	"		"			
6	9		"	"		"			
7	9	4	"	"		"			8" Wind moderating & cloudy
8	9	4	"	"		"			Set all light sails
9	10		E G 3/4 S.	"		22 W			
10	10		"	"		"			
11	10	4	"	"		"	29.94	54	Noon. Fresh gale & fine clear ha
12	10	4	"	"		"			All plain sail set.
1	10	4	E G 1/2 S.	"		25 W			4 P.M. Fresh wind & fine
2	10	4	"	"		"			
3	10		"	"		"			
4	10		"	"		"			
5	10		"	"		"			8" Do Do.
6	10		"	"		"			
7	9		"	"		"			
8	9		"	"		"			
9	9	4	"	"		"	29.96		Midnight Do Do.
10	9	4	"	"		"			
11	9		"	"		"			Crew employed clearing lights
12	9		"	"		"			

Distance per Log — Variation 6° W.

COURSE	N 53 E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	222		Acct. 40° 14 S.		Acct. 31° 28 W.	6 a.m. 2	Pumps lights looked
Departure	176 E.		Obs. 40° 17 S.		Chron.	Noon	after & all attended
		136 N.		254 E.	Lunars	6 p.m. 2	to
						Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
8	12	Edwards	Sunset	Sunrise
10	6	Hailand		
12	8	Walley		
2	10	Blake		

LOG of the "Enterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Friday, the 3rd of Jan 1890
1	8	4	E G 3/4 S.	N W.		23 W			4 A.M. Decreasing breeze & cloudy
2	8	4	"	"		"			
3	8	4	"	"		"			
4	8	4	"	"		"			
5	8	4	"	"		"			8" Moderate wind & fine
6	8	4	"	"		"			clear wr.
7	8	4	"	"		"			
8	8	4	"	"		"			
9	8		"	N by W		"	30.06		Noon. Do Do
10	8		"	"		"			
11	7	4	"	"		"			All plain sail set
12	7	4	"	"		"			The ship was upright on 30th Dec 189 hours in depth of hold
1	7		E G 1/2 S.	"		23 W			
2	7		"	"		"			4 P.M. Moderate wind & fine
3	6	4	"	"		"			
4	6	4							
5	6	4	E G 3/4 S.	N W		23 W			8" Do Do.
6	6	4	"	"		"			
7	4		"	"		"			
8	4		E G 3/4 S.	"		23 W			
9	5	4	E G 3/4 S.	"		23 W	30.06	56	Midnight Do Do.
10	6	4	"	"		"			
11	6	4	"	"		"			Crew employed as before
12	5	4	"	"		"			

Course Obs. S 5/6 Dist. 214 Miles — Distance per Log — Variation 8° W

COURSE	N 5 E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	215		Acct. 39° 58 S.		Acct. 28° 14 W.	6 a.m. 2	Pumps lights looked
Departure	166 E.		Obs. 38° 05 S.		Chron. 28° 13 W.	Noon	after & all attended
		139 N.		213 E.	Lunars	6 p.m. 2	to
						Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
6	8	Harland	Sunset	Sunrise
8	10	Brake		
10	12	Walley		
12	2	Butcher		
2	4	Clifford		

LOG of the "Guiana" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 4th of Jan. 1890
1	5	4	E.b.S. ½ S.	N.by E.		2°W			4 A.M. Moderate breeze & fine
2	5	4	"	"		"			
3	5	4	"	"		"			
4	5	4	"	"		"			
5	6		"	"		"			8" Do Do Do
6	4		"	"		"	30.05	57	Spoke the ship "Bellerophon" from
7	4		"	"		"			Iquique 47 days out.
8	4		E.½S.	North		3°W			
9	5		E.by S.	N.by E.		3°W			Noon. Light breeze & fine clear
10	5		"	"		"			weather. Ship still in company.
11	4	4	"	"		"			All plain sail set to the best
12	4	4	"	"		"			advantage.
1	8		"	"		"			4 P.M. Wind freshening & overcast
2	8		"	"		"			
3	8		"	"		"			
4	8		"	"		"			
5	8		"	"		"			8" Do Do wind & misty rain
6	8		"	"		"			
7	8		East	"		3°W			
8	8		"	"		"	29.80	58	Midnight. Fresh breeze & fine
9	9		E.by S. ½ S.	North		2°W			
10	9		"	"		"			Crew employed physicking water
11	9		N.E.by E.	E.by N.		2°W			into Main tanks.
12	9		"	"		"			

Course E.by S. ½ S. Dist. 128 Miles — Distance per Log — Variation 12°W

COURSE E.by S.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 121		Acct. 36° 31'S		Acct. 26° 12½'W	6 a.m. 3	Pumps light. Looks
Departure 46.6E.	89	Obs. 36° 38'S	121E.	Chron. 26° 13'W	Noon ...	likely. Attended
				Lunars ...	6 p.m. 3	to.
					Midnt. ...	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Brake	From Sunset	to Sunrise
...	8	...	10	Butcher	...	...
...	10	...	12	Clifford	...	...
...	12	...	2	Wallis	...	...
...	2	...	4	Deane	...	...
...		...			...	...
...		...			...	...

LOG of the "Guiana" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 5th of Jan. 1890
1	9	4	E.b.S. ½ S.	N.E.		2°W			4 A.M. Fresh wind & cloudy
2	9	4	"	"		"			with light rain. Ship labouring
3	9		"	"		"			heavily & shipping large bodies of
4	9		"	"		"			water. Filling the cabin & main deck (cabin-door in)
5	8		N.E.	West		2°W			8" Decreasing breeze & fine
6	8		"	"		"			
7	8		"	"		"			
8	8		"	"		"			
9	7	4	"	"		"	29.92	58	Noon. Moderate wind & fine
10	7	4	"	"		"			with passing clouds.
11	7	4	"	"		"			All hands paid set
12	7	4	"	"		"			Ship still in company.
1	6		E.b.S. ½ S.	E.S.E.		2°W			4 P.M. Moderate breeze & fine
2	6		"	"		"			
3	5		"	"		"			
4	5		"	"		"			
5	5		"	"		"			8" Do Do Do.
6	5		"	"		"			
7	3		N.E.by E. ½ E.	E.S.E.		2°W			
8	4		N.E.	"		2°W			
9	4	4	N.E.by E.	"		2°W	30.04	58	Midnight. Light wind & fine
10	4	4	"	"		"			clear sky.
11	4		N.E.by E. ½ E.	"		2°W			
12	4		"	"		"			No work done being Sunday

Course N.E.by E. ½ E. Dist. 169 Miles — Distance per Log — Variation 12°W

COURSE N.E.by E. ½ E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 184		Acct. 34° 13'S		Acct. 23° 55'W	6 a.m. 3	Pumps light. Looks
Departure 115.6E.	144.6	Obs. 34° 16'S	140.6E.	Chron. 23° 14½'W	Noon ...	likely. Attended
				Lunars ...	6 p.m. 3	to.
					Midnt. ...	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Clifford	From Sunset	to Sunrise
...	8	...	10	Blake	...	...
...	10	...	12	Walker	...	...
...	12	...	2	Walker	...	...
...	2	...	4	Edwards	...	...
...		...			...	...
...		...			...	...

LOG of the "Eyulespe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Noon day, the 2nd of Jan 1890
1	3	4	N by W	South		2 3/4 E			4 AM Light airs & fine
2	3	4	"	"		"			
3	4	4	"	"		"			
4	4	4	"	"		"			
5	4		N by W 1/2 W	"		2 3/4 E			8' Do Do.
6	4		"	"		"			
7	4	4	"	"		"			
8	4	4	"	"		"			
9	5		"	"		"	30.08	62	Noon Moderate breeze & fine
10	5		"	"		"			with heavy swell from N.W.
11	5		"	"		"			Ship "Cuba" still in company
12	5		"	"		"			All plain sail set to the best advantage
1	4	4	N by E	East		1 E			4 PM Moderate wind & fine
2	4	4	"	"		"			Passed a ship bound south
3	3	4	"	"		"			
4	3	4	"	"		"			8' Do Do.
5	3	4	"	"		"			
6	3	4	"	"		"			
7	5		N by W	E by N		1 3/4 E			
8	5		"	"		"	30.10	68	Midnight Do Do.
9	4		N by W	N by E		1 1/2 E			
10	4		"	"		"			Crew employed setting up fore rigging
11	4	4	N by W 1/2 W	N by E		0 3/4 E			
12	4	4	"	"		"			
	Course	Obs	4 1/2	Dist	123	Miles			Distance per Log — Variation 16 E

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 113		Acct. 32 24 S		Acct. 28 23 W	6 a.m. 3	Pumps lights bottom
Departure 21 E		Obs. 32 18 S	24 E	Chron. 28 16 W	Noon ...	checks attended
	111			Lunars	6 p.m. 3	100.
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 6	to	8	Walker	From Sunset to Sunrise
... 8	...	10	Walters	... ...
... 10	...	12	Edwards	... ...
... 12	...	2	Deane	... ...
... 2	...	4	Golding	... ...
...	...			... ...
...	...			... ...

LOG of the "Eyulespe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Noon day, the 3rd of Jan 1890.
1	5		N by W 1/2 W	N by E		0 1/2 E			4 AM Moderate breeze & cloudy.
2	5		"	"		"			
3	6		"	"		"			
4	6		"	"		"			
5	6	4	N by W	N by E		0 1/2 E			8' Do Do
6	6	4	"	"		"			Passed ship bound south.
7	4		N by W	N by E		0 1/2 E			
8	4		"	"		"			
9	6	4	West	N by E		—	29.92	76	Noon Do Do
10	6	4	"	"		"			Ship still in company
11	6		"	"		"			
12	6		"	"		"			All plain sail set
1	6	4	E by N	E by N		3 2 E			1 PM Sighted ship to the Eastward
2	5	4	"	"		"			4 Moderate breeze & fine
3	5	4	East	E by N		3 1/2 E			
4	5	4	"	"		"			
5	6		"	"		"			8' Do Do
6	6		"	"		"			
7	5	4	"	"		"			
8	5	4	"	"		"			
9	5	4	"	"		"	29.98	76	Midnight Do Do.
10	5	4	"	"		"			
11	6		E by N	N by E		3 2 E			Crew employed clearing fore rigging
12	6		"	"		"			
	Course	Obs	N 55 E	Dist	119	Miles			Distance per Log — Variation 13 E

COURSE N 4 W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 111		Acct. 31 06 S		Acct. 24 53 W	6 a.m. 3	Pumps lights bottom
Departure 83 E		Obs. 31 06 S	9 4 E	Chron. 25 13 W	Noon ...	checks attended
	1 3 E			Lunars	6 p.m. 3	100.
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 6	to	8	Edwards	From Sunset to Sunrise
... 8	...	10	Walker	... ...
... 10	...	12	Deane	... ...
... 12	...	2	Harland	... ...
... 2	...	4	Butcher	... ...
... 4	...	6	Golding	... ...
...	...			... ...
...	...			... ...

LOG of the "Guiseppe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 5th of Jan 1890.
1	5	4	SbyW.	var.		3¼E			4 AM. Moderate breeze & fine
2	5	4	"	"		"			
3	5	4	SbyW½W	"		"			
4	5	4	"	"		"			4. Wind hauled suddenly to the
5	6		SbyW	"		"			Westward with heavy rain
6	6		"	"		"			8. Light unsteady winds & fine
7	4	4	SbyW½W	West		2¾E			
8	4	4	"	"		"			
9	2		NNE.	"		2¼E	30.11	44	Noon. Light airs with light rain
10	2			"		"			
11	2		SbyW½W	"		2¾E			All sq. sail carried
12	2		"	"		"			
1	1	4	NNE	var		2¾E			4 PM. Light airs with drizzly rain
2	1	4	"	"		"			
3	1	4	"	"		"			
4	1	4	"	"		"			
5	1	4	"	"		"			8. Light airs & calms & fine
6	1	4	"	"		"			
7	1	4	"	"		"			
8	1	4	"	"		"			
9	1	4	"	"		"	30.10	46	Midnight Wind freshening &
10	1	4	"	"		"			fine
11	2		"	"		"			
12	2		"	"		"			Crew employed as yesterday

Distance per Log

Variation 1¾E

COURSE	Var.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	114		Acct. 29. 47S		Acct. 23. 41 W	6 a.m. 2 ½	Pumps lights & look-out
Departure	21 E	96	Obs.	96 E	Chron.	Noon	strictly attended
					Lunars	6 p.m. 2 ½	100.
						Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
6	8	Wallis	Sunset	Sunrise
8	10	Harlands		
10	12	Butcher		
12	2	Deane		
2	4	Golding		
4	6	Clifford		

LOG of the "Guiseppe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 6th of Jan 1890.
1	3		NNE.	ESE		2¾E			4 AM. Increasing breeze & fine
2	3		"	"		"			
3	4		"	"		"			
4	4		"	"		"			
5	5		"	"		"			8. Do Do.
6	5		"	"		"			
7	5		"	"		"			
8	5		NbyE	SE		2¾E			
9	5		"	"		"			
10	5	4	"	"		"	30.14	46	Noon. Moderate wind attend-
11	5	4	"	"		"			ed by steady rain
12	4		"	"		"			All plain sail set.
1	3	4	NNE	South		2¾E			4 PM. Light wind with heavy
2	3	4	"	"		"			rain. Wind shifting suddenly
3	4		East	var.		3¼E			to the NE.
4	1		"	"		"			
5	1		NbyE	SbyW		2¼E			8. Sighted ship to the Northward
6	1		"	"		"			
7	1	4	NNE	"		"			8. Light airs & fine
8	1	4	"	"		"			
9	0		"	"		"			
10	0		"	"		"	30.16	48	Midnight Calm & cloudy
11	0		"	"		"			
12	0		"	"		"			Crew employed cleaning Brass

Distance per Log

Variation 1¾E

COURSE	N 24 E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	98		Acct. 28 29S		Acct. 23. 44 W	6 a.m. 2	Pumps lights look-
Departure	40 E	89	Obs.	36	Chron.	Noon	strictly attended
					Lunars	6 p.m. 2	100
						Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
6	8	Butcher	Sunset	Sunrise
8	10	Wallis		
10	12	Deane		
12	2	Clifford		
2	4	Walker		
4	6	Golding		

LOG of the "Enterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Fpe day, the 10th of Jan 1890
1	2	4	WNW	South		2°W			4 A.M. Light breeze & fine
2	2	4	"	"		"			
3	4		"	"		"			
4	4		"	"		"			8" Light airs & fine
5	2		NbyE½E	E.S.E		2°W			
6	2		"	"		"			
7	1	4	"	"		"			
8	1	4	"	"		"			
9	1	4	W¾S	"		1°W	30.16	80.	Noon Do wind with Lot pulley
10	1	4	"	"		"			log.
11	1	4	WNW	"		2°W			
12	1	4	"	"		"			All plain sail set to the best advantage
1	3		WbS	var		1°W			4 P.M. Light breze attended by
2	3		"	"		"			light showers of rain
3	3	4	NbyE½E	"		2°W			
4	3	4	"	"		"			
5	3		"	"		"			
6	3		"	"		"			8" Do Do
7	4		North	"		1°W			
8	4		"	"		"			
9	4		WbS	"		1°W	30.20	80.	Midnight Moderate breze &
10	6		NbyE	"		1°W			fine
11	5		NbyW½W	"		2°W			
12	5		"	"		"			Crew employed rattling down

Distance per Log ____ Variation 1°W

COURSE	NbyW	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	112		Acct. 24° 46'8		Acct. 23° 46'2	6 a.m. 3 ½	Pumps light lookout
Departure	24W				Chron. 23° 51'2	Noon ...	strictly attended
		1°33	Obs. 24° 34'8	2'5	Lunars ____	6 p.m. 3 ½	to
						Midnt. ...	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.		
From	6	to	8	Walker.	From Sunset	to	Sunrise
...	8	...	10	Clifford	...	...	
...	10	...	12	Walker	...	...	
...	12	...	2	Deane	...	...	
...	2	...	4	Golding	...	...	
...	4	...	6	Edwards	...	...	
...		...			...	...	

LOG of the "Enterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 11th of Jan 1890
1	5		NbyE½E	var.		2°W			4 A.M. Moderate pretty
2	5		"	"		"			wind with showers rain
3	5	4	"	"		"			
4	5	4	"	"		"			
5	5		NbyE	"		2°W			
6	5		"	"		"			8" Do Do
7	5		"	"		"			
8	5		"	"		"			
9	5		"	"		"			
10	5		"	"		"	30.16	80.	Noon Do Do.
11	5		WbyN½N	"		2°W			
12	5		"	"		"			
1	5	4	WbS	"		1°W			4 P.M. Moderate breze & fine
2	5	4	"	"		"			
3	5	4	"	"		"			
4	5	4	"	"		"			
5	5	4	"	"		"			8" Do Do Unsk with Lot pulley
6	5	4	"	"		"			log.
7	5	4	"	"		"			
8	5	4	"	"		"			
9	5	4	"	"		"			
10	5	4	"	"		"	30.11	82.	Midnight Do Do.
11	5	4	"	"		"			
12	5	4	"	"		"			Crew employed shifting sails

Distance per Log ____ Variation 1°W

COURSE	NbyE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	107		Acct. 25° 47'8		Acct. 24° 46'6	6 a.m. 3 ½	Pumps light lookout
Departure	11W				Chron. ____	Noon ...	strictly attended
		1°67	Obs. ____	1°3	Lunars ____	6 p.m. 3 ½	to
						Midnt. ...	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.		
From	6	to	8	Walker	From Sunset	to	Sunrise
...	8	...	10	Valler	...	...	
...	10	...	12	Deane	...	...	
...	12	...	2	Edwards	...	...	
...	2	...	4	Holland	...	...	
...	4	...	6	Golding	...	...	
...		...			...	...	

