

VOLUME 20

10 APRIL 1918- 14 AUG 1920

Star of India

LOG BOOK

of the

Star of India

on voyage.

From

San Francisco

To

Boston Bay and Return

FORM No. 2—PUBLISHED AND SOLD BY

LOUIS WEULE COMPANY

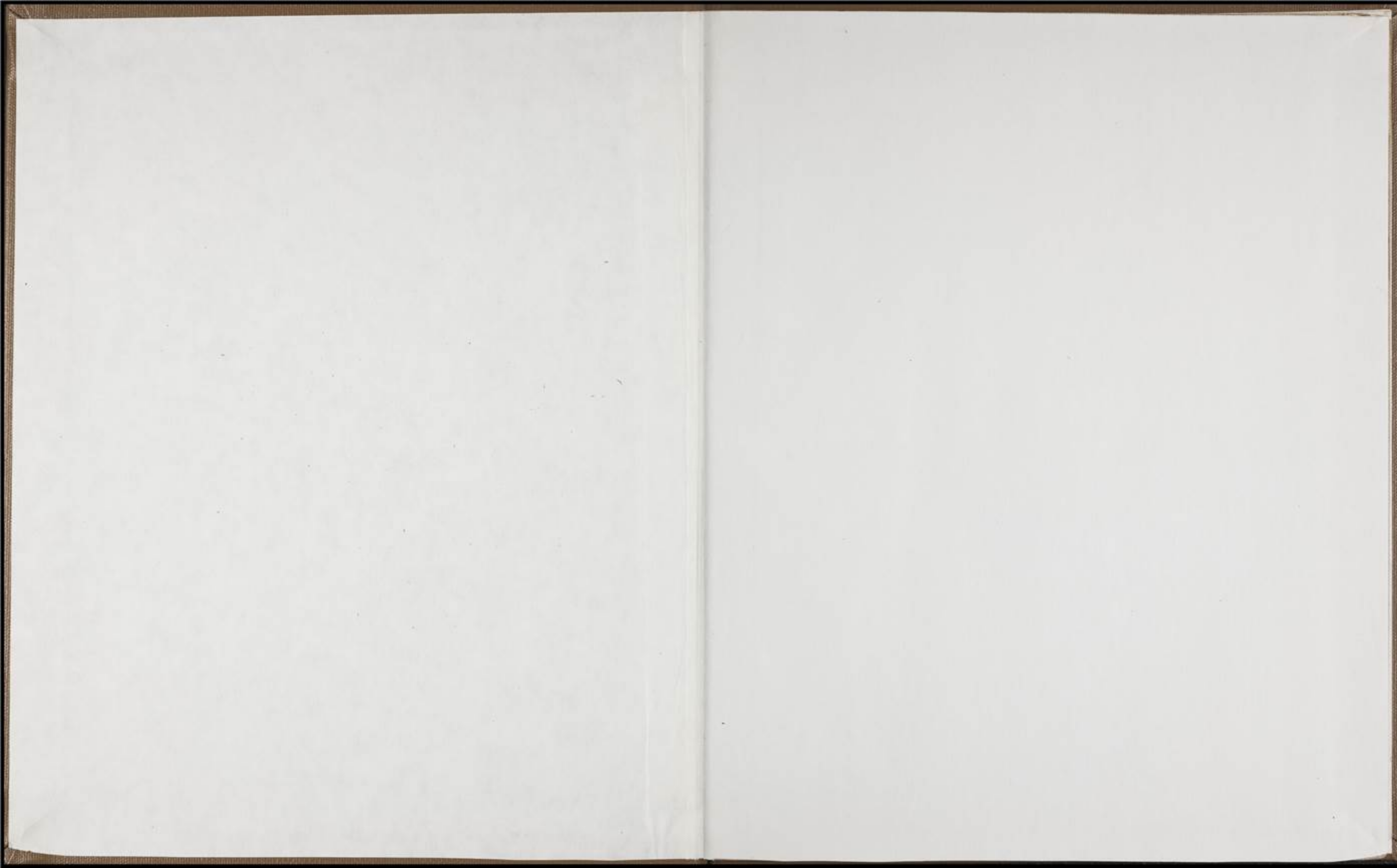
CHRONOMETERS, NAUTICAL INSTRUMENTS

CHARTS, BOOKS ON NAVIGATION, ETC.