LOG of the "Guiana" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 12th of Jan 1890
1	5	4	N½W	Var		19W			4 AM Moderate unsteady wind & hot sultry wr.
2	5	4	"	"		"			
3	5	4	"	"		"			
4	5	4	"	"		"			
5	5	4	"	"		"			8" Do Do.
6	5	4	"	"		"			
7	6		"	"		"			
8	6		"	"		"			
9	6		"	"		"			
10	6		"	"		"	30.08	82	Noon Do Do.
11	6		"	"		"			
12	6		"	"		"			All plain sail set.
1	6		NbW.	"		18W			4 PM Moderate unsteady wind & fine
2	6		"	"		"			
3	6		"	"		"			
4	6		"	"		"			
5	3	4	N½W.	"		"			8" Light wind with occasional showers of rain
6	3	4	"	"		"			
7	3	4	"	"		"			
8	3	4	"	"		"			
9	3		"	"		"			
10	4		N½W.	"		19W	30.08	82	Midnight Light variable wind with heavy showers rain
11	2	4	"	"		"			
12	2	4	"	"		"			No work done it being Sunday

Distance per Log — Variation 17W

COURSE	N 14 W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	135		Acct 23. 36S		Acct 24. 40W	6 a.m. 3	Pumps light lookout
Departure	33 W		Obs 23. 40S		Chron 24. 35W	Noon	strictly attended
		131 N		36 W	Lunars	6 p.m. 3	to
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Wallis	From Sunset	to Sunrise
...	8	... 10	Edwards	...	...
...	10	... 12	Hailand	...	...
...	12	... 2	Keane	...	...
...	2	... 4	Goldney	...	...
...	4	... 6	Butcher	...	...
...		...		...	...

LOG of the "Guiana" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Noon day, the 13th of Jan. 1890.
1	3	4	NbW NW.	Var		15W			4 AM Light variable winds & fine
2	3	4	"	"		"			
3	3	4	NbW½W.	"		19W			
4	3	4	"	"		"			
5	2		NbW.	"		18W			8" Do Do.
6	4		Var	"		9W			
7	4		NbW	"		6W			
8	4		"	"		"			
9	4		"	"		"			
10	4	4	"	"		"	30.12	80.	Noon Do Do with hot sultry wr.
11	4	4	"	"		"			
12	4	4	NbW NW.	"		15W			All plain sail set to the best advantage.
1	3		NbW	SbW		12W			
2	3		"	"		"			4 PM Light wind & fine
3	3	4	North	"		14W			
4	3	4	"	"		"			
5	3	4	"	"		"			8" Do Do.
6	3	4	"	"		"			
7	4		NbW	"		18W			
8	4		"	"		"			
9	4	4	"	East		16W	30.06	80.	Midnight Moderate hazy & fine with hot sultry wr.
10	4	4	"	"		"			
11	4	4	"	"		"			
12	4	4	"	"		"			Crew employed rattling down rigging

Course 06 4 19W Dist. 107 Miles

Distance per Log — Variation

COURSE	N 17W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	95		Acct 22. 09		Acct 26 16W	6 a.m. 3	Pumps light lookout
Departure	27W		Obs 22. 03		Chron 26. 08W	Noon	strictly attended
		91 N		36W	Lunars ?	6 p.m. 3	to
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Hailand	From Sunset	to Sunrise
...	8	... 10	Keane	...	...
...	10	... 12	Goldney	...	...
...	12	... 2	Butcher	...	...
...	2	... 4	Clifford	...	...
...	4	... 6	Parrow	...	...
...		...		...	...

LOG of the "Eulerpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 14th of Jan 1890
1	2		S 3/4 E	Var		1pt			4 AM Moderate murkady wea
2	12		SSE	"		2pt			& fine
3	5		S by E	"		1pt			
4	4		S by E	"		1pt			
5	6		SSE	"		2pt			
6	4		S by E	"		1pt			8" Steady breeze & hot sultry
7	4	4	"	"		"			
8	4	4	"	E.S.E.		"			
9	6	4	"	"		"			
10	6	4	"	"		"	30.12	80.	Noon Do Do
11	5	4	S by E	"		1pt			
12	5	4	"	"		"			All plain sail set
1	4	4	"	"		1pt			4 PM Moderate breeze & fine
2	4	4	"	"		"			
3	5		"	"		"			
4	5		"	"		"			
5	5		"	"		"			8" Do Do.
6	5		"	"		"			
7	6		"	"		"			
8	5		"	"		"			
9	5		"	"		"	30.10	80.	Midnight Do Do.
10	5		"	"		"			
11	6	4	"	"		"			Crew employed as yesterday
12	6	4	"	"		"			
	Course		SSE	Dist.	121	Miles			Distance per Log

Variation 16 W

COURSE	SSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	123		Acct 20 – 04S		Acct 25 . 24W	a.m. 0	Pumps lights boxed
Departure	49W	113	Obs 20 04S	49W	Chron. 25 . 29W	Noon ...	strictly attended
					Lunars	6 p.m. 0	to.
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Keane	From Sunset	to Sunrise
...	8	... 10	Butcher	...	...
...	10	... 12	Clifford	...	...
...	12	... 2	O'Leary	...	...
...	2	... 4	Lucas	...	...
...	4	... 6	Walters	...	...
...		...		...	...
...		...		...	...

LOG of the "Eulerpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 15th of Jan 1890
1	4		S by E	East		1pt			4 AM Pleasant wind & fine
2	4		"	"		"			
3	4		"	"		"			
4	4	4	"	"		"			
5	6	4	"	"		"			8" Do Do.
6	6	4	"	"		"			
7	6		"	"		"			
8	6		"	"		"			
9	6		"	"		"			
10	5	4	"	"		"	30.10	80.	Noon Do Do.
11	5	4	"	"		"			
12	5		S by E	"		1pt			All plain sail set
	5		"	"		"			
1	5	4	S by W	"		1pt			4 PM Moderate wind & fine
2	5	4	"	"		"			
3	5	4	"	"		"			
4	5	4	"	"		"			
5	5		"	"		"			8" Do Wind with heavy rain
6	5		"	"		"			
7	4	4	"	"		"			
8	4	4	"	"		"			
9	2		S by W	"		1pt	30.10	80.	Midnight Pleasant breeze & fo
10	8		S by E	"		1pt			
11	5		S 3/4 E	"		"			Crew employed pulling about
12	5								
	Course		SE by S	Dist.	113	Miles			Distance per Log

Variation 15 W

COURSE	SE by S	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	137		Acct 17 49S		Acct 26 . 55W	a.m. 0	Pumps lights boxed
Departure	24W	135	Obs 17 50S	24W	Chron 26 . 22W	Noon ...	strictly attended
					Lunars	6 p.m. 0	to.
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Clifford	From Sunset	to Sunrise
...	8	... 10	Keane	...	...
...	10	... 12	Goldney	...	...
...	12	... 2	Walters	...	...
...	2	... 4	Edwards	...	...
...	4	... 6.	Lucas	...	...
...		...		...	...

Current set ship West 24 Miles last 24 hours

LOG of the "Guiteope" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thurs. day, the 16th of Jan 1890
1	4	4	NbE	East		1¾E			4 AM Pleasant breeze & fine
2	4	4	"	"		"			
3	4	4	"	"		"			
4	4	4	"	"		"			
5	4	4	"	"		"			8" Do Do
6	4	4	"	"		"			
7	4	4	"	"		"			
8	4	4	"	"		"			
9	4	4	"	"		"	30.08	80	Noon Do Do.
10	4	4	"	"		"			With hot sultry wr.
11	5		"	"		"			
12	5		"	"		"			All plain sail set to the best advantage.
1	3	4	NbE½E	ESE		"			
2	3	4				"			4 PM Light breeze & fine
3	4	4	NbE½E	"		1¾E			
4	4	4	"	"		"			
5	4	4	"	"		"			8" Do Do
6	4	4	"	"		"			
7	4	4	"	"		"			
8	4	4	"	"		"			
9	5		"	"		"	30.08	80	Midnight Do Do
10	5		"	"		"			With hot sultry wr.
11	5		"	"		"			
12	5		"	"		"			Crew employed as yesterday

Course Wbs N 22½ W Dist. 119 Miles — Distance per Log — Variation 16E

COURSE	N 16 W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	116		Acct. 15 - 655		Acct. 26 - 39E	6 a.m. 4	Pumps light boat.
Departure	16 W		Obs. 16 - 005	16 W	Chron. 27 - 69E	Noon	Wrecks attended
		1154			Lunars	6 p.m. 4	1st.
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Beane	From Sunset	to Sunrise
...	8	... 10	Walker	...	...
...	10	... 12	Edwards	...	...
...	12	... 2	Golding	...	...
...	2	... 4	Lugard	...	...
...	4	... 6.	Holland.	...	...
...		...		...	...

Current set ships West 4½ Miles Last 24 hours.

LOG of the "Guiteope" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Fri day, the 17th of Jan 1890.
1	6		NbE½E	East		1¾E			4 AM Moderate wind & fine
2	6		"	"		"			
3	6	4	"	"		"			
4	6	4	"	"		"			
5	6		"	"		"			8" Do Do
6	6		"	"		"			
7	4		"	"		"			
8	4		"	"		"			
9	4		"	"		"	30.08	80	Noon Do Do.
10	4	4	"	"		"			
11	6		NbE¾E	"		1¾E			All plain sail set to the best advantage.
12	6		"	"		"			
1	4	4	NbE½E	"		1¾E			4 PM Pleasant breeze & fine
2	4	4	"	"		"			
3	5		"	"		"			With hot sultry wr.
4	5		"	"		"			
5	5		"	"		"			
6	5		"	"		"			8" Do Do
7	6		NbE¾E	"		1¾E			
8	5		"	"		"			
9	6		"	"		"	30.08	80	Midnight Do Do.
10	6		"	"		"			
11	6		NbE½E	"		1¾E			
12	6		"	"		"			

Course Wbs N 22½ W Dist. 123 Miles — Distance per Log — Variation 16E

COURSE	N 16 W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	119		Acct. 14 - 00S		Acct. 27 - 12E	6 a.m. 4	Pumps light boat.
Departure	3 W		Obs. 13 - 59S	3 W	Chron. 27 - 23	Noon	Wrecks attended
		1206			Lunars	6 p.m. 4	1st.
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Edwards	From Sunset	to Sunrise
...	8	... 10	Beane	...	...
...	10	... 12	Golding	...	...
...	12	... 2	Hallett	...	...
...	2	... 4	Butcher	...	...
...	4	... 6.	Lugard	...	...
...		...		...	...

Current set ships West 2 Miles per hour for last 24 hours.

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 18th of Jan 1890
1	6		NbW½W	S by E		1pt			4 AM. Moderate wind & fine
2	6		"	"		"			clear ldb.
3	5	4	"	"		"			
4	5	4	"	"		"			
5	6		NbW½W	"		1pt			8" Do Do
6	6		"	"		"			
7	6		NbW½W	"		1pt			
8	6		"	"		"			
9	6		"	"		"	30.10	81	Noon Do Do
10	6		"	"		"			
11	6		"	"		"			All plain sail set
12	6		"	"		"			
1	6		"	"		1pt			4 PM. Moderate breeze & fine
2	6		"	"		"			
3	6		NbW½W	"		2pts			
4	6		"	"		"			
5	5		"	"		"			8" Do Do.
6	5		"	"		"			
7	5	4	"	"		"			
8	5	4	"	"		"			
9	6		"	"		"	30.10	81	Midnight Do Do.
10	6		"	"		"			
11	6		"	"		"			Crew employed scraping down
12	6		"	"		"			

Course NbW½W Dist. 134 Miles — Distance per Log — Variation 14° W

COURSE	NbW½W	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	136		Acct. 11 - 44S		Acct. 37 - 33W	a.m. 3	Pumps lights look
Departure	10E				Chron. 37 - 39W	Noon	strike attended
		135	Obs. 11 - 42S	10E	Lunars	6 p.m. 3	to
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Deane	From Sunset	to Sunrise
...	8	...	10	Garland	...	...
...	10	...	12	Butcher	...	...
...	12	...	2	Golding	...	...
...	2	...	4	Lugar	...	...
...	4	...	6.	Clifford	...	...
...		...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 19th of Jan 1890.
1	5	4	NbW½W	S by E		2pts			4 AM Pleasant breeze & fine
2	5	4	"	"		"			with lot sailing ship
3	6		"	"		"			
4	6		"	"		"			
5	6		NbW½W	"		2pts			8" Do Do
6	6		"	"		"			
7	6		"	"		"			
8	6		"	"		"			
9	5	4	"	"		"	30.06	82	Noon Do Do.
10	5	4	"	"		"			
11	6		NbW½W	"		2pts			All plain sail set
12	6		"	"		"			
1	6		NbW	SbW		1pt			4 PM. Moderate breeze & fine
2	5		"	"		"			
3	5	4	"	"		"			
4	5	4	"	"		"			
5	6		"	"		"			8" Do Do
6	6		"	"		"			
7	6	4	"	"		"			
8	6	4	"	"		"			
9	6	4	NbW½W	SbW		1pt	30.03	82	Midnight Do Do.
10	6	4	NbW			1pt			
11	4		NbW	SbW		1pt			No work done it being sunday
12	4		"	"		"			

Course NbW Dist. 113 Miles — Distance per Log — Variation 18° W

COURSE	NbW	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	139		Acct. 9 - 28S		Acct. 27 - 36W	a.m. 3	Pumps lights look
Departure	3E				Chron. 27 - 27W	Noon	strike attended
		139	Obs. 9 - 25S	3E	Lunars	6 p.m. 3	to
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Butcher	From Sunset	to Sunrise
...	8	...	10	Deane	...	...
...	10	...	12	Golding	...	...
...	12	...	2	Clifford	...	...
...	2	...	4	Collins	...	...
...	4	...	6.	Lugar	...	...
...		...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 20th of Jan 1890
1	6		NNE	SSE		19W			4 AM Moderate breeze & fine
2	6		"	"		"			
3	5	4	"	"		"			
4	5	4	"	"		"			
5	5	4	NbW	"		17W			8" Do Do.
6	5	11	"	"		"			
7	6		"	"		"			
8	6		"	"		"			
9	5	4	"	"		"	29.98	82.	Noon Do Do.
10	5	4	"	"		"			
11	5	4	"	"		"			
12	5	4	"	"		"			All plain sail set
1	5	4	NbW½W	SE		18W			4 PM Pleasant wind & fine
2	5	4	"	"		"			
3	4	4	"	"		"			
4	4	4	"	"		"			
5	4	4	"	"		"			8" Do Do
6	4	4	"	"		"			
7	4	4	"	"		"			
8	4	4	"	"		"			
9	4		NbW	"		17W	29.98	84.	Midnight Do Do
10	4		"	"		"			Warm sultry wr
11	3	4	"	"		"			
12	3	4	"	"		"			Crew employed tarring down

Distance per Log — Variation 17°W

COURSE	NbW	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	111		Acct. 6° 59 S		Acct. 37° 32 W	6 a.m. 3	Pumps lights look
Departure	41 W		Obs.		Chron.	Noon	strike & attended
		111 N		41 W	Lunars	6 p.m. 3	100
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Golding	From Sunset	to Sunrise
8	10		Clifford		
10	12		Walters		
12	2		Brake		
2	4		Paton		
4	6		Edwards		

LOG of the "Euterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tues day, the 21st of Jan 1890
1	3	4	NbW	E		19W			4 AM Light breeze & fine
2	3	4	"	"		"			
3	4		"	"		"			
4	4		"	"		"			
5	3		"	"		"			8" Do Do
6	3		"	"		"			
7	3		NbW½W	"		18W			
8	2	4	"	"		"			
9	2	4	"	"		"			
10	2	4	NbW½W	"		"	29.98	84	Noon Do Do
11	2	4	"	"		"			
12	3	4	"	"		"			All plain sail set to the best advantage.
1	3	4	NW½W	"		17W			4 PM Light wind & fine
2	3	4	"	"		"			
3	4		"	"		"			
4	4		"	"		"			
5	4		"	"		"			8" Do Do
6	4		"	"		"			
7	4	4	"	"		"			
8	4	4	"	"		"			
9	5		"	"		"	29.98	84	Midnight Do Do
10	6		"	"		"			Warm sultry wr
11	5		"	"		"			
12	5		"	"		"			Crew employed tarring down

Distance per Log — Variation 15°W

COURSE	NW½W	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	93		Acct. 6° 26 S		Acct. 38° 18 W	6 a.m. 3	Pumps lights look
Departure	66 W		Obs. 5° 24 S		Chron. 38° 30 W	Noon	strike & attended
		93 N		5	Lunars	6 p.m. 3	100
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Walters	From Sunset	to Sunrise
8	10		Golding		
10	12		Lingard		
12	2		Edwards		
2	4		Barnard		
4	6		Paton		

LOG of the "Eyuleybe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 22nd of Jan 1890
1	5		N.W½N.	N.		1½W			4 A.M. Moderate breze &
2	5		"	"		"			fine Passed a ship bound
3	5		"	"		"			South
4	5		"	"		"			
5	5		"	"		"			
6	5		"	"		"			8" Do Wind & wk
7	5		"	"		"			passed several vessels bound
8	5		"	"		"			South. Spoke the ship Velita from
9	5		"	"		"			Glasgow to San Francisco 35 Days
10	5		"	"		"			Spoke the Gaimau Bayne from
11	4	4	"	"		"	30.02	85.	Noon. Do Do London to
12	4	4	"	"		"			All plain rail set Port Adelaide 28 Days out
1	4		W.½S.	"		1½W			4 P.M. Light breze & fine
2	4		"	"		"			
3	4		"	"		"			
4	4		"	"		"			
5	4		"	"		"			8" Do Do.
6	4		"	"		"			
7	4	4	W.½N.	"		1½W			
8	4	4	"	"		"			
9	3		"	"		"	30.02	84.	Midnight Do Wind with heavy
10	3		North	"		1½W			showers rain
11	4		"	"		"			
12	4		"	"		"			Crew employed scraping bright

Distance per Log — Variation 1½W

COURSE W.½N — Diff. Lat. — LATITUDE — Diff. Long. — LONGITUDE — Inches in the Wells. — Bearing and Distance at Noon.