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SAN FRANCISCO, CAL.



15 APRIL 1918

10 AUG 1920

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Wednesday April 10, 1878
2							10 ³⁰ Left dock in tow of tug Sea Prince
3							
4							Draft leaving.
5							Forward 18.1 Alt 18 10
6							
7							
8							11 ³⁰ Set fore and aft sails
9							
10							Lightly breeze small sea
11							Towing over Bar
12							

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							12 ³⁰ Set fore and main top sails
2			SW by S	NNW			fore sail and main gallant sail
3							11 ⁵⁵ Set 90 hawsers.
4	14	5			3/4		1 ⁴⁰ Light ship abeam bearing NW by W 1/2 N
5			SW by N				Dist 2 1/2 miles (Departure)
6							4 ⁰⁰ Wind NNW wind weather clear rough sea
7							7 ³⁰ took in main gallant sail and
8	27				3/4		Wizen top mast stay sails
9							8 ⁰⁰ Fresh breeze rough sea.
10							Light & lookout attend to
11							12 ⁰⁰ Midnight no change in weather
12	30				3/4		Master Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay* Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Thursday April 11 1918
2							Fresh breeze Sea moderating
3							Weather cloudy & squally
4	22		SW 1/2 W	NW	3/4		
5							
6							
7							
8	13		SW 1/2 W	NW	3/4		Fresh to moderate breeze Mod Sea
9							
10							
11							Provision light breeze Mod Sea cloudy
12	23		SW 1/2 W	NW	3/4		Master <i>G. J. Carlson</i> Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
134.5 miles	Acc. S			a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
	Obs. S 63° W 148 miles	36° 32' N	125° 25' W	p. m.	p. m.	p. m.	1 Day out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							200 Lib. Mainsail
3							
4	20		SW 1/2 W	NW	1/2		100 No change in weather
5							
6							
7							
8	26		SW 1/2 W	NW	1/2		800 No change
9							
10							Light & lookout atten to
11							Midnight light breeze passing squally
12	16		SW 1/2 W	NW	1/2		W. Morgan Master <i>G. J. Carlson</i> Mate