DISTANCE 111 — Departure 19½W

Acct. 3 - 37 S — Diff. Lat. 108

Obs. 3 - 34 S

Acct. 28 - 48 W — Chron. 28 - 57 W — Lunars

6 a.m. 4½ — Noon 4½ — 6 p.m. — Midnt.

Pumps lights look out Steadily attended to.

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Golding	From Sunset	to Sunrise
...	8	...	10	Edwardes	...	...
...	10	...	12	Harland	...	...
...	12	...	2	Lucas	...	...
...	2	...	4	Polson	...	...
...	4	...	6.	Butcher	...	...
...		...			...	...

LOG of the "Eyuleybe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 23rd of Jan 1890
1	5		North	N.		1½W			4 A.M. Moderate wind & cloudy.
2	5		"	"		"			look
3	6		"	"		"			
4	6		"	"		"			
5	6		N.½W.	"		1½W			8" Do Do.
6	6		"	"		"			
7	5	4	N.W.	"		1½W			
8	5	4	"	"		"			
9	5		"	"		"			
10	5		"	"		"	30.00	84.	Noon Pleasant breze & fine
11	5		"	"		"			All plain rail set.
12	5		"	"		"			
1	4		W.½S.	"		"			4 P.M. Moderate breze & fine
2	4		"	"		"			
3	4		"	"		"			
4	4		"	"		"			
5	4	4	"	"		"			8" Do Do.
6	4	4	"	"		"			
7	4	4	W.½S.	W.		1½W			
8	4	4	"	"		"			
9	4	4	"	"		"	30.02	84.	Midnight Do Do.
10	4	4	"	"		"			
11	4	4	"	"		"			Crew employed scraping bright
12	4	4	"	"		"			work

Course W.½N 6 18½ Dist 112 Miles — Distance per Log — Variation 1½W

COURSE W.½N — Diff. Lat. — LATITUDE — Diff. Long. — LONGITUDE — Inches in the Wells. — Bearing and Distance at Noon.

DISTANCE 112 — Departure 20½W

Acct. 1 - 44 — Diff. Lat. 110 — Diff. Long. 20 W.

Obs. 1 - 47

Acct. 29 - 11 W — Chron. 29 - 26½W — Lunars

6 a.m. 4 — Noon — 6 p.m. 4 — Midnt.

Pumps lights look out Steadily attended to.

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Harland	From Sunset	to Sunrise
...	8	...	10	Golding	...	...
...	10	...	12	Lucas	...	...
...	12	...	2	Butcher	...	...
...	2	...	4	Clifford	...	...
...	4	...	6.	Polson.	...	...
...		...			...	...

Current set ship West 16 miles last 24 hours

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Friday, the 7th of Jan 1890
1	3		WbyS½S	Lbyt		1½W			4 A.M. Light breze & fine
2	3		"	"		"			Passed a steamer bound East
3	3	4	"	"		"			
4	3	4	"	"		"			
5	4		"	"		"			8" Do Do.
6	4		"	"		"			
7	3	4	"	"		"			
8	3	4	"	"		"			
9	3	4	"	"		"	30.00	84	Noon Do Do
10	3	4	"	"		"			
11	3		"	"		"			All plain sail set
12	3		"	"		"			
1	3	4	"	Var.		"			4 P.M. Light variable winds
2	3	4	"	"		"			with occasional showers of rain
3	3		"	"		"			
4	3		WbyN	"		12W			
5	3		"	"		"			8" Do Do.
6	3		WbyS	"		1½W			
7	2		"	"		"			
8	2		"	"		"			
9	2	4	"	"		"	30.02	84	Midnight Do Do.
10	2	4	"	"		"			
11	3		"	"		"			Crew employed as yesterday
12	4		WbyN	"		1½W			

Course W by N Dist. 98 Miles — Distance per Log — Variation 16W

COURSE	W by N	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	92		Acct. 20. 15 S		Acct. 29. 56 W	6 a.m. 4½	Pumps lights looked
Departure	92 W		Obs. 20. 9 S	0	Chron. 29. 56 W	Noon 4½	strictly attended
					Lunars	6 p.m. 4½	
						Midnt.	100

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Golding	From Sunset	to Sunrise
...	8	...	10	Butcher	...	...
...	10	...	12	Clifford	...	...
...	12	...	2	Lupton	...	...
...	2	...	4	Paton	...	...
...	4	...	6	Walkes	...	...
...		...			...	...

Current set ship West 10 Miles Last 24 hours

LOG of the "Euterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 25th of Jan 1890
1	2	4	WbyW	Var		4½W			4 A.M. Light unsteady winds
2	2	4	"	"		"			attended by light squalls &
3	3		North	"		5½W			heavy showers rain
4	4		NbyW	"		3½W			
5	2	4	NbyE	"		1½W			
6	2	4	"	"		"			8" Light breze & overcast
7	2	4	WbyS½S	"		1½W			
8	2	4	"	"		"			
9	2	4	WbyW½W	"		1½W			
10	2	4	"	"		"	30.02	83	Noon Steady wind & fine
11	3	4	"	"		"			
12	3	4	"	"		"			All plain sail set to take best advantage
1	3	4	NbyW	"		1½W			
2	3	4	"	"		"			4 P.M. Pleasant breze & fine
3	4		"	"		"			
4	4		"	"		"			
5	4	4	North	"		1½W			
6	4	4	"	"		"			8" Do Do.
7	3		WbyS	"		1½W			
8	3		"	"		"			
9	3	4	"	"		"			
10	3	4	"	"		"	30.02	85	Midnight Do Do.
11	3	4	NbyW	"		1½W			Passed a buoy bound South
12	3	4	"	"		"			Crew employed repairing Rigging

Course N by W 28W Dist. 98 Miles — Distance per Log — Variation 16W

COURSE	N by W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	89		Acct. 0. 55 N		Acct. 33. 60 W	6 a.m. 4½	Pumps lights looked
Departure	24 W	86 N	Obs. 1. 41 N	24 W	Chron. 33. 12 W	Noon 4½	strictly attended
					Lunars	6 p.m. 4½	
						Midnt.	100

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Clifford	From Sunset	to Sunrise
...	8	...	10	Golding	...	...
...	10	...	12	Lupton	...	...
...	12	...	2	Walkes	...	...
...	2	...	4	Edwards	...	...
...	4	...	6	Paton	...	...
...		...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 26th of Jan 1890
1	3		NbW	var.		3/4 W			4 AM. Light misty weather
2	3		"	"		"			& cloudy.
3	3		"	"		"			
4	3		"	"		"			
5	4		NbW 1/2 W	"		8 W			8. Do Do
6	4		"	"		"			
7	5		"	"		"			
8	5		"	"		"			
9	3	4	NbW 1/2 W	"		3/4 W	30.00	82.	Snow. Do Wind & Sea
10	3	4	"	"		"			
11	3	4	NbW	"		3/4 W			Moderate rain set.
12	3	4	"	"		"			
1	4	4	"	WbS 1/2 S		8 W			4 PM. Moderate. wind & Sea
2	4	4	"	"		"			
3	4	4	"	"		"			
4	4	4	"	"		"			
5	3	4	NbW 1/2 W	NW		9 W			8. Do Do.
6	3	4	"	"		"			
7	3	4	"	"		"			
8	3	4	"	"		"			
9	3	4	"	"		"	30.00	82.	Midnight Light breeze &
10	3	4	"	"		"			cloudy.
11	4	4	NbW	NbE		8 W			
12	4	4							No work done in being Sabbath

Courses NbW Dist. 95 Miles — Distance per Log — Variation 15 W

COURSE	NbW	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	95		Acct. 2 - 09 S.		Acct. 31 - 07 W	6 a.m. 4 1/2	Pumps lights look
Departure	30 W		Obs. 2 - 15 S.		Chron. 31 - 19 W	Noon	chicky attended
		6 9 S.		49	Lunars	6 p.m. 4 1/2	100
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Golding	From Sunset	to Sunrise
...	8	...	10	Walker	...	...
...	10	...	12	Edwards	...	...
...	12	...	2	Lucyan	...	...
...	2	...	4	Dalton	...	...
...	4	...	6	Hailand	...	...
...		...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Snow day, the 27th of Jan 1890.
1	5		NbW 1/2 W	SSE		8 W			4 AM. Moderate breeze & fine
2	5		"	"		"			
3	5		"	"		"			
4	5		"	"		"			
5	5		"	"		"			8. Do Do
6	5		"	"		"			
7	5		NbW	"		8 W			
8	5		"	"		"			
9	5		NbW 1/2 W	"		8 W	30.00	82.	Snow. Do Do.
10	5		"	"		"			
11	5		"	"		"			Moderate rain set.
12	5		"	"		"			
1	3	4	"	"		3/4 W			4 PM Light breeze & fine
2	3	4	"	"		"			
3	3	4	"	"		"			
4	3	4	"	"		"			
5	3	4	"	"		"			8. Do Do.
6	3	4	"	"		"			
7	4		NbW	"		8 W			
8	4		"	"		"			
9	4	4	WbN NbW	NbW		3/4 W	30.00	82.	Midnight Do Do.
10	4	4	"	"		"			
11	4	4	"	"		"			Crew employed cleaning paint
12	4	4	"	"		"			work &c.

Courses NbW 1/2 W Dist. 116 Miles — Distance per Log — Variation 15 W

COURSE	W 5 N	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	108		Acct. 3 - 19 S.		Acct. 32 - 47 W	6 a.m. 4 1/2	Pumps lights look
Departure	8 W.		Obs. 3 - 32 S.		Chron. 32 - 52 W	Noon	chicky attended
		6 4 S.		9 W	Lunars	6 p.m. 4 1/2	100
						Midnt.	

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Edwards	From Sunset	to Sunrise
...	8	...	10	Lucyan	...	...
...	10	...	12	Dalton	...	...
...	12	...	2	Hailand	...	...
...	2	...	4	Butcher	...	...
...	4	...	6	Brake.	...	...
...		...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 28th of Jan 1890
1	4		NW by W ½ W	W by S		5° W			4 AM Pleasant breeze & fine
2	4		"	"		"			with passing clouds
3	4	4	NW ½ W	W by S ½ S		5° W			
4	4	4	"	"		"			
5	4	4	NW by W ½ W	W by S ½ S		5° W			
6	4	4	"	"		"			8" Do Do
7	5		W ½ N	W by S		4° W			
8	5		"	"		"			
9	4		"	"		"			
10	4		"	"		"	30.12	82	Noon Do Do
11	4		"	"		"			
12	4		"	"		"			All plain sail set
1	4	4	NW by W	NW by S		5° W			4 PM Moderate breeze & fine
2	4	4	"	"		"			
3	4	4	"	"		"			
4	4	4	"	"		"			
5	4	4	NW by W	W by S		8° W			8" Do Do
6	4	4	"	"		"			
7	4	4	NW by W ½ W	W by S ½ S		12° W			
8	4	4	"	"		"			
9	5		NW by W	W ½ S		"	30.12	82	Midnight Light breeze & cloudy
10	9		W by N	W by S ½ S		11° W			
11	2	4	North	S ½ W		16° W			Crew employed cleaning paint
12	2	4	Course 116	46 Miles		100			work.

Distance per Log — Variation 13° W

COURSE 263° — Diff. Lat. — LATITUDE. — Diff. Long. — LONGITUDE. — Inches in the Wells. — Bearing and Distance at Noon.

DISTANCE 98 — Departure 88 W — 44 N

Acct. 3° - 6' S — Obs. 3° 6' S — 98 W

Acct. 84° - 20' W — Chron. 84° - 25' W — Lunars

6 a.m. 4 ½ — Noon — 6 p.m. 4 ½ — Midnt.

Pumps lights forward steadily attended 108

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Lunan	From Sunset	to Sunrise
...	8	...	10	Halcyard	...	...
...	10	...	12	Butcher	...	...
...	12	...	2	Paton	...	...
...	2	...	4	Brake	...	...
...	4	...	6	Clifford	...	...
...		...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 29th of Jan 1890.
1	6	4	North	var		17° W			4 AM Moderate unsteady winds
2	6	4	"	"		"			with heavy rain
3	4		N by W	"		23° W			
4	4		"	"		"			
5	4		N by E	"		19° W			
6	3		N by E ½ E	"		23° W			8" Do Do
7	3		"	"		"			
8	3		"	"		"			
9	4		"	"		"			
10	4		"	"		"	30.00	80	Noon Light airs & fine
11	1		NE by N	"		14° W			
12	1		"	"		"			All square sail set
1	2		NE by N	"		3° W			4 PM Light breeze & fine
2	2		"	"		"			
3	3		NNE	"		11° W			
4	3		"	"		"			
5	2	4	E by S ½ S	"		15° W			8" Do Do
6	2	4	"	"		"			
7	2	4	NNE	"		11° W			
8	2	4	"	"		"	30.00	80	Midnight Light unsteady
9	3		E by N ½ N	"		13° W			winds & fine
10	3		"	"		"			
11	3	4	"	"		"			Crew employed as yesterday
12	3	4	"	"		"			

Distance per Log — Variation 11° W

COURSE 224° — Diff. Lat. — LATITUDE. — Diff. Long. — LONGITUDE. — Inches in the Wells. — Bearing and Distance at Noon.

DISTANCE 88 — Departure 36 W — 81 S

Acct. 5° - 13' S — Obs. — 36 W

Acct. 84° 52' 45" W — Chron. — Lunars

6 a.m. 4 ½ — Noon — 6 p.m. 4 ½ — Midnt.

Pumps lights forward steadily attended 108

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Butcher	From Sunset	to Sunrise
...	8	...	10	Lunan	...	...
...	10	...	12	Paton	...	...
...	12	...	2	Clifford	...	...
...	2	...	4	Halcyard	...	...
...	4	...	6	Brake	...	...
...		...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 30th of Jan 1890
1	4		SbW½W	Var		1½W			4 AM Moderate unsteady wea
2	4		"	"		"			& fine
3	4		SbW½W	"		1½W			
4	4		"	"		"			
5	4		SbW½W	"		1¾W			8" Do Wind with occa
6	4		"	"		"			sional showers of rain
7	5		NbW½W	"		1¾W			
8	2		NbW	"		1¾W			
9	4	4	SbW½W	"		1¾W			
10	4	4	"	"	2pts	80.			Noon. Moderate breeze & fine
11	4	4	SbW½W	"		1¾W			
12	4	4	"	"		"			All plain sail set.
1	5		SbW½W	"		1¾W			4 PM Increasing breeze & clou
2	5		"	"		"			
3	6		"	"		"			
4	6		SbW½W	"		2W			
5	5	4	SW	"		1½W			8" Do Do.
6	5	4	"	"		"			
7	6	4	SbW½W	"		1¾W			
8	6	4	"	"		"			
9	6	4	SbW½W	"		2¼W	30m	80.	Midnight. Fresh moderate wea
10	6	4	"	"		"			& overcast.
11	6	4	SbW½W	"		1¾W			Crew employed cleaning Mai
12	6	4	"	"		"			

Course SbW to 30 W Dist. 164 Miles — Distance per Log — Variation 11W

COURSE 230W — Diff. Lat. — LATITUDE. — Diff. Long. — LONGITUDE. — Inches in the Wells.

DISTANCE 81 — Acct. 6 - 10 — Acct. 35 - 50 — 6 a.m. 1 ½

Departure 35 W — Obs. 6 - 07 — 35 W — Chron. 36 - 07 W — Noon 1 ½ — Lunars — 6 p.m. — Midnt.

Bearing and Distance at Noon: Pumps lights looke shrilly attended 100

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Lugan	From Sunset	to Sunrise
...	8	...	10	Clifford	...	...
...	10	...	12	Walters	...	...
...	12	...	2	Paton	...	...
...	2	...	4	Brake	...	...
...	4	...	6.	Edwards	...	...
...		...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Friday, the 31st of Jan 1890
1	4		NbW½W	Var		1¾W			4 AM Fresh wind & cloudy
2	4		"	"		"			weather.
3	4		"	"		"			
4	4								
5	6	4	NbW½W	NbW½W		2¼W			8" Do Do.
6	6	4	"	"		"			
7	6	4	"	"		"			
8	6	4							
9	6		SW	SbW½W		2¾W	30m	80.	Noon. Do Do.
10	6		"	"		"			
11	4	4	"	"		"			All plain sail set.
12	4	4	"	"		"			
1	4		NbW½W	SbW½W		3W			4 PM Brisk breeze & overcast
2	4		"	"		"			weather.
3	4		NbW½W	SbW		2¼W			
4	4		"	"		"			
5	4		NbW½W	SbW½W		3W			8" Do Do.
6	4		"	"		"			
7	4		NW	SbW		2¼W			
8	4		"	"		"			
9	4		NbW½W	SbW		1¾W	30m	78.	Midnight. Do Do.
10	4		"	"		"			
11	4		"	"		"			Crew employed cleaning
12	4		"	"		"			

Course NbW to 64 W Dist. 163 Miles — Distance per Log — Variation 12W

COURSE N64W — Diff. Lat. — LATITUDE. — Diff. Long. — LONGITUDE. — Inches in the Wells.

DISTANCE 153 — Acct. 9 - 58 — Acct. 34 - 47 — 6 a.m. 1 ½

Departure 106 W — 111 N — Obs. 8 - 58 — 106 W — Chron. 34 - 51 W — Noon 1 ½ — Lunars — 6 p.m. — Midnt.

Bearing and Distance at Noon: Pumps lights looked shrilly attended 100

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Walters	From Sunset	to Sunrise
...	8	...	10	Lugan	...	...
...	10	...	12	Paton	...	...
...	12	...	2	Edwards	...	...
...	2	...	4	Harlayd	...	...
...	4	...	6.	Brake	...	...
...		...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 1st of Feb 1890
1	6	4	NW½W	NE.		4½E			4 AM Decreasing breeze &
2	6	4	"	"		"			overcast
3	6	4	NNW½W	"		5E			
4	6	4	"	"		"			
5	6	4	"	"		"			8. Do Do.
6	6	4	"	"		"			
7	6		"	"		"			
8	6		"	"		"			
9	6		NW½W	"		4½E	29.98	56	Noon Moderate wind &
10	6		"	"		"			cloudy
11	6		"	"		"			
12	6		"	"		"			All plain sail set to the best
									advantage
1	6	4	WNW½W	"		6½E			4 PM. Moderate winds & cloudy
2	6	4	"	"		"			wr.
3	6	4	"	"		"			
4	6	4	"	"		"			
5	6		NNW½W	NNW		6½E			8. Do Do.
6	6		"	"		"			
7	6	4	NW½W	NNW		6E			
8	6	4	"	"		"			
9	6	4	WNW	"		11E	30.02	56	Midnight. Do Do.
10	6	4	"	"		"			
11	6	4	"	"		"			Crew employed painting mast
12	6	4	"	"		"			

Course W by N ½ N Dist. 168 Miles — Distance per Log — Variation 12 E

COURSE W 36 N — Diff. Lat. — LATITUDE. — Diff. Long. — LONGITUDE. — Inches in the Wells. — Bearing and Distance at Noon.

DISTANCE 158

Departure 98 — 124 — 100E

Acct. 10 - 11 0 — Obs. 10 - 10 2

Acct. 39 - 31½ — Chron. 39 - 47½ — Lunars

6 a.m. 1 ½ — Noon — 6 p.m. 1 ½ — Midnt.

Bearing and Distance at Noon: Pumps Sights Lost. Wind light & variable

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Lucas	From Sunset	to Sunrise
...	8	... 10	Edwards	...	...
...	10	... 12	Harland	...	...
...	12	... 2	Paton	...	...
...	2	... 4	Wallis	...	...
...	4	... 6	Butcher	...	...
...		...		...	...

Current set ship West 16 Miles Last 24 hours.

LOG of the "Euterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 2nd of Feb 1890
1	6	4	NW½W	NNE		4½E			4 AM Moderate breeze & fine
2	6	4	"	"		"			
3	3		NW½W.	E½N		3½E			
4	9		"	"		"			8. Do Do
5	6	4	"	"		"			
6	6	4	"	"		"			
7	6	4	NW¾W	NE½E		5E			
8	6	4	"	"		"	30.02	56	Noon Do Do
9	6	4	NW½W	"		11E			
10	6	4	"	"		"			All plain sail set.
11	6		"	"		"			
12	6		"	"		"			
1	6		"	"		6½E			4 PM. Moderate wind &
2	6		"	"		"			fine with passing clouds
3	6		NW½W	NE½E		8E			
4	6		"	"		"			
5	6		NW¾W	NE¾E		6½E			
6	6		"	"		"			8. Do Do
7	6		NW½W	NE½E		8E			
8	6		"	"		"			
9	6		NW¾W	"		9E	30.06	56	Midnight. Do Do
10	6		"	"		"			
11	6		"	"		"			
12	6		"	"		"			

Course W by N ¼ N Dist. 144 Miles — Distance per Log — Variation 12 E

COURSE W 22½ S — Diff. Lat. — LATITUDE. — Diff. Long. — LONGITUDE. — Inches in the Wells. — Bearing and Distance at Noon.

DISTANCE 149

Departure 56 — 142 — 56E

Acct. 12 - 29 — Obs. 12 - 26

Acct. 40 - 43E — Chron. 40 - 49E — Lunars

6 a.m. 1 ½ — Noon — 6 p.m. 1 ½ — Midnt.

Bearing and Distance at Noon: Pumps Sights Lost. Wind light & variable

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Harland	From Sunset	to Sunrise
...	8	... 10	Lucas	...	...
...	10	... 12	Paton	...	...
...	12	... 2	Butcher	...	...
...	2	... 4	Clifford	...	...
...	4	... 6	Wallis	...	...
...		...		...	...

LOG of the "Equerpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Mon day, the 5th of Feb. 1890.
1	6		S by E	S by W		9° W			4 AM. Pleasant breeze & fine
2	6		"	"		"			
3	6		S by E & S	E by S		13° W			
4	6		"	"		"			
5	6		"	"		"			
6	6		"	"		"			8" do do.
7	6		S by E	S by W		13° W			
8	6		"	"		"			
9	6		S by E & S	E by S		13° W 13° W	30.06	46	Noon Light wind & fine
10	6		"	"		"			
11	4	4	"	"		"			All plain sail set.
12	4	4	"	"		"			
1	5	4	S by E	"		2° W			4 PM Moderate breeze & fine with passing clouds.
2	5	4	"	"		"			
3	5	4	"	"		"			
4	5	4	"	"		"			
5	5	4	"	"		"			8" do do
6	5	4	"	"		"			
7	5	4	"	"		"			
8	5	4	"	"		"			
9	5	4	"	"		"	30.06	46	Midnight do do.
10	5	4	"	"		"			
11	5	4	"	"		"			Crew employed painting spars
12	5	4	"	"		"			

Course S by E ½ E Dist. 144 Miles — Distance per Log — Variation 1° W

COURSE S 6° E — Diff. Lat. — LATITUDE. — Diff. Long. — LONGITUDE. — Inches in the Wells. — Bearing and Distance at Noon.

DISTANCE 138 — Acct. 14 43 S — Acct. 41 06 W — 6 a.m. 1 1/2 — Pumps lights below

Departure 13 W — Obs. 14 48 S — Chron. 41 13 W — Noon ... — Strictly attended

1340 — 144 W — Lunars ... — 6 p.m. 1 1/2 — to

Midnt. ... — ...

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Paton	From Sunset	to Sunrise
...	8	...	10	Butcher	...	...
...	10	...	12	Clifford	...	...
...	12	...	2	Paton	...	...
...	2	...	4	Valler	...	...
...	4	...	6	Vallers.	...	...
...		...			...	...

LOG of the "Equerpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tues day, the 6th of Feb. 1890.
1	5		S by E	East		13° W			4 AM. Moderate unsteady
2	5		"	"		"			wind & fine
3	5		"	"		"			
4	5		"	"		"			
5	5		"	"		"			
6	5		"	"		"			8" do do.
7	6		S by E ½ E	S by E		16° W			
8	6		"	"		"			
9	4		"	"		"			
10	4		"	"		"	30.06	46	Noon Steady breeze &
11	6	4	"	"		"			cloudy for.
12	6	4	"	"		"			All plain sail set.
1	6		S by E	S E		20° W			4 PM Moderate breeze & fine
2	5		"	"		"			
3	5	4	S E	S S E		21° W			
4	5	4	"	"		"			8" do do.
5	5	4	"	"		"			
6	5	4	"	"		"			Squalow shifts to the
7	5	4	"	"		"			westward. with heavy rain
8	5	4	"	"		"			
9	2		"	"		"	30.06	46	Midnight light unsteady
10	1		S E	var		12° W			winds & fine clear wr.
11	3		S by W	"		23° W			
12	3		"	"		"			Crew variously employed

Course S by W ½ W Dist. 134 Miles — Distance per Log — Variation 14° W

COURSE S 2° E — Diff. Lat. — LATITUDE. — Diff. Long. — LONGITUDE. — Inches in the Wells. — Bearing and Distance at Noon.

DISTANCE 134 — Acct. 14 02 S — Acct. 41 07 W — 6 a.m. 1 1/2 — Pumps lights below

Departure 5 E — Obs. 14 02 S — Chron. 41 19 W — Noon ... — Strictly attended

1342 — 6 E — Lunars ... — 6 p.m. 1 1/2 — to

Midnt. ... — ...

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Butcher	From Sunset	to Sunrise
...	8	...	10	Paton	...	...
...	10	...	12	Brake.	...	...
...	12	...	2	Valler.	...	...
...	2	...	4	Edwards.	...	...
...	4	...	6	Beare.	...	...
...		...			...	...

LOG of the "Guiseppe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 5th of Nov. 1890
1	1		S.E.	var.		2½ W			4 A.M. Calm & fine clear ob.
2	1		"	"		"			
3	1		"	"		"			
4	1		East	"		2½ W			
5	—		Calm	—		—			8' Do Do
6	—		"	—		—			
7	—		"	—		—			
8	—		"	—		—			
9	—		"	—		—	30.06	46	Noon Do Do.
10	—		"	—		—			
11	—		"	—		—			
12	—		"	—		—			
1	4		N.N.E.	var.		2½ W			4 P.M. Light airs & fine
2		4	"	"		"			
3		4	"	"		"			
4		4	"	"		"			8' Calm with fine clear ob.
5		—	Calm	—		—			
6		—	"	—		—			
7		—	"	—		"			
8		—	"	—		"			
9		4	N.E.	var.		"	30.08	46	Midnight Light variable airs & calms.
10		4	"	"		"			
11		4	"	"		"			Crew employed painting ship
12		4	"	"		"			

Course N.E. by E. Dist. 63 Miles — Distance per Log — Variation 14° W

COURSE E.N.E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 66		Acct. 18 - 03 S		Acct. 40 - 45 W	6 a.m. 4½	Pumps light cocoa
Departure 23 E	61 S	Obs. 18 - 02 S	24 E	Chron. 40 - 48 W	Noon 4½	sheetly attended
				Lunars	6 p.m. 4½	to
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Patou	From Sunset	to Sunrise
" 8	" 10		Walker	"	"
" 10	" 12		Edwards	"	"
" 12	" 2		Braze	"	"
" 2	" 4		Walker	"	"
" 4	" 6		Harlands	"	"
"	"			"	"

LOG of the "Guiseppe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 6th of Nov. 1890
1	—		Calm	"		—			4 A.M. Light airs & calms.
2	—		"	"		—			
3		4	"	"		—			
4		4	N.N.E.	var.		1½ W			
5		4	"	"		"			8' Do Do
6		4	"	"		"			
7		4	"	"		"			
8		4	"	"		"			
9	1		W.S.W.	W.S.W.		9½ W	30.12	46	Noon Light steady airs & fine
10	1		"	"		"			
11	1		"	"		"			
12	1		"	"		"			All plain sail set.
1	1	4	W.S.W.	var.		11½ W			4 P.M. Light variable airs &
2	1	4	"	"		"			fine
3	1	4	"	"		"			
4	1	4	"	"		"			
5	1	4	W.S.W.	"		12½ W			8' Do Do
6	1	4	"	"		"			
7	2		"	"		"			
8	2		"	"		"			
9	4		W.S.W.	"		11½ W	30.08	46	Midnight Do Do.
10	4		"	"		"			
11	2		W.S.W.	"		13½ W			
12	3		W.S.W.	"		14½ W			

Course W.S.W. Dist. 166 Miles — Distance per Log — Variation 14° W

COURSE W.S.W.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 114		Acct. 18 - 13 S		Acct. 40 - 46 W	6 a.m. 4½	Pumps light cocoa
Departure 98	103 S	Obs. 18 - 12 S	72 E	Chron. 41 - 01 W	Noon 4½	sheetly attended
				Lunars	6 p.m. 4½	to
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Edwards	From Sunset	to Sunrise
" 8	" 10		Patou	"	"
" 10	" 12		Brake	"	"
" 12	" 2		Harlands	"	"
" 2	" 4		Butcher	"	"
" 4	" 6		Walker	"	"
"	"			"	"

Current set ships West 15 Miles last 24 hours

LOG of the "Enterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sat day, the 8th of Feb 1890
1	1	4	SbW	Var		18E			4 A.M. Light unsteady airs & fine
2	1	4	"	"		"			
3	1	4	SbW SSW	"		17E			
4	1	4	"	"		"			
5	1	4	SbW	"		8E			8 Do Do
6	1	4	"	"		"			
7	2		"	"		"			
8	2		"	"		"			
9	2	4	SbW SSW	"		7E	30.10	76	Noon. Light breze & fine
10	2	4	"	"		"			
11	2	4	"	"		"			All plain sail set
12	2	4	"	"		"			
1	2	4	"	"		"			4 P.M. Light unsteady winds & fine
2	2	4	"	"		"			
3	2		"	"		"			
4	2		"	"		"			
5	1	4	SbW SW	"		"			8 Do Do
6	1	4	"	"		"			
7	1	4	SbW SW	"		8E			
8	1	4	"	"		"			
9	1		WbN	"		2E	30.00	76	Midnight Do Do
10	1		"	"		"			
11	1	4	NbW	"		7E			Crew employed painting ship inside
12	1	4	"	"		"			

Course Obs W 3 3/4 N Dist 56 Miles — Distance per Log — Variation 14 W

COURSE W 29 W | Diff. Lat. | LATITUDE. | Diff. Long. | LONGITUDE. | Inches in the Wells. | Bearing and Distance at Noon.

DISTANCE 118

Departure 23 W

Acct. 18 - 54 S | Acct. 41 - 26 W | 6 a.m. 5 | Pumps lights bottom

Obs 18 - 54 S | Chron. 41 - 37 W | Noon | shocks attended

4 2 S | 25 | Lunars | 6 p.m. 5 | Midnt. | 100

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Paton	From Sunset	to Sunrise
...	8	...	10	Harlayne	...	...
...	10	...	12	Butcher	...	...
...	12	...	2	Brake	...	...
...	2	...	4	Waller	...	...
...	4	...	6.	Clifford	...	...
...	6.	...			...	...
...		...			...	...

LOG of the "Enterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday day, the 9th of Feb 1890
1	3	4	WbN	Var		6E			4 A.M. Light unsteady breze & fine
2	3	4	"	"		"			
3	5		"	"		"			
4	2		WbN	"		18E			
5	3		NbW	"		14W			8 Do Do
6	3		"	"		"			
7	3		WbS	"		20E			
8	3		"	"		"			
9	4		WbS SW	"		"	30.12	76	Noon. Moderate wind & fine
10	4		"	"		"			
11	4	4	"	"		"			
12	4	4	"	"		"			All plain sail set
1	3		WbS	"		18E			4 P.M. Unsteady winds & fine with passing clouds
2	3		"	"		"			
3	3		WbS	"		20E			
4	3		"	"		"			
5	4		NbW	"		18E			8 Light breze. Studded by showers of rain
6	4		"	"		"			
7	2		North	"		14E			
8	2		"	"		"			
9	3	4	NbW	"		15E			
10	3	4	"	"		"	30.12	76	Midnight Moderate breze & fine
11	6		NbW NW	"		"			
12	6		"	"		"			Crew employed as yesterday

Course Obs W 3 3/4 N Dist 65 Miles — Distance per Log — Variation 14 W

COURSE W 19 W | Diff. Lat. | LATITUDE. | Diff. Long. | LONGITUDE. | Inches in the Wells. | Bearing and Distance at Noon.