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Friday April 12 1918
2							
3							Light changeable breeze with light squalls
4	12		SW 1/2 W	NW	1/2		Sea smooth
5							530 Let fore and main gallant sails
6							and Mizzen topmast staysail
7							
8	14		SSW	NNW	1/2		800 No change to note
9							920 Let fore and main Royals & outer jib
10							Bend new Mizzen staysail
11							Light breeze & smooth sea weather clear
12	22		South	W	1/2		W. Morgan Master <i>G. J. Carlson</i> Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
110 miles	Acc. S			a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
	Obs. S 54° W 108 miles	35° 36' N	127° 13' W	p. m.	p. m.	p. m.	2 Days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Bend new fore topmast staysail
3							320 Squally. Took in fore & main Royals
4	20		SW 1/2 W	W	1/2		Mainsail outer jib & Mizzen topmast staysail
5							400 Fresh breeze. Squally
6							
7							720 Took in fore top gallant sail
8	23		WSW	NW	1/2		800 Wind changeable & squally
9							Light & lookout attended to
10							
11							1200 Fresh to mod breeze passing squally
12	18		WS 1/2 S	NW 1/2 N	1/2		W. Morgan Master <i>G. J. Carlson</i> Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Saturday</i>
2							
3							
4	17		71 SW	NW	1/2	4° E	Squally & choppy head sea
5							
6							
7							Light steady breeze small sea.
8	17		14 x S	NW x N	1/2	3° E	Set fore gallant sail & main sail <i>Don't see</i> 8:30 Set fore and main royals out <i>clear & cloudy</i>
9							
10							Rigged top mast stay sail & ring tail
11							17:00 Noon no change in weather
12	22		14 x S	NW	1/4	3° E	<i>W. Morgan</i> Master <i>E. J. Carlson</i> Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
123	Acc.			a. m.	a. m.	a. m.	
	Obs.	S 75° N 107 miles	35° 08' N 129° 20' W	Noon	Noon	Noon	
				p. m.	p. m.	p. m.	3 days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	15		SW x W	NW	1/4	6° E	4:00 <i>more clear weather light breeze & smooth</i>
5							
6							
7							
8	18		S x W	N x N	1/4	6° E	8:00 no change
9							Lights & look out all the time
10							Light changeable breeze long & wly swell
11							Weather clear
12	23		14 x S	NW	1/4	6° E	Master Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Sunday</i>
2							
3							
4	24		SW x S	NNW	1/4	6° E	4:00 Light breeze cloudy
5							
6							
7							
8	30		SW x S	NNW	1/4	6° E	8:00 Gentle breeze with sea cloudy
9							
10							
11							4:00 Light breeze passing clouds
12	28		SW x W	NN	1/4	5° E	<i>W. Morgan</i> Master <i>E. J. Carlson</i> Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
138	Acc.			a. m.	a. m.	a. m.	
	Obs.	S 81° W 136 miles	34° 02' N 131° 43' W	Noon	Noon	Noon	
				p. m.	p. m.	p. m.	7 days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	30		N x N	N	1/4		Light steady breeze sea smooth
5							
6							
7							8:00 No change in weather. Long wly swell
8	29		West	N	1/4		Lights & Look out all the time
9							
10							
11							12:00 No change to note
12	26		West	N	1/4		Master Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS																																
1							Monday April 15 th 1918																																
2																																							
3							Light steady breeze long wly swell																																
4	22		West	N	1/4	1° E	Clear weather passing clouds																																
5							All sails set																																
6																																							
7																																							
8	23		West	N	1/4	1° E	8 ⁰⁰ No change																																
9																																							
10																																							
11							12 ⁰⁰ Noon No change																																
12	25		West	N	1/4	1° E	W. Marzan Master C. J. Carlson Mate																																
<table border="1"> <tr> <th>Dist. by Log</th><th>Course and Distance</th><th>Latitude</th><th>Longitude</th><th>Barometer</th><th>Thermometer</th><th>Inches in the Well</th><th>Bearing and Distance</th></tr> <tr> <td>15.5 miles</td><td>Acc.</td><td></td><td></td><td>a. m.</td><td>a. m.</td><td>a. m.</td><td></td></tr> <tr> <td></td><td>Obs.</td><td>N 73° W 15.8 miles</td><td>34 41</td><td>134 47 W</td><td>Noon</td><td>Noon</td><td></td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>p. m.</td><td>p. m.</td><td></td></tr> </table>								Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance	15.5 miles	Acc.			a. m.	a. m.	a. m.			Obs.	N 73° W 15.8 miles	34 41	134 47 W	Noon	Noon							p. m.	p. m.	
Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance																																
15.5 miles	Acc.			a. m.	a. m.	a. m.																																	
	Obs.	N 73° W 15.8 miles	34 41	134 47 W	Noon	Noon																																	
					p. m.	p. m.																																	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	19		West	N	1/4	1° E	
5							
6							
7							
8	18		West	N	1/4	1° E	
9							Light & Lookout attended to
10							Weather unchanged
11							
12	17		West	N	1/4	1° E	Master Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS																																
1							Tuesday April 16 th 1918																																
2																																							
3							Light wind and calm at times																																
4	18		West	N	1/4	1° E	Weather overcast. Wly swell																																
5																																							
6																																							
7																																							
8	16		West	N	1/4	1° E	8 ⁰⁰ No change																																
9																																							
10																																							
11							12 ⁰⁰ No change																																
12	14		West	N	1/4	1° E	W. Marzan Master C. J. Carlson Mate																																
<table border="1"> <tr> <th>Dist. by Log</th><th>Course and Distance</th><th>Latitude</th><th>Longitude</th><th>Barometer</th><th>Thermometer</th><th>Inches in the Well</th><th>Bearing and Distance</th></tr> <tr> <td>10.2 miles</td><td>Acc.</td><td></td><td></td><td>a. m.</td><td>a. m.</td><td>a. m.</td><td></td></tr> <tr> <td></td><td>Obs.</td><td>N 73° W 10.4 miles</td><td>35 20 N</td><td>136 48 W</td><td>Noon</td><td>Noon</td><td></td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>p. m.</td><td>p. m.</td><td></td></tr> </table>								Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance	10.2 miles	Acc.			a. m.	a. m.	a. m.			Obs.	N 73° W 10.4 miles	35 20 N	136 48 W	Noon	Noon							p. m.	p. m.	
Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance																																
10.2 miles	Acc.			a. m.	a. m.	a. m.																																	
	Obs.	N 73° W 10.4 miles	35 20 N	136 48 W	Noon	Noon																																	
					p. m.	p. m.																																	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	19		West	NE	-	1° E	Lightly wind cloudy sea smooth
5							
6							
7	16		West			1° E	8 ⁰⁰ No change
8	5		W & N	NE		0	Light & Lookout attended to
9							
10							12 ⁰⁰ Light changeable wind smooth
11							Passing light drizzling rain
12	15		W & N	ENE		0	W. Marzan Master Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Wednesday April 17 1918
2							
3							
4	13		N x N	E	-	0	4 ⁰⁰ Light wind hauling east overcast & misty
5							
6							
7							
8	15		N x N	E	-	0	8 ⁰⁰ No change
9							
10							
11							12 ⁰⁰ Light breeze smooth sea weather cloudy
12	17		N x N	ESE	-	0	N. Marzan Master C. J. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
100 miles	Acc. N 56 W		138° 36' W	a. m.	a. m.	a. m.	
	Obs. 99 miles	36.16 N		Noon	Noon	Noon	
				p. m.	p. m.	p. m.	7 days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	13		N	ESE	1°		Weather unchanged
5							
6							
7							Light look out & general precaution all to
8	13		N	ESE	1°		
9							
10							
11							12 ⁰⁰ Midnight No change to note
12	15			ESE			N. Marzan Master C. J. Carlson Mate

 Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Thursday April 18 1918
2							
3							1 ⁰⁰ Calm & light SE by winds
4	16		West	SE		1°	Weather overcast sea smooth
5							
6							8 ⁰⁰ No change
7							
8	14		N	SE			At 9 ⁴⁵ AM one Picardo Ramirez Mexican Cannery worker tried to commit suicide by cutting his throat with a razor, by waite once taken up his wound sewed up and dressed and given all possible care
9							
10							
11							
12	6		N	Calm			N. Marzan Master C. J. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
77 miles	Acc. N 63 W 86 mi			a. m.	a. m.	a. m.	
	Obs. - - -	36.55 N	140° 10' W	Noon	Noon	Noon	
				p. m.	p. m.	p. m.	8 days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	6		N	Calm		1°	Calm and light wind Sky overcast long wly swell
5							
6							
7							
8	9		NNW	Calm and light		1°	Light look out and general routine
9							
10							
11							12 ⁰⁰ Midnight No change to note
12	7		NNW				N. Marzan Master C. J. Carlson Mate

Log of the Star of India from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Friday April 19 1918
2							
3							
4	12		WNW	SE	1°N		Light wind with passing mist
5							
6							
7							
8	16		WNW	SE	1°N		8 ⁰⁰ No change
9							
10	6		WNW				
11							Light steady breeze from SE passing clouds 4 by 40.
12	14		WNW	SE	0		W. Morgan Master C. J. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
68 miles	Acc.			a. m.	a. m.	a. m.	
	Obs.	N 49° W 81 miles	37° 48' N 141° 27' W	Noon	Noon	Noon	
				p. m.	p. m.	p. m.	9 days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	20		WNW	SE	0°		Light breeze passing light rain squalls
5	5		WNW				5 ⁰⁰ Squally tattered black cloud changed to NW fresh breeze. took in unglazed sloop tops mast and outrigger and main sail.
6							
7							
8	20		WNW	NW	14	5°E	
9							Squally and changeable wind
10							Cloudy, big white swell
11							
12	17		WNW	NW	14	4°E	Master Mate