DISTANCE 58

Departure 20 W

Acct. 19 - 19 S | Acct. 41 - 50 W | 6 a.m. 5 | Pumps lights bottom

Obs 19 - 33 S | Chron. 41 - 58 W | Noon | shocks attended

55 S | 20 W | Lunars | 6 p.m. 5 | Midnt. | 100

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Batchelor	From Sunset	to Sunrise
...	8	...	10	Paton	...	...
...	10	...	12	Brake	...	...
...	12	...	2	Clifford	...	...
...	2	...	4	Walters	...	...
...	4	...	6.	Waller	...	...
...		...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 9th of Feb. 1890
1	5		S1/2W	E by S		1/2 W			4 A.M. Moderate wind & fine
2	5		"	"		"			
3	5		"	"		"			
4	5		South	E by S		1 1/4 W			
5	6		"	"		"			8" Do Do
6	6		"	"		"			
7	6		"	"		"			
8	6		"	"		"			
9	5		"	"		"	30.14	56	Noon Do Do
10	5		"	"		"			
11	5		S1/2W	E by S		3/4 W			All plain rail set.
12	5		"	"		"			
1	5	4	NW1/2W	S by E		3/4 W			4 P.M. Moderate wind & cloudy.
2	5	4	"	"		"			
3	5	4	"	"		"			
4	5	4	"	"		"			
5	5	4	SW	E by S		1 W			8" Do Do.
6	5	4	"	"		"			
7	5	4	SSW1/2W	S by E		1 1/4 W			
8	5	4	"	"		"			
9	6		"	"		"	30.12	54	Midnight Fresh breeze &
10	6		"	"		"			regularly.
11	6		"	"		"			
12	6		"	"		"			

Course SW by S Dist. 167 Miles — Distance per Log — Variation 18 W

COURSE	SW by S	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	167		Acct. 21 – 38 S		Acct. 42 – 18 W	6 a.m. 5	Pumps light bowl
Departure	166 W				Chron. 42 – 32 W	Noon	sheathing attended
		205 S	Obs. 21 – 34 S	17 W	Lunars	6 p.m. 5	to
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Patou	From Sunset	to Sunrise
8	10		Clifford		
10	12		Walker		
12	2		Brake		
2	4		Waller		
4	6		Edwards		

LOG of the "Euterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Monday, the 10th of Feb. 1890
1	6		SSW1/2W	SE by S		2 W			4 A.M. Fresh wind & cloudy-
2	6		"	"		"			ish.
3	6		"	"		"			
4	6		"	"		"			
5	6		"	"		"			8" Do Do
6	6		"	"		"			
7	6		SW	W by S		1 W			
8	6		"	"		"			
9	6	4	SW1/2W	S by E		2 W	30.10	52	Noon Do Do.
10	6	4	"	"		"			
11	6	4	"	"		"			All plain rail set.
12	6	4	"	"		"			
1	6	4	SW	SE by S		1 W			4 P.M. Fresh steady wind & cloudy.
2	6	4	"	"		"			
3	6	4	"	"		"			
4	6	4	"	"		"			
5	6		"	"		"			8" Do Do.
6	6		"	"		"			
7	6		"	"		"			
8	6		"	"		"			
9	6		"	"		"	30.10	52	Midnight Decreasing breeze
10	6		"	"		"			& fine
11	5	4	"	"		"			
12	5	4	"	"		"			Crew variously employed

Course SW by S 1/2 S Dist. 146 Miles — Distance per Log — Variation 18 W

COURSE	SW by S 1/2 S	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	142		Acct. 23 – 23 S		Acct. 44 – 12 W	6 a.m. 5	Pumps light bowl
Departure	44 W				Chron. 44 – 17 W	Noon	sheathing attended
		106 S	Obs. 23 – 24 S	1 1/2 W	Lunars	6 p.m. 5	to
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Walker	From Sunset	to Sunrise
8	10		Brake		
10	12		Waller		
12	2		Edwards		
2	4		Harland		
4	6		Deane		

LOG of the "Enterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 11th of Feb 1890.
1	5	4	SbyW½W	NbyE½E		3½W			4 AM Moderate wind & fine
2	5	4	"	"		"			
3	5	4	"	"		"			
4	5	4	"	"		"			
5	5		"	"		"			8" Do Do
6	5		"	"		"			
7	4	4	"	"		"			
8	4	4	"	"		"			
9	3		"	"		"	30.14	52	Noon. Light breeze & fine
10	3		"	"		"			
11	2	4	"	"		"			All plain sail set to the best
12	2	4	"			"			advantage.
1	2	4	SbyW½W	NbyE		—			4 PM. Light airs & fine
2	2	4	"	"		—			
3	2		"	"		—			
4	2		"	"		—			
5	1	4	"	"		—			8" Light airs & calms.
6	1	4	"	"		—			
7	1		"	"		—			
8	1		"	"		—			
9	1		"	"		—	30.16	54	Midnight Do Do.
10	1		"	"		—			
11	1		"	"		—			Crew employed painting ship.
12	1		"	"		—			

Course NbW to W 45 W Dist. 134 Miles Distance per Log Variation 15 W

COURSE NbW to W 45 W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 125		Acct. 24°-56		Acct. 45-49.5	a.m. 3	Pumps light lookout
Departure 84.5	92.5	Obs. 24-57.5	92.5	Chron. 45-54.5	Noon 3	steadily attended
				Lunars	6 p.m.	to.
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Brake	From Sunset	to Sunrise
... 8	... 10		Edwards	...	...
... 10	... 12		Harland.	...	...
... 12	... 2		Waller	...	...
... 2	... 4		Deane	...	...
... 4	... 6		Butcher.	...	...
...	...			...	...

LOG of the "Enterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Monday, the 12th of Feb 1890.
1		4	ESE	var		3½W			4 AM Light variable airs & calms
2		4	"	"		"			
3		4	"	"		"			
4		4	"	"		"			
5		4	East	"		3½W			8" Do Do
6		4	"	"		"			
7		4	ESE½E	"		3½W			
8		4	"	"		"			
9	1		ESE	"		3½W			
10	1		"	"		"	30.14	56	Noon Do Do.
11		4	"	"		"			
12		4	"	"		"			
1	1	4	SE½E	"		3½W			4 PM Do Do
2	1	4	"	"		"			
3	1	4	SEbyE½E	"		3½W			
4	1	4	"	"		"			
5	1	4	"	"		"			8" Do Do
6	1	4	"	"		"			
7	1	4	SbyE	"		"			
8	1	4	"	"		"			
9	1	4	SbyE½E	"		2½W	30.12	54	Midnight Do Do.
10	1	4	"	"		"			
11	1		"	"		"			Crew employed cleaning ironwork
12	1		"	"		"			

Course NbW to W 52 W Dist. 23 Miles Distance per Log Variation 15 W

COURSE S 28 W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 17		Acct. 25-06		Acct. 46-03	6 a.m. 5	Pumps light lookout
Departure 8 W	15 W	Obs. 25-05	9 W	Chron. 46-11	Noon 3	steadily attended
				Lunars	6 p.m.	to.
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Harland	From Sunset	to Sunrise
... 8	... 10		Brake	...	...
... 10	... 12		Waller	...	...
... 12	... 2		Butcher	...	...
... 2	... 4		Clifford	...	...
... 4	... 6		Deane	...	...
...	...			...	...

LOG of the "Guerpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thurs day, the 13th of Feb 1890
1	2		East	var		3½W			4 AM Wind Hauled suddenly to
2	4		E by S	"		3½W			Eastward put ship on Starboa
3	4		E by S	"		3½W			tack with head W by N
4	4		"	"		"			
5	2		E by N	"		3½W			Increasing breeze & squally
6	5		E by S	"		1W			8" Do Do.
7	3		E by S	"		3W			
8	3		"	"		"			
9	5		"	"		"	30.20	42	Noon. Moderate wind with fair
10	6		"	"		"			swell from N by E causing ship to
11	6		E by N	E by S		4W			pitch heavily.
12	6		"	"		"			All plain sail set.
1	6		N by E	S by E		1W			4 PM Moderate wind with light
2	6		"	"		"			swell from N by E
3	6		"	"		"			
4	6		"	"		"			
5	6		"	"		"			8" Do Do.
6	6		"	"		"			
7	4	4	E by N	E by S		3½W			
8	4	4	"	"		"	30.20	42	Midnight Light breeze & cloudy
9	4		"	"		"			
10	4		"	"		"			Crew variously employed
11	4		"	"		"			
12	4		"	"		"			

Course NE by E Dist 148 Miles — Distance per Log — Variation 15W

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
NE by E		Acct. 25-55N		Acct. 46-10W	6 a.m. 4½	Pumps, lights, lookout
DISTANCE 531				Chron. 46-07W	Noon	strictly attended
Departure 98 E	537 N	Obs. 25-52N	4E	Lunars	6 p.m. 4½	
					Midnt.	look

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Brake	From Sunset	to Sunrise
8	10		Butcher		
10	12		Clifford		
12	2		Miller		
2	4		Deane		
4			Walker		

LOG of the "Guerpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Fri day, the 14th of Feb 1890
1	4		E by S	SE		3½W			4 AM Pleasant wind & fine
2	4		"	"		"			clear wr.
3	4		"	"		"			
4	4		"	"		"			
5	4		"	"		"			8" Do Do.
6	4		"	"		"			
7	4		"	"		"			
8	4		"	"		"			
9	4	4	"	"		"	30.20	42	Noon Increasing breeze & fine
10	4	4	"	"		"			
11	5		E by S	"		3½W			All plain sail set
12	5		"	"		"			
1	5		E by S	S by E		3½W			4 PM Moderate breeze & fine
2	5		"	"		"			
3	5		"	"		"			
4	5		"	"		"			
5	4		"	"		"			8" Do Do.
6	3		"	"		"			
7	6		E by S	S by E		3½W			
8	6		"	"		"			
9	4	4	"	"		"	30.20	42	Midnight Fresh wind & fine
10	4	4	"	"		"			
11	8		"	"		"			Crew employed rifling sails
12	8		"	"		"			

Course ENE ½ E Dist 112 Miles — Distance per Log — Variation 15W

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
ENE ½ E		Acct. 24-42N		Acct. 46-15W	6 a.m. 4½	Pumps, lights, lookout
DISTANCE 109				Chron. 46-11W	Noon	strictly attended
Departure 36 E	110 N	Obs. 24-44N	5W	Lunars	6 p.m. 4½	
					Midnt.	look

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Clifford	From Sunset	to Sunrise
8	10		Brake		
10	12		Walker		
12	2		Walker		
2	4		Edwards		
4	6		Deane		

LOG of the "Guerpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sat. day, the 15th of Feb. 1890.
1	8		SE½E	SSE		3½E			4 AM Fresh wind & fine
2	8		"	"		"			
3	9		"	"		"			
4	9		"	"		"			
5	9		"	"		"			8h Do wind with heavy shower rain
6	9		"	"		"			
7	8	4	"	"		"			
8	8	4	"	"		"			
9	8	4	"	"		"			
10	8	4	"	"		"	30.26	½0	Noon. Brisk breeze & misty wr
11	8	4	"	"		"			
12	8	4	"	"		"			All plain sail set
1	7	4	"	"		"			4 PM Fresh breeze & cloudy wr
2	7	4	"	"		"			
3	6		ESE	"		3½E			
4	6		"	"		"			
5	6	4	"	"		"			8h Do Do.
6	6	4	"	"		"			
7	6	4	"	"		"			
8	6	4	"	"		"			
9	7		"	"		"			
10	7		"	"		"	30.30	½0	Midnight Do Do.
11	7		"	"		"			Crew employed painting ship
12	7		"	"		"			

Course Wbs to 2½E Dist. 165 Miles. Distance per Log. Variation 15E

COURSE S 2½ E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 166		Acct. 30 - 16 N		Acct. 44 - 57 W	6 a.m. 2½	Pumps light both
Departure 7.0 E		Obs. 30 - 16 N		Chron. 44 - 63 W	Noon	strictly attended
	150 S		9.26	Lunars	6 p.m. 2½	
					Midnt.	105

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Brake	From Sunset	to Sunrise
8	10		Walters		
10	12		Edwards		
12	2		Walker		
2	4		Deane		
4	6		Harland		

LOG of the "Guerpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sun. day, the 16th of Feb. 1890
1	7		ESE	South		3½E			4 AM Fresh breeze & fine
2	7		"	"		"			
3	7	4	"	"		"			
4	7	4	"	"		"			
5	6	4	"	"		"			
6	6	4	"	"		"			8h Moderate wind & fine
7	5		"	"		"			clear wr
8	5		"	"		"			
9	7	4	"	"		"			
10	7	4	"	"		"	30.24	½0	Noon. Fresh wind & fine
11	7	4	"	"		"			
12	7	4	"	"		"			
1	6	4	East	SE		4½E			4 PM Moderate wind & fine clear
2	6	4	"	"		"			wr
3	6	4	"	"		"			
4	6	4	"	"		"			
5	6	4	"	"		"			
6	6	4	"	"		"			8h Do Do.
7	8		"	"		"			
8	8		"	"		"			
9	8	4	"	"		"			
10	8	4	"	"		"	30.20	½0	Midnight Do wind & clear
11	8	4	"	"		"			
12	8	4	"	"		"			

Course Wbs to 3½E Dist. 164 Miles. Distance per Log. Variation 16E

COURSE S 3½ E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 163		Acct. 32 - 34 S		Acct. 43 - 16 W	6 a.m. 4	Pumps light both
Departure 9.7 E		Obs. 32 - 35 S		Chron. 43 - 23 W	Noon	strictly attended
	132 S		102	Lunars	6 p.m. 4	
					Midnt.	109

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Edwards	From Sunset	to Sunrise
8	10		Brake		
10	12		Walker		
12	2		Harland		
2	4		Butcher		
4	6		Deane		

LOG of the "Euterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Mon day, the 17th of Feb 1890.
1	8	4	East	SW		4 5 W			4 AM Brisk breeze attended by
2	8	4	"	"		"			light squalls.
3	8	4	"	"		"			
4	8	4	"	"		"			
5	8	4	"	"		"			
6	8	4	"	"		"			8 do do.
7	8	4	"	"		"			
8	8	4	"	"		"			
9	8	4	"	"		"			
10	8	4	"	"		"	30.12	41	Noon. Fresh wind & fine
11	8		"	"		"			
12	8.		"	"		"			
1	8		S by E	"		"			4 PM Fresh breeze & squally
2	8		"	"		"			with heavy rain
3	8	4	"	"		"			
4	8	4	"	"		"			
5	7		"	"		"			8 Brisk wind with steady rain
6	7		"	"		"			Handed fore & main royals & mizen
7	7		"	"		"			& fore & aft staysail
8	7		"	"		"			9 Sudden shift to NW Handed fore & aft
9	7		"	"		"	30.24	48	Midnight Show squalls Handed
10	7		"	"		"			Upper topsails & Mizen sail
11	5		S by E	NW		"			
12	5					"			Crew variously employed

Course W by N 4 W Dist 188 Miles — Distance per Log — Variation 23 W

COURSE W 4 N	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 190		Acct 34 49 S		Acct 40 41 W	6 a.m. 2	Pumps light Lookout
Departure 134 W		Obs 34 57 S		Chron 40 49 W	Noon	steering attended
	134 W		162 W	Lunars	6 p.m. 2	
					Midnt.	100 C

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Walker	From Sunset	to Sunrise
...	8	...	10	Harlands	...	...
...	10	...	12	Butcher	...	...
...	12	...	2	Deane	...	...
...	2	...	4	Golding	...	...
...	4	...	6	Clifford	...	...
...		...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tues day, the 18th of Feb 1890.
1	5		S by E	S by W		4 0 W			4 AM Fresh gales attended by
2	5		"	"		"			fierce squalls.
3	3	4	"	"		"			
4	3	4	"	"		"			
5	3	4	W	S by E		4 3 W			8 Weather moderating let
6	3	4	"	"		"			fore topsails
7	5		S by E	North		4 0 W			
8	5		"	"		"	30.20	62	Noon. Moderate wind & fine.
9	7		"	"		"			Set topgallantsails & fore & aft
10	7		"	"		"			staysails
11	8		"	"		"			
12	8.		"	"		"			
1	4		S	S by E		4 0 W			4 PM Moderate breeze & fine
2	4		"	"		"			
3	4		"	"		"			
4	4		"	"		"			
5	4		"	"		"			8 do do do
6	4		"	"		"			
7	4		"	"		"			
8	4		"	"		"			
9	5		"	"		"	30.36	62	Midnight do do.
10	5		"	"		"			
11	4		"	"		"			Crew employed as yesterday
12	4								

Course S by W 7 W Dist 147 Miles — Distance per Log — Variation 23 W

COURSE S by E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 116		Acct 35 47 S		Acct 38 03 W	6 a.m. 3	Pumps light Lookout
Departure 134 E		Obs 35 40 S		Chron 37 54 W	Noon	steering attended
	50 W		164 E	Lunars	6 p.m. 3	
					Midnt.	100 C

ON THE LOOK OUT.				MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to	8	Butcher	From Sunset	to Sunrise
...	8	...	10	Walker	...	...
...	10	...	12	Deane	...	...
...	12	...	2	Clifford	...	...
...	2	...	4	Walker	...	...
...	4	...	6	Golding	...	...
...		...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 19th of Feb 1890
1	2	4	SE	NE by E		4°0 W			4 AM Light breeze & fine
2	2	4	"	"		"			
3	2		"	"		"			5 Sailed ships to the northward
4	2								
5	1	4	SE by S	E by E		3°0 W			8° Light airs & calms with fine
6	1	4				"			clear wr.
7	1	4	2 Points W	S by E		1°0 W			
8	1	4	"	"		"			
9		4	NE by E	E by E		3°0 W	30.2	64	Noon Light airs & fine
10		4	"	"		"			Barque in company going as
11		4	"	"		"			per log.
12		4	"	"		"			All plain sail set.
1	1	4	E by S	E by S		4°0 W			4 PM Light airs & fine
2	1	4	"	"		"			
3	2	3	"	"		"			
4	2	3							
5	1	4	East	E by E		4°0 W			8° Do Do
6	1	4	"	"		"			
7	1	4	E by S	E by S		4°0 W			
8	1	4	"	"		"			
9	2	4	"	"		"	30.2	66	Midnight Do Do
10	2	4	"	"		"			
11	3	4	East	"		1°0 W			Crew variously employed
12	3	4							

Course Obs. SE by E Dist. 96 miles — Distance per Log — Variation 24° W

COURSE SE by E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 96		Acct. 35° - 38' S		Acct. 37° - 43' W	6 a.m. 3	Pumps lights lookout
Departure 71 E	21	Obs. 35° - 38' S	4°4 E	Chron. 36° - 04' W	Noon 3	sticky attended
				Lunars	6 p.m.	
					Midnt.	100 ℔

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Wallis	From Sunset	to Sunrise
8	10		Harland		
10	12		Butcher		
12	2		Deane		
2	4		Golding		
4	6		Clifford		

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 20th of Feb 1890
1	4	4	East	ESE		4°0 W			4 AM Increasing breeze & fine
2	4	4	"	"		"			
3	4	4	"	"		"			
4	4	4	"	"		"			
5	4	4	"	"		"			8° Do Do
6	4	4	"	"		"			
7	5		"	"		"			
8	5		"	"		"			
9	6	4	"	"		"	30.2	68	Midnight Do Do
10	5	4	"	"		"			
11	6	4	"	"		"			All plain sail set
12	6	4	"	"		"			
1	7	4	"	West		4°0 W			4 PM Light breeze & fine
2	7	4	"	"		"			
3	7	4	"	"		"			
4	7	4	"	"		"			8° Wind freshening & more east
5	7	4	"	"		"			
6	7	4	"	"		"			
7	8		"	"		"			
8	8		"	"		"	30.2	66	Midnight Wind light & variable
9	9		"	"		"			with lightning to the NW Handed
10	9		"	"		"			two boats all hands & part
11	9		"	"		"			Mainsail
12	9		"	"		"			Crew employed as yesterday

Course Obs. W by N Dist. 94 miles — Distance per Log — Variation 24° W

COURSE W by N	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 88		Acct. 36° 14' S		Acct. 34° 47' W	6 a.m. 2	Pumps lights forecastle
Departure 82 W	62	Obs. 36° 14' S	5°8 W	Chron. 34° 49' W	Noon 2	sticky attended
				Lunars	6 p.m.	
					Midnt.	100 ℔

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Walters	From Sunset	to Sunrise
8	10		Wallis		
10	12		Deane		
12	2		Edwards		
2	4		Harland		
4	6		Golding		

LOG of the "Eulerpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 16th of Feb. 1890.
1	8		East	West		4 pts W			4 AM Wind fairly suddenly
2	8		"	"		"			to SW. with high swell causing
3	6	4	"	"		"			ship to roll heavily
4	6	4	"	"		"			
5	6		"	SW		"			
6	6		"	"		"			8" decreasing breeze & cloudy-
7	6		"	"		"			
8	6		"	"		"			
9	6		"	"		"			
10	6		"	"		"	30.2	62.	Noon moderate wind & fine
11	6		"	"		"			
12	6		"	"		"			All plain sail set.
1	4		"	"		"			0-30 Lighted stars placed
2	10		E by S	"		5 pts W			bearing ESE. ships head E by S
3	6	4	"	"		"			
4	6	4	"	"		"			8" Moderate wind & fine
5	5		E by N	"		4 pts W			Stars bore Wly. ships head E by S
6	5		"	"		"			
7	5		East	"		4 pts W			10-10 Stars bore SW. ships heads
8	5		"	"		"			East
9	3	4	E by S	"		5 pts W	30.2	62.	Midnight Moderate breeze &
10	3	4	"	"		"			cloudy wth.
11	3	4	"	"		"			
12	3	4	"	"		"			Crew variously employed

Course 6 46 E Dist. 174 miles — Distance per Log — Variation 9 pts W

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
COURSE E 46 S		Acct. 38 - 49 S		Acct. 32 - 16 W	6 a.m. 2	Pumps lights forbid
DISTANCE 174		Obs. 38 - 49 S		Chron. 32 - 24 W	Noon ...	ship'd attended
Departure 121 E	125 S		126 W	Lunars	6 p.m. 2	
					Midnt.	100 ℔

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
6	8	Wake	Sunset	Sunrise
8	10	Edwards		
10	12	Holland		
12	2	Teague		
2	4	Golding		
4	6	Butcher		

LOG of the "Eulerpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 22nd of Feb. 1890.
1	4		E by S	ENE		5 pts W			4 AM Light variable winds
2	4		"	"		"			& cloudy.
3	4		"	"		"			
4	4		"	"		"			
5	3		"	"		"			8" " "
6	3		"	"		"			
7	2		E by S	"		5 pts W			
8	2		"	"		"			
9	1		E by S	"		5 pts W	30.2	64.	Noon Light airs & calms
10	1		"	"		"			with fine wt.
11	1		"	"		"			
12	1		"	"		"			All plain sail set.
1	2		"	"		"			4 PM Light variable airs &
2	2		"	"		"			overcast wt.
3	2		"	"		"			
4	2		"	"		"			
5	1	4	E by S	"		5 pts W			
6	1	4	"	"		"			8" " "
7	1	4	"	"		"			
8	1	4	"	"		"			
9	1	4	E by N	"		4 pts W			
10	1	4	"	"		"	30.2	61.	Midnight " "
11	2		"	"		"			Crew employed as yesterday
12	2		"	"		"			

Course E by N 4 E Dist. 162 miles — Distance per Log — Variation 2 pts W

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
COURSE E 46 S		Acct. 39 - 58 S		Acct. 31 - 07 W	6 a.m. 2	Pumps lights forbid
DISTANCE 95		Obs. 39 - 55 S		Chron. 30 - 44 W	Noon ...	ship'd attended
Departure 68 E	69 S		84 W	Lunars	6 p.m. 2	
					Midnt.	100 ℔

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
6	8	Haviland	Sunset	Sunrise
8	10	Wake		
10	12	Teague		
12	2	Butcher		
2	4	Clifford		
4	6	Golding		
Current set ships East 16 Miles last 24 hours.				

LOG of the "Euterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sun day, the 23rd of Feb. 1890
1	3		E½S	var		5½			4 AM Light airs & fine
2	3		"	"		"			
3	3		"	"		"			
4	2		"	"		"			8 Wore ship to the Nd
5	4	4	SE by E	"		4 2 E			Moderate muchaady winds with
6	4	4	"	"		"			light showers of rain
7	5		S ½ E	"		4 0 E			
8	5		"	"		"			
9	3		NW by W	"		8 2 W	30.6	60	Noon Light airs & fine
10	3		"	"		"			
11	3		NW by N	"		1 W			All plain sail set
12	2		NNW	"		1 W			
1	3	4	NW by W	"		0 W			4 PM Light airs & fine
2	3	4	"	"		"			
3	3	4	NW by N	"		2 W			
4	3	4	"	"		"			
5	3	4	NW	"		2 W			8 Do Do
6	3	4	"	"		"			
7	4		NNE	"		3 E			
8	4		"	"		"			
9	4		SSE	"		11 E	30.8	59	Midnight Increasing breeze
10	4		SE by S	"		10 E			& cloudy.
11	4		SE by S ½ S	"		4 E			
12	4								Hove to done being Sunday

Distance per Log — Variation 2 W

Course SE ½ E — Diff. Lat. — LATITUDE — Diff. Long. — LONGITUDE — Inches in the Wells — Bearing and Distance at Noon.

Distance 46 — Acct. 40-20 N — Acct. 29-53 W — 8 a.m. 2 ½ — Pumps lights lookout

Departure 38 E — Obs. 40-23 N — Chron. 29-27 W — Noon 2 ½ — sheet ship attended

2 S — 25 Z — 50 E — Lunars — 6 p.m. 2 ½ — to &c

Midnt.

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
6	8	Walley	Sunset	Sunrise
8	10	Butcher		
10	12	Clifford		
12	2	Edgar		
2	4	Golding		
4	6	Walker		

Current set ship 28 miles East Last 24 hours

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Mon day, the 24th of Feb. 1890
1	5	4	NbyE	EbyS		3 W			4 AM Fresh winds & overcast
2	5	4	"	"		"			Lee Handed Royals & Main
3	5	4	"	"		"			Topgallant Staysail
4	5	4	"	"		"			
5	4		"	"		"			
6	4		"	"		"			8 Do Do
7	4		NbyE	ESE		2 W			
8	4		"	"		"			
9	4		NbyW ½ W	East		2 W	30.4	68	Noon Moderate breeze
10	4		"	"		"			& fine
11	4	4	"	"		"			
12	4	4	"	"		"			All necessary sail set
1	4	4	NbyE	var		2 W			4 PM Fresh breeze & squally
2	4	4	NNE	"		2 W			Lee'd. Topgallantsails
3	4	4	NbyW	"		3 W			
4	4	4	"	"		"			8 Moderate muchaady winds
5	3		ENE	"					& squally at intervals set Main
6	2		"	"		4 W			Topgallantsail
7	4		NNW	"	11	3 W			
8	4		"	"	"	"			
9	4	4	N	"	"	3 W	30.0	68	Midnight Moderate winds &
10	4	4	"	"	"	"			fine & dark
11	4		NbyW	"	"	3 W			
12	4		"	"	"	"			Crew employed cleaning decks

Distance per Log — Variation

Course NbyW — Diff. Lat. — LATITUDE — Diff. Long. — LONGITUDE — Inches in the Wells — Bearing and Distance at Noon.

Distance 98 — Acct. 42 0 N — Acct. 29 0 W — 6 a.m. 2 — Pumps lights lookout

Departure 18 E — Obs. 42 03 N — Chron. — Noon — 6 p.m. 2 — sheet ship attended

9 Z — 2 E — Lunars — Midnt. — to &c

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
Noon	8	Clifford	Sunset	Sunrise
8	10	Tobyn		
10	12	Golding		
12	2	Walters		
2	4	Edwards		
4	6	Waller		

LOG of the "Enterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tues day, the 25th of Feb 1890.
1	3	4	NbEbE½E	Var	12	2°5E			4 AM Moderate winds & puffy at
2	3	4	"	"	"	"			intervals
3	4		NbE	"	—	2°8E			
4	4		"	"	—	"			
5	4	4	NbEE	"	11	"			8 Do Wind & wr set Fore &
6	4	4	"	"	"	"			Mizen Topgallantsails
7	4	4	NbEbE	"	"	3°3E			
8	4	4	"	"	"	"			
9	4	4	NbEbE	"	—	4°3E			
10	4	4	"	"	—	"	29.92	58	Noon Moderate breeze & fine
11	4	4	ESE	SbE	—	4°3E			
12	4	4	"	"	—	"			All prudent sail set.
1	4	4	EbS	SbE	23	4°1E			4 PM Moderate breeze & overcast
2	4	4	"	"	"	"			
3	4	4	"	"	"	"			
4	4	4	"	"	"	"			8 Wind increasing & squally
5	5		"	"	"	"			with light rain Hove To causing
6	4		ESE	SE		4°3E			ship to pitch & labour heavily
7	4	4	East	SbE	34	4°1E			set ships under Lower topsails
8	4	4	"	"	"	"			& foresail
9	5		NbEbE	SbE	11	3°9E			
10	5		"	"	"	"	29.92	58	Midnight Hove to with
11	2	4	"	"	"	"			strong squalls
12	2	4	"	"	"	"			Rec. cleaning decks.

Distance per Log — Variation 3°W

COURSE NbE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 94		Acct. 43-39N		Acct. 28-57W	6 a.m. 1½	Pumps lights lookout
Departure 46	94N	Obs. 43-59N	5E	Chron. 29-33W	Noon	strictly attended
				Lunars	6 p.m. 1½	to.
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Deane	From Sunset	to Sunrise
... 8	... 10		Walkus	...	...
... 10	... 12		Edwards	...	...
... 12	... 2		Golding	...	...
... 2	... 4		Lucy	...	...
... 4	... 6		Holland	...	...
...	...			...	...
...	...			...	...

LOG of the "Enterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 26th of Feb 1890.
1	3		East	SbE	34	4°2E			4 AM Fresh gale with hard
2	3		"	"	"	"			squalls & high sea. ship while
3	3		"	"	"	"			laboring heavily & shipping
4	3		"	"	"	"			large bodies water.
5	3		"	"	"	"			
6	3		"	"	"	"			8 Do Do.
7	3		"	"	"	"			
8	3		"	"	"	"			
9	3		"	"	"	"			
10	3		"	"	"	"	30.08	58	Noon Do Do.
11	3		"	"	"	"			
12	3		"	"	"	"			Strike mizen boom topsails
1	1	4	ESE	South	"	4°5E			4 PM Fresh gale & squally
2	1	4	"	"	"	"			with high sea. ship while
3	1	4	"	"	"	"			pitching & labouring heavily
4	1	4							
5	1	4	East	SbE	"	4°3E			
6	1	4	"	"	"	"			8 Do Do.
7	1	4	ESE	South	"	4°5E			
8	1	4	"	"	"	"			
9	2		"	"	"	"	30.08	58	Midnight Do Do.
10	2		"	"	"	"			
11	2		"	"	"	"			Crew standing by
12	2		"	"	"	"			

Course 10s 7°8E Dist 91 Miles — Distance per Log — Variation 3°W

COURSE SbE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 88		Acct. 45-25S		Acct. 29-07W	6 a.m. 1½	Pumps lights lookout
Departure 18E	86S	Obs. 46-29S	25E	Chron. 29-42W	Noon	strictly attended
				Lunars	6 p.m. 1½	to.
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Edwards	From Sunset	to Sunrise
... 8	... 10		Deane	...	...
... 10	... 12		Golding	...	...
... 12	... 2		Hailey	...	...
... 2	... 4		Butcher	...	...
... 4	... 6		Lucy	...	...
...	...			...	...
...	...			...	...