Log of the Star of India from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Saturday April 20 1918
2							
3							2 ³⁰ Weather squally & threatening
4	17		SWWNW	NW	14	5°E	took in fore and main royals
5							
6							3 ⁰⁰ Ricardo Ramirez coming aboard
7							became very violent and tore a bandage
8	17		SWWNW	NW	14	5°E	on his foot and opened his wound
9							bleeding profusely. at daylight his wound
10							was again sewed up and dressed. he was
11							being tied down and watched closely to
12	26		WNW	NE			prevent further injury.

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
122	Acc.			a. m.	a. m.	a. m.	
	Obs.	N 77° W 104 m	38° 12' N 142° 36' W	Noon	Noon	Noon	
				p. m.	p. m.	p. m.	10 days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	32		WNW	NE	1°N		4 ⁰⁰ No change to note
5							
6							
7							
8	31		WNW	NE	1°N		4 ⁰⁰ Fresh steady breeze cloudy. 11 by 10
9							Ships routine as to lights lookout and gun salute
10							
11							12 ⁰⁰ Midnight No change
12	34		WNW	NE			Master Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Sunday</i>
2							
3							Fresh steady breeze throughout the
4	32		WNW	NNE	1/4		Watch. Weather overcast
5							
6							6 ⁰⁰ Set mainmast and main royal
7							
8	31		WNW	NNE	1/4		Wind and sea moderate weather overcast
9							
10							Fresh steady breeze set fore royal and out jib
11							1 Ringtail 12 ⁰⁰ noon Ship Star of France ab. two miles to landward
12	41		WNW	NNE	1/4		W. Marzan Master L. J. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
201 miles	Acc.	40° 11' N	146° 46' W	a. m.	a. m.	a. m.	
		42 miles		Noon	Noon	Noon	
	Obs.	N 53° W 192 miles	40° 05' N 146° 54' W	p. m.	p. m.	p. m.	
				cloudy fine sight	11 days out		

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	37		W 1/2 N	N	-	0	400 no change to note
5							
6							
7							
8	40		W x N	N 1/2 E		0	800 no change
9							
10							
11							1200 Changeable light to moderate breeze, cloudy
12	37		W x N	N 1/2 E		0	Master Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Monday
2							
3							1100 Light to moderate unsteady wind
4	33		W x N	NNE	-	0°	Weather cloudy Small sea
5							
6							
7							
8	35		W x N	NNE		0°	8 ⁰⁰ No change
9							
10							
11							12 ⁰⁰ Light to Mod breeze passing clouds small sea
12	37		W x N	NNE		0°	W. Warren Master G. A. Carlson Mate

Dist. by Log		Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
209 Mile	Acc.				a. m.	a. m.	a. m.	
					Noon	Noon	Noon	
	Obs.	N 53° N 248 M	42° 33' N	157° 22' W	p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE- WAY	DEVI- ATION	REMARKS	I.
1								
2								
3								
4	32		N + N	N + E	0		400 No change	
5								
6								
7								
8	32						800 No change in weather.	
9							Ship routine as to light, lookout and	
10							11 ³⁰ - 1st in sight. Great horse small	along to
11							following sea weather cloudy	
12								

Master
Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Tuesday</i>
2							
3							<i>Light uncertain wind</i>
4	33		<i>NNW</i>	<i>NNE</i>			<i>Cloudy & small sea</i>
5							
6							
7							
8	29		<i>NNW</i>	<i>NNE</i>	<i>1°</i>	<i>8°</i>	<i>to change</i>
9							
10							<i>Light breeze changing to the Eastward</i>
11							<i>Weather cloudy sea smooth</i>
12	26		<i>NNW</i>	<i>NE</i>			<i>W. Marzan Master C. J. Carlson Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
185 mi	Acc. <i>N 45° W 184 mi</i>		<i>154° 36' N</i>	a. m.	a. m.	a. m.	
	Obs. <i>44° 36' N</i>			Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	21		<i>NNW</i>	<i>NE</i>	<i>1°</i>		
5							
6							
7							<i>8° light changeable wind</i>
8	17		<i>NNW</i>	<i>NE</i>	<i>1°</i>		<i>Cloudy sea smooth</i>
9							<i>Light about windings and precaution</i>
10							<i>2 to five attended to</i>
11							
12	25		<i>NNW</i>	<i>E</i>	<i>1°</i>		<i>Master Mate</i>