LOG of the "Eulerpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thurs day, the 27th of Feb 1890
1	2		E by S½S	SbW	3½	4°W			4 AM Gale Moderating & overcast
2	2		"	"	"	"			
3	2		"	"	"	"			
4	2		"	"	"	"			8" do Wind & Wk
5	2		"	"	"	"			Set reefed topsails & Mainsail
6	2		"	"	"	"			
7	3	4	"	"	"	"			
8	3	4	"	"	"	"			
9	4		"	"	"	"	30.28	58	Noon do do.
10	4		"	"	"	"			
11	3	4	"	"	"	"			All prudent rail set.
12	3	4	"	"	"	"			
1	4	4	E½S	SbW	3½	5°W			4 PM Increasing breeze & overcast
2	4	4	"	"	"	"			
3	4	4	"	"	"	"			
4	4	4	"	"	"	"			
5	3	4	"	"	"	"			8" Moderate wind & pusshy
6	3	4	"	"	"	"			
7	4		East	"	11	5°W			
8	4		"	"	"	"			
9	4		E½S	"	21	5°W	30.10	56	Midnight do do.
10	4		"	"	"	"			
11	4		"	"	"	"			Crew employed cleaning fore Castle head.
12	4		"	"	"	"			
	Course		NE ½ N		Dist.	89 Miles			Distance per Log — Variation 3½ W

COURSE	NE ½ E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	54		Acct. 46 19N		Acct. 28 43W	6 a.m. 1 ½	Pumps lifts, looking
Departure	22E		Obs. 46 46N		Chron. 28 09W	Noon	strictly attended
		50N		31E	Lunars	6 p.m. 1 ½	to.
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Welby	From Sunset	to Sunrise
8	10		Harland		
10	12		Butcher		
12	2		Golding		
2	4		Lucyan		
4	6		Clifford		

LOG of the "Eulerpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thur day, the 28th of Feb 1890
1	4	4	East	SbE	11	5°W			4 AM Moderate breeze & passy
2	4	4	"	"	"	"			
3	4		"	"	"	"			
4	4		"	"	"	"			8" do do
5	2		E by S	South	2E	"			
6	2		"	"	"	"			
7	3		"	"	"	"			
8	3		"	"	"	"			
9	4		"	"	"	"	30.12	64	Noon do do.
10	4		E by S	SSE	—	5°W			
11	5	4	"	"	—	"			All plain rail set.
12	5	4	"	"	—	"			
1	3	4	E by S	South		5°W			4 PM Light breeze & overcast
2	3	4	"	"		"			Spoke the Bayne Talavera
3	3	4	"	"		"			from Jamaica to Hamburg
4	3	4	"	"		"			
5	5		E½S	SbS		5°W			8" do do
6	5		"	"		"			
7	4		E by S	SSE		5°W			
8	4		"	"		"			
9	2	4	East	SbE		5°W	30.26	54	Midnight do do.
10	2	4	"	"		"			
11	1		E½E	SbS		5°W			
12	1		"	"		"			Crew variously employed
									Distance per Log — Variation 3°

COURSE	E ½ N	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	95		Acct. 48 13N		Acct. 27 15W	6 a.m. 1 ½	Pumps lifts, looking
Departure	37E		Obs. 48 17N		Chron.	Noon	strictly attended
		9°N		5°E	Lunars	6 p.m. 1 —	to.
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Butcher	From Sunset	to Sunrise
8	10		Deane		
10	12		Golding		
12	2		Clifford		
2	4		Walkus		
4	6		Lucyan		

LOG of the "Euterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 1st of March 1890
1	2		SE by E	SSW		6° 2'W			4 A.M. Light variable airs & calm
2	1		E by S	South		5° W			Two ships to the southward.
3	1	4	ESE	E by S		5° W			
4	1	4	"	"		"			
5	1	4	SE by E	East		4° W			8° Sick. ship to the eastward.
6	1	4	"	"		"			
7	3		SSE	E by S		1° W			
8	3		"	"		"			
9	1	4	East	SE by E		5° W	30.15	55.	Noon. Light airs & fine
10	1	4	"	"		"			Bayano ship in company.
11	1	4	ESE	E by S		5° W			
12	1	4	"	"		"			All plain sail set
1	2	4	SE by E	E by S		3° W			4 P.M. Light airs & calms with
2	2	4	"	"		"			fine W.B.
3	3		"	"		"			
4	3		"	"		"			
5	3		"	"		"			8° do do.
6	3		"	"		"			
7	3		SE by E	E by S		4° W			
8	3		"	"		"			
9	3	4	SE	ESE		5° W	30.13	56.	Midnight Moderate breeze
10	3	4	"	"		"			& cloudy
11	4	4	"	"		"			
12	4	4	"	"		"			Crew employed as yesterday

Course W 3/4 S Dist. 84 Miles — Distance per Log — Variation 4° W

COURSE	W 3/4 S	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	57		Acct. 49 00 N		Acct. 36 13 W	6 a.m. 3	Pumps lights forward
Departure	32 W		Obs. 49 19 N		Chron. 36 24 W	Noon	sheathing attended
		40 N		49 W	Lunars	6 p.m. 3	to.
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Deane	From Sunset	to Sunrise
... 8	... 10		Clifford	...	...
... 10	... 12		Walters	...	...
... 12	... 2		Golding	...	...
... 2	... 4		Lugard	...	...
... 4	... 6		Edwards.	...	...
...	...			...	...

LOG of the "Euterpe" from Iquique towards Falmouth

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 2nd of March 1890
1	6		SE.	ESE		5° W			4 A.M. Moderate breeze & squally
2	6		SE by S	E by S		5° W			
3	4		"	"		"			
4	4		"	"		"			
5	4		SE.	ESE		5° W			8° Moderate wind & fine
6	4		"	"		"			
7	3	4	SE by S	E by S		5° W			
8	3	4	"	"		"			
9	4	4	SE by S	ESE		3° W	30.13	56.	Noon. Unsteady winds & fine
10	4	4	"	"		"			
11	5	4	"	"		"			
12	5	4	"	"		"			
1	3		SE by S	East		3° W			4 P.M. Light breeze & fine
2	3		"	"		"			
3	3	4	"	"		"			
4	3	4	"	"		"			
5	1		"	"		"			8° Increasing breeze showery
6	1		"	"		"			
7	5	4	"	"		"			
8	5	4	"	"		"			
9	5	4	"	"		"	30.16	54.	Midnight Moderate wind
10	5	4	"	"		"			& fine
11	5		"	"		"			
12	6		"	"		"			No work done being Sunday

Course W by S 1/4 S Dist. 94 Miles — Distance per Log — Variation 4° W

COURSE	S by W	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	84		Acct. 48 50 S		Acct. 36 20 W	6 a.m. 2 3	Pumps lights forward
Departure	8 W		Obs. 48 45 S		Chron. 36 30 W	Noon	sheathing attended
		19 S		1 W	Lunars	6 p.m. 2 3	to.
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Walters	From Sunset	to Sunrise
... 8	... 10		Deane	...	...
... 10	... 12		Golding	...	...
... 12	... 2		Edwards	...	...
... 2	... 4		Harland	...	...
... 4	... 6		Lugard.	...	...
...	...			...	...

LOG of the *Enterprise* from *Iquique* towards *Falmouth*

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Upon day, the 3d of March 1890.
1	4		SW½S	E½S		3¼E			4 AM. Moderate wind & puffy
2	4		"	"		"			
3	4		"	"		"			
4	4		"	"		"			
5	5		"	"		"			8" Do Do.
6	5		"	"		"			Barque Inheritance [illegible] in sight
7	5	4	"	"		"			again
8	5	4	"	"		"			
9	5		"	"		"			
10	5		"	"		"	30.50	53	Noon Do Wind & Wet
11	4	4	"	"		"			
12	4	4	"	"		"			All plain sail set
1	3		SW	E½E		3¼E			4 PM Light breeze & squally
2	3		"	"		"			with heavy from SW.
3	3		"	"		"			
4	3		"	"		"			
5	3	4	"	"		"			
6	3	4	"	"		"			8" Do Do Do
7	3	4	"	"		"			
8	3	4	"	"		"			
9	3		"	"		"			
10	3		"	"		"	30.62	54	Midnight Do Do.
11	3		"	"		"			
12	3		"	"		"			
	Course		SW½S	10th	113	Miles			Distance per Log

Variation 3¼E

COURSE SW½S	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 114		Acct. 44° 25'		Acct. 22° 22'	a.m. 2	Pumps lights looked
Departure 22E	20'	Obs. 44° 24'	12.26	Chron. 23° 30'	Noon	Chiefly attended
				Lunars	6 p.m. 2	to
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Goldie	From Sunset	to Sunrise
... 8	... 10		Rodrigales	...	...
... 10	... 12		Harland	...	...
... 12	... 2		Lyngar	...	...
... 2	... 4		Pilony	...	...
... 4	... 6		Butcher	...	...
...	...			...	...

LOG of the *Enterprise* from *Iquique* towards *Falmouth*

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tues day, the 4th of March 1890.
1	3	4	SSE	E½S		3¼E			4 AM. Increasing breeze & overcast WSW
2	3	4	"	"		"			
3	3	4	"	"		"			
4	3	4	"	"		"			
5	3	4	"	"		"			8" Moderate breeze with
6	3	4	"	"		"			heavy swell from SW
7	4		"	"		"			
8	4		"	"		"			
9	4		"	"		"			
10	4		"	"		"	30.60	56	Noon Do Do
11	4		"	"		"			
12	4		"	"		"			
1	4		SW	SW½S		4¼E			4 PM Moderate breeze &
2	4		"	"		"			Squally
3	4		"	"		"			
4	4		"	"		"			
5	4		SW½S	SW		5¼E			8" Do Do
6	4								
7	4		SSW	SW½S		5¼E			
8	4		"	"		"			
9	4		SW½S	SW		5¼E	30.66	56	Midnight Do
10	4		"	"		"			Spilmaker on watch
11	4		"	"		"			Crew variously employed
12	4		"	"		"			
	Course		SSE	10th	83	Miles			Distance per Log

Variation

COURSE SSE	Diff. Lat.	LATITUDE	Diff. Long.	LONGITUDE	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 80		Acct. 46° 12'		Acct. 20° 45'	a.m. 2	Pumps lights
Departure 18E	4.20	Obs. 46° 40'	10.2	Chron. 20° 41'	Noon	Log & Lead attended
				Lunars	6 p.m. 2	attended too.
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Harland	From Sunset	to Sunrise
... 8	... 10		Golding	...	...
... 10	... 12		Lyngaly	...	...
... 12	... 2		Butcher	...	...
... 2	... 4		Gifford	...	...
... 4	... 6		Wilson	...	...
...	...			...	...

LOG of the "Eulerpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 5th of March 1890.
1	3	4	S.S.E.	N.W.		5°W			4 A.M. Wind freshening & Mod.
2	3	4	"	"		"			sea.
3	6	4	"	"		"			
4	6	4	"	"		"			
5	4	4	S.½E.	N.W.½W.		4°W			8 " do do.
6	4	4	"	"		"			
7	5		"	"		"			
8	5		"	"		"			
9	5		S.E.	N.W.		4°W	30.50	54	Noon. Moderate wind & cloudy
10	5		"	"		"			
11	4		"	"		"			All plain sail set.
12	4		"	"		"			
1	4	4	[illegible]	N.W.		4°W			4 P.M. Wind freshening & pulled
2	4	4	"	"		"			
3	5		S.E.	"		4°W			
4	5		"	"		"			8 " do do.
5	4	4	S.½E.	N.W.½W.	4	4°W			
6	4	4	"	"		"			
7	5	4	"	"		"			
8	6	4	"	"		"	30.48	54	Midnight Increasing breeze &
9	5	4	"	"		"			cloudy with showers of rain
10	5	4	"	"		"			Handed Royals.
11	4		"	"		"			
12	4		"	"		"			Crew variously employed.

Distance per Log — Variation 28°W

COURSE	S.½E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	123		Acct. 19° 07' S.		Acct. 18° 14' W.	6 a.m. 2	Pumps lights & boatswain
Departure	100 E.		Obs. 19° 54' S.	114 E.	Chron. 17° 58' W.	Noon	checking attended
		237			Lunars	6 p.m. 2	100 E.
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 6	to 8		Boldrey	From Sunset to Sunrise
... 8	... 10		Butcher	... ...
... 10	... 12		Clifford	... ...
... 12	... 2		Lugard	... ...
... 2	... 4		Paton	... ...
... 4	... 6		Walkus	... ...
...	...			... ...

LOG of the "Eulerpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 6th of March 1890.
1	4	4	S.S.E.	N.W.		4°W			4 A.M. Moderate wind & cloudy
2	4	4	"	"		"			
3	4		S.E.	N.W.		4°W			
4	4		"	"		"			
5	5		"	"		"			8 " do do.
6	6		"	"		"			
7	5		"	"		"			
8	6		"	"		"			
9	4	4	"	"		"	30.40	56	Noon. Light breze & fine clear
10	4	4	"	"		"			sea.
11	3	4	"	"		"			
12	3	4	"	"		"			All plain sail set.
1	3	4	S.S.E.	N.W.		4°W			4 P.M. Light winds & fine
2	3	4	"	"		"			
3	3		S.S.E.	N.W.		4°W			
4	3		"	"		"			
5	4		"	"		"			8 " do do.
6	4		"	"		"			
7	4		S.½E.	N.W.		4			
8	4		"	"		"			
9	4		"	"		"	30.40	56	Midnight Moderate, cape
10	4		"	"		"			& fine
11	4		"	"		"			Saltmakers still burning [illegible]
12	4		"	"		"			Crew variously employed.

Course Obs. to S.½E. 4pts 12½ Miles — Distance per Log — Variation

COURSE	S.½E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	113		Acct. 19° 46' S.		Acct. 15° 42' W.	6 a.m. 2	Pumps lights & boatswain
Departure	112 E.		Obs. 19° 42' S.	16 E.	Chron. 15° 02' W.	Noon	checking attended
		6 S.			Lunars	6 p.m. 2	100 E.
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.
From 6	to 8		Clifford	From Sunset to Sunrise
... 8	... 10		G. Boldrey	... ...
... 10	... 12		Lugard	... ...
... 12	... 2		Walkus	... ...
... 2	... 4		Edwards	... ...
... 4	... 6		Paton	... ...
...	...			... ...

LOG of the "Enterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS.
									Sun day, the 9th of March 1890
1	3		E by S½S	NE by N		4 W			4 PM Light breeze & fine wr
2	3		"	"		"			
3	2	4	"	"		"			
4	2	4	"	"		"			
5	2	4	"	"		"			8 do do
6	2	4	"	"		"			
7	2		"	"		"			
8	2		"	"		"			
9	2		"	"		"	30.28	.86	Noon do do.
10	2		"	"		"			
11	2	4	"	"		"			
12	2	4	"	"		"			All plain sail set
1	4		E by S½S	West		5 W			4 PM Wind freshening & overcast wr
2	4		"	"		"			
3	6		"	"		"			
4	5		"	"		"			
5	6		"	"		"			8 do do
6	6		"	"		"			
7	6		"	"		"			
8	6		"	"		"			
9	6		"	"		"	30.14	.54	Midnight Moderate wind & showery
10	6		"	"		"			
11	6		"	"		"			
12	6		"	"		"			

Course Nbe b E ½E Dist 88 Miles — Distance per Log — Variation 25 W

COURSE	Nbe b E ½E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	94		Acct 49 - 15 N		Acct 13 - 26 W	6 a.m. 3	Pumps lights looks
Departure	66 E		Obs. 49 - 08 N		Chron. 12 - 58 W	Noon	strictly attended
		337		968	Lunars	6 p.m. 3	too
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Golding	From Sunset	to Sunrise
...	8	... 10	Walker	...	...
...	10	... 12	Edwards	...	...
...	12	... 2	Lucas	...	...
...	2	... 4	Patow	...	...
...	4	... 6.	Eastland	...	...
...		...		...	...

Current set ships 28 Miles East last 24 hours

LOG of the "Enterpe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS.
									Sunday, the 9th of March 1890
1	6	4	E by S½S	West		5 W			4 AM Increasing breeze &
2	6	4	"	"		"			fine
3	4		"	"		"			
4	4		"	"		"			
5	6		"	"		"			8 do Fresh wind with passing
6	6		"	"		"			clouds
7	4		"	"		"			
8	5		E by S	W by S		1 W			
9	4		"	"		"	29.88	.62	Noon do do.
10	4		"	"		"			
11	4		"	"		"			
12	4		"	"		"			All plain sail set
1	8	4	"	"		4 W			4 PM Fresh gale & overcast wr
2	8	4	"	"		"			
3	8	4	"	"		"			4 guarded Royals low & Royals
4	8	4	"	"		"			Topgallantsails Cross jack unbent
5	8		"	"		"			Mainsail & trysail
6	8		"	"		"			8 do do Wind & wr
7	8		"	"		"			
8	8		"	"		"			
9	8		"	"		"	29.96	.60	Midnight Wind Moderating
10	8		"	"		"			Sunset All fine & Mizzen topgallant
11	8		"	"		"			sails
12	8		"	"		"			Crew employed putting anchor over

Course Nbe b E ½E Dist 1014 Miles — Distance per Log — Variation 25 W

COURSE	Nbe b E ½E	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	114		Acct 48 - 34 N		Acct 9 - 50 W	6 a.m. 3	Pumps lights looked
Departure	122 E		Obs. 48 - 34 N		Chron. 9 - 58 W	Noon	strictly attended
		82 S		183 E	Lunars	6 p.m. 3	to
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Edwards	From Sunset	to Sunrise
...	8	... 10	Golding	...	...
...	10	... 12	Lucas	...	...
...	12	... 2	Eastland	...	...
...	2	... 4	Butcher	...	...
...	4	... 6.	Patow	...	...
...		...		...	...

LOG of the "Eutaipe" from Iquique towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 9th of March 1890.
1	4		ESE	Nbd		45W			4 PM Increasing breeze & fine
2	4		"	"		"			Several vessels in company going
3	4		"	"		"			as per log.
4	4		"	"		"			
5	6	4	"	"		"			
6	6	4	"	"		"			8 do do
7	6	4	"	"		"			
8	6	4	"	"		"			
9	6	4	"	North		"	30.22	48	Noon Moderate breeze & fine
10	6	4	"	"		"			
11	4		"	"		"			Hd plain sail set
12	4		"	"		"			
1	4		"	"		45W			4 PM Abeast of Lizards Point
2	4		"	"		"			Cleared Compass Wbn Dists 4 h
3	4		"	"		"			4 30 Pilot came on board.
4	4		"	"		"			Took charge.
5									
6									6 30 Lizard Light of Falmouth
7									took bearings
8	Working up Channel								8 Brought ship to an anchor
9									in outer roads in 6 fathoms
10									with 45 fathoms on Starboard
11	8 PM St Anthonys light		bearing	SE by E.					anchor furled sails & set anch
12	Unshipped								watch consisting of one officer &
	Course	Pts	To	E	Dist	166 Miles			two Distance per Log Variation 33 W

COURSE	6 50 W	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	179		Acct. 50 – 06 N		Acct. 6 – 10 W	6 a.m. 3	Pumps light both
Departure	148 W		Obs. 49 – 45	2 26 W	Chron. 6 – 16	Noon ...	Oil Bottles attended
		102 S			Lunars	6 p.m. 3	100
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Goldie	From Sunset	to Sunrise
... 8	... 10		Haldyd	...	...
... 10	... 12		Burke	...	...
... 12	... 2		Lugan	...	...
... 2	... 4		Paton	...	...
... 4	... 6		Clifford	...	...
...	...			...	...

LOG of the "Eutaipe" from Lying at towards Falmouth.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Monday, the 10th of March 1890.
1									Begins with fresh breeze from
2									SW with misty wet
3									
4									
5									
6									
7									
8									
9									Noon Got orders to proceed to
10									Hamburg.
11									
12									
1									8 PM Mr Lash Pilot came
2									on board. Fine wb moderate
3									breeze & proceeded to sea
4									& Mr Lash & Mr Jordan
5									Channel Pilot took charge
6							8 PM		St Anthonys light bearing
7									8 seemed abeam & shaped
8									& set watch
9	3	4	SSW	West		40W			10 30 Sighted the Eddystone
10	3	4	"	"		"			
11	4	4	"	"		"	30.32	52	Midnight Moderate breeze
12	4	4	"	"		"			overcast wb Eddystone
									Distance per Log Variation E 1/2 S the Head

COURSE		Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE			Acct.		Acct.	6 a.m. 3	Pumps light both
Departure			Obs.		Chron.	Noon ...	Oil Bottles attended
					Lunars	6 p.m. 3	100
						Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 6	to 8		Walkes	From Sunset	to Sunrise
... 8	... 10		Golden	...	...
... 10	... 12		Lugan	...	...
... 12	... 2		Edwards	...	...
... 2	... 4		Harland	...	...
... 4	... 6		Paton	...	...
...	...			...	...

LOG of the "Europe" from Falmouth towards Hamburg

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tuesday, the 11th of March 1890.
1	5		E.	West		4 3/4 E			2-30 Alt. Eddystone bore. E 3/4 N.
2	5		"	"		"			Start Point E. by S. 3/4 S.
3	5		"	"		"			
4	5		"	"		"			
5	5		E. by S. 1/2 S.	"		4 E			4 Alt. Eddystone abeam
6	5		"	"		"			bearing N. by W. Ships head
7	5	4	E. by N.	"		4 3/4 E			E. by S.
8	5	4	"	"		"			Moderate breeze & fine
9	4	4	E. by S. 1/2 S.	"		4 E			8 " Do " Do.
10	4	4	"	"		"	30.38	52	Noon. Do Wind & overcast
11	4		E. by S.	N.W.		4 3/4 E			Portland bills bore W. by S. 1/2 S.
12	4		"	"		"			
1									4 P.M. Moderate breeze & overcast w.b.
2			"	"		4 3/4 E			5-40 Portland bills E. by S. 1/2 S. Shambles
3			"	"		"			E. by S. ships head S. by E.
4	5		"	"		"			6-30 Shambles abeam bearing N. by W.
5	4		"	"		"			Dist. 4 Miles Ships head S. by E.
6	4		"	"		"			7-30 sighted Anvils point bearing S.
7	4	4	"	"		"			Ships head S. by E.
8	4	4	"	"		"			9-30 St. Catherines bore W. by N. abeam
9	4		"	"		"			S. by E. Anvils Point bore W. by S. Ships head
10			"	"		"			S. by E.
11	3	4	S. by E.			4 3/4 E	29.40	51	Midnight. Needles bore N. by E. St Catherines
12	3	4	S. by E.			4 3/4 E			E. by S. Ships Head S.
									Moderate breeze & overcast w.b.

Distance per Log — Variation

COURSE	2 Points E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	44		Acct. 50-18 N.		Acct. 3 W. 07 W.	6 a.m. 5	Pinnys light S. by W.
Departure	40 E.	16 S.	Obs.	114 E.	Chron.	Noon	1/2 a mile.
					Lunars	6 p.m. 5	Ships head
						Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
6	8	Paton	Sunset	Sunrise
8	10	Clifford		
10	12	Walley		
12	2	Brake		
2	4	Walker		
4	6	Harland		

LOG of the "Europe" from Falmouth towards Hamburgh

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Wednesday, the 12th of March 1890.
1	4		E. by S.	W.S.W.		4 3/4 E			1-45 A.M. Abreast St Catherines bearing
2	4		"	"		"			E. by N. Needles light bearing W. by S.
3	4	4	"	"		"			Ships head S.E.
4	4	4	"	"		"			4 Do bearing Do & overcast
5	4	4	"	"		"			
6	4	4	"	"		"			
7	3	4	"	"		"			8 " Do " Do.
8	3	4	"	"		"			11 Abreast Dover light ships bearing
9	3	4	"	"		"			N.E. by E. Ships head E. by S. dist. 4 Miles
10	3	4	"	"		"			
11	2	4	E. by S. 1/2 S.	"		4 3/4 E	30.14	51	Noon. Light breeze & fine
12	2	4	"	"		"			Abreast Calais pier pt.
1	4	4	E.	"		4 E			4 P.M. Moderate breeze & cloudy
2	4	4	"	"		"			w.b.
3	4	4	"	"		"			
4	4	4	"	"		"			8 " Do " Do.
5	4	4	"	"		"			
6	4	4	"	"		"			
7	3	4	"	"		"			
8	3	4	"	"		"	30.32	52	Midnight. Light ahs overcast
9	1	4	"	"		"			Abreast of the Royal Sovereign
10	1	4	"	"		"			bearing N.E. dist. 5 Miles Ships head
11	1	4	S. by E.	West		4 E			S.E.
12	1	4	"	"		"			

Distance per Log — Variation

COURSE	E. by S.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE	94		Acct. 50-41 N.		Acct. 2 W. 42 W.	8 a.m. 4	Pinnys light S.
Departure	93 E.	23 S.	Obs. 50-16 N.	114 E.	Chron.	Noon	obscurely abeam
					Lunars	6 p.m. 4	1/2
						Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
6	8	Walkes	Sunset	Sunrise
8	10	Lucyan		
10	12	Paton		
12	2	Edwards		
2	4	Harland		
4	6	Brake		

LOG of the "Europe" from Falmouth towards Hamburgh.

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Thursday, the 13th of March 1890.
1	2		E by S.	West		4 3/4 W			4 A.M. Light airs & variable wr.
2	2		"	"		"			Royal Sovereign bore S.W. by W.
3	2		"	"		"			Dungeness E by S.
4	2		"	"		"			
5	2		E by S.	"		3 3/4 W			8" do do.
6	2		"	"		"			
7	2	4	"	"		"			
8	2	4	"	"		"			
9	2	4	E by S	"		4 1/2 W	29.90	48	Noon. light breeze & cloudy
10	2	4	"	"		"			
11	3		"	"		"			
12	3		"	"		"			
1	3	4	E by S	"		4 W			4 P.M. Shoal of fishing boats
2	3	4	"	"		"			& fine
3	3		"	"		"			
4	4		"	"		4 3/4 W			
5	4		E by S	"		4 1/2 W			8" South Foreland abeam
6	2		"	"		"			W by N. Ships Heads W by S.
7	4		E by S	W		"			
8	4		"	"		"			
9	4		"	"		"	29.84	48	Midnight. light airs & fine
10	3		"	"		"			clear W.S.W.
11	3	4	"	"		"			
12	3	4	"	"		"			Crew variously employed.

Distance per Leg — Variation

COURSE E by S	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 46		Acct. 50 5 N		Acct. 0 00 E	6 a.m. 4	Ramsgate Light House
Departure 24 E		Obs.		Chron.	Noon	SbyE 46 Miles
	14 S		19 E	Lunars	6 p.m. 4	
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Paton	From Sunset	to Sunrise
...	8	... 10	Hailey	...	...
...	10	... 12	Butcher	...	...
...	12	... 2	Brake	...	...
...	2	... 4	Walker	...	...
...	4	... 6	Clifford	...	...
...		...		...	...

LOG of the "Europe" from Falmouth towards Hamburg

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Friday, the 14th of March 1890.
1	5	4	E by S	West		4 3/4 W			4 A.M. Moderate breeze & fine
2	5	4	"	"		"			
3	6		"	"		"			
4	6		"	"		"			
5	2	4	"	"		"			8" do do
6	2	4	"	"		"			
7	2	4	"	"		"			
8	2	4	"	"		"			
9	2	4	"	"		"	29.90	48	Noon. light breeze & clear
10	2	4	"	"		"			
11	3		"	"		"			
12	3		"	"		"			All plain sail set.
1	3		"	"		3 3/4 W			8 P.M. Fifth hand & two men
2	3		E by S	W by S		4 3/4 W			
3	3		"	"		"			
4	3		"	"		"			
5	3		East	South		"			8 do do
6	3		"	"		"			
7	3		E by N	"		5 3/4 W			
8	3		"	"		"			
9	3	4	"	"		"	29.96		Midnight. Moderate breeze
10	3	4	"	"		"			
11	4		"	"		"			
12	4		"	"		"			

Distance per Leg — Variation

COURSE E by S	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distances at Noon.
DISTANCE 80		Acct. 51 39 N		Acct. 2 44 E	6 a.m. 4	Ramsgate Light House
Departure 44 E	65 S	Obs. 52 12 N	94 E	Chron. 3 31 E	Noon	SbyE 46 Miles
				Lunars	6 p.m. 4	
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	6	to 8	Hailey	From Sunset	to Sunrise
...	8	... 10	Paton	...	...
...	10	... 12	Lucas	...	...
...	12	... 2	Butcher	...	...
...	2	... 4	Clifford	...	...
...	4	... 6	Brake	...	...
...		...		...	...

LOG of the "Europe" from Falmouth towards Hamburgh

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Saturday, the 15th of March 1890.
1	4		E½S	South.		3°W			4 AM Moderate wind & fine
2	4		"	"		"			
3	4	4	"	"		"			
4	4	4	"	"		"			
5	4		"	SbE		"			8" Do Do.
6	5		E½S	"		4°W			
7	5		"	"		"			
8	5		"	"		"			
9	4	4	"	"		"	29.86	47	Noon Do Do.
10	4	4	"	"		"			
11	3		"	"		"			
12	4		ESE	"		3°W			4 AM Plain sail set
1	4	4	E½S	ENE		1°E			4 PM Moderate hazy & fine
2	4		"	"		"			
3	5		"	"		"			
4	5		"	"		"			
5	5		"	"		"			8 Becomb Lt Ships bearing N Ships Head N.
6	5		"	"		"			
7	5		ESE	NE		1°W			
8	5		"	"		"			11 15 Becomb Lt. dipped bearing WbN Ships head NbW
9	6		SE½E	NE		1°W			
10	5		"	"		"			
11	5		"	"		"			
12	5		"	"		"	29.80	46	Midnight Fresh hazy & Foggy

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct. 50-13N		Acct. 4-12W	6 a.m. 4	Pumps Lights Looked
Departure	60S	Obs.	114E	Chron.	Noon	after Daily Attended
				Lunars	6 p.m. 4	to
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From		to 8	Lucas	From Sunset	to Sunrise
"	8	" 10	Belcher	"	"
"	10	" 12	Clifford	"	"
"	12	" 2	Dixon	"	"
"	2	" 4	Brake	"	"
"	4	" 6	Walker	"	"
"		"		"	"

LOG of the "Europe" from Falmouth towards Hamburgh

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Sunday, the 16th of March 1890.
1	4		E½S	SE		1°W			4 AM Packed ship to the
2	4		"	"		"			Southward.
3	4	4	"	"		"			Moderate hazy & fine
4	4	4	"	"		"			
5	4	4	ESE½E	"		2°W			6" Packed to the Southward
6	4	4	"	"		"			
7	3	4	E½S	"		1°W			
8	3	4	"	"		"	29.80	46	Noon. Packed ship to the
9	4		ESE	"		1°W			Southward.
10	4		"	"		"			Moderate hazy & fine
11	4		"	"		"			
12	4		"	"		"			AM Plain sail set
1									4 PM Moderate hazy & fine
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE 102		Acct. 54-67N		Acct. 6-42W	6 a.m. 4	Pumps Lights Looked
Departure 87E	52	Obs. 54-13N	147	Chron.	Noon	after Daily Attended
				Lunars	6 p.m. 4	to
					Midnt.	

ON THE LOOK OUT.			MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From 1		to 8	Clifford	From Sunset	to Sunrise
" 8		" 10	Lucas	"	"
" 10		" 12	Dixon	"	"
" 12		" 2	Walker	"	"
" 2		" 4	Edwards	"	"
" 4		" 6	Brake	"	"
"		"		"	"

LOG of the "Europe" from Falmouth towards Hamburgh

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Mon day, the 17th of March 1890.
1	5	30	AM Wesco Lightships bore						E by S. Ships head South.
2			New Light Dyer		bearing				by compass West. Ships Head.
3									
4									
5	10		Sighted the Blue Lightships						bearing NE. Ships head W by
6									
7	11		Sighted Lightship No 2						bearing E by S. Ships Head N.
8									
9									
10									
11	poor		Moderate		breeze & fine				
12									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m. 5	
Departure		Obs.		Chron.	Noon ...	
				Lunars	6 p.m. 8	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the "Europe" from Falmouth towards Hamburg

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. Tues day, the 18th of March 1890
1									
2			Begins with	Light	Northerly				breeze & fine
3			AM Hove up		Starboard				anchor. and proceeded
4			up to Hamburg		we				of the Tugs Cyclop
5			& Cyclop.		proceed.				ship & moored. with two
6			mooring		chains				aft & spare cable forward.
7			cleared		up the				decks. & told the crew that
8			they		were				done. Harbour Pilot came
9			aboard.		Pilot				came & took charge.
10			Calm		&				overcast W.S.
11			Licence		Watchman.				
12									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

Pmd: Hamburg d: 20 March 1890
T. J. Stubbs
1st Regis Mark

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon ...	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT. From	to	MEN'S NAMES.	SIDE LIGHTS HUNG OUT. From	to
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the **from** **towards**

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. day, the of 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									

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT.		MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	to		From	to
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the **from** **towards**

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. day, the of 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									

Distance per Log — Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct.		Acct.	6 a.m.	
Departure		Obs.		Chron.	Noon	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT.		MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	to		From	to
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the **from** **towards**

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. _____day, the _____of _____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									

Distance per Log Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct. _____		Acct. _____	6 a.m.	
Departure		Obs. _____		Chron. _____ Lunars _____	Noon ... 6 p.m. Midnt.	

ON THE LOOK OUT.		MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	to		From	to
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the **from** **towards**

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. _____day, the _____of _____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									

Distance per Log Variation

.....	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
E		Acct. _____		Acct. _____	6 a.m.	
.....		Obs. _____		Chron. _____ Lunars _____	Noon ... 6 p.m. Midnt.	

ON THE LOOK OUT.		MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
	to		From	to
	...		...	...
	...		...	...
	...		...	...
	...		...	...
	...		...	...
	...		...	...
	...		...	...

LOG of the **from** **towards**

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. _____day, the_____of_____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									

Distance per Log Variation

COURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
DISTANCE		Acct. _____		Acct. _____	6 a.m. ...	
Departure		Obs. _____		Chron. _____	Noon ...	
				Lunars _____	6 p.m. ...	
					Midnt. ...	

ON THE LOOK OUT.		MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
From	to		From	to
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...
...	...		...	...

LOG of the **from** **towards**

HRS.	K.	F.	COURSES.	WINDS.	Lee Way.	Deviation.	Bar.	Ther.	OCCURRENCES and REMARKS. _____day, the_____of_____18
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
1									
2									
3									

Distance per Log Variation

E.	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bearing and Distance at Noon.
.....		Acct. _____		Acct. _____	6 a.m. ...	
.....		Obs. _____		Chron. _____	Noon ...	
				Lunars _____	6 p.m. ...	
					Midnt. ...	

LOOK OUT.		MEN'S NAMES.	SIDE LIGHTS HUNG OUT.	
			From	to
...			...	...
			...	...
			...	...
			...	...
			...	...
			...	...

LOG of the from towards

HOURS.	K.	F.	COURSES.	WINDS.	Lee Way.	Devia-tion.	Bar.	Ther.	OCCURRENCES and REMARKS. _____day, the _____ of _____ 18
1									
2									
3									
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11									
12									
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10									
11									
12									

Distance per Log

OURSE	Diff. Lat.	LATITUDE.	Diff. Long.	LONGITUDE.	Inches in the Wells.	Bear
ISTANCE		Acct.		Acct.	6 a.m.	
eparture		Obs.		Chron.	Noon ...	
				Lunars	6 p.m.	
					Midnt.	

ON THE LOOK OUT.	MEN'S NAMES.	SH
to		From
...		...
...		...
...		...
...		...
...		...

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