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Wednesday</i>
2							
3							<i>10° Wind light and uncertain</i>
4	25		<i>NNW</i>	<i>SE</i>	<i>1/4</i>	<i>3°</i>	<i>Overcast & misty sea smooth</i>
5							
6							<i>6:30 Wind hauling West. Squally with in</i>
7	24		<i>NNW</i>	<i>SE</i>	<i>1/4</i>	<i>5°</i>	<i>Sea & main royals out. 10:30 Squally with in</i>
8	4		<i>SW x S</i>	<i>NW</i>	<i>1/4</i>	<i>5°</i>	<i>Closed up mainsail. 7:20 about ship</i>
9							<i>Fresh breeze overcast and squally</i>
10							<i>8:00 Made fast mainsail.</i>
11							<i>12:00 fresh breeze choppy sea</i>
12	31		<i>SW x S</i>	<i>NNW</i>	<i>1/4</i>	<i>5°</i>	<i>W. Marzan Master C. J. Carlson Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
147 miles	Acc.			a. m.	a. m.	a. m.	
	Obs. <i>N 55° W 118 mi</i>	<i>45° 43' N</i>	<i>152° 53' W</i>	Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							<i>3:45 fresh breeze in squally</i>
4	22		<i>SW x W</i>	<i>WNW</i>	<i>1/4</i>	<i>4°</i>	<i>Fresh breeze & squally</i>
5							
6							
7							
8	20		<i>SW x W</i>	<i>NNW</i>	<i>1/4</i>	<i>4°</i>	<i>8:00 No change</i>
9							
10							
11							<i>12:00 No change</i>
12	17		<i>SW x W</i>	<i>NW</i>	<i>1/4</i>	<i>4°</i>	<i>Master Mate</i>

Log of the Star of India from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS																																
1							Thursday April 25th 1916																																
2							1 st look in Main gallant sail.																																
3							2 nd look in fore upper top sail																																
4	23		SW 3/4 W	NW	3/4	5° E	Strong breeze frequent squalls choppy sea																																
5																																							
6																																							
7																																							
8	12		N SW	NW	3/4	4° E	8° Clear passing clouds wind & sea moderating																																
9																																							
10							Set for 8 Main Gallant sail																																
11							Light breeze about sea clear weather																																
12	13		N SW	V	1/2	4° E	W. Marzan Master C. J. Carlson Mate																																
<table border="1"> <tr> <th>Dist. by Log</th><th>Course and Distance</th><th>Latitude</th><th>Longitude</th><th>Barometer</th><th>Thermometer</th><th>Inches in the Well</th><th>Bearing and Distance</th></tr> <tr> <td>117 miles</td><td>Acc.</td><td></td><td></td><td>a. m.</td><td>a. m.</td><td>a. m.</td><td></td></tr> <tr> <td></td><td>Noon</td><td></td><td></td><td>Noon</td><td>Noon</td><td>Noon</td><td></td></tr> <tr> <td></td><td>Obs.</td><td>S 75° W 123 miles</td><td>45° 12' N 159° 42' W</td><td>p. m.</td><td>p. m.</td><td>p. m.</td><td>15 days out</td></tr> </table>								Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance	117 miles	Acc.			a. m.	a. m.	a. m.			Noon			Noon	Noon	Noon			Obs.	S 75° W 123 miles	45° 12' N 159° 42' W	p. m.	p. m.	p. m.	15 days out
Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance																																
117 miles	Acc.			a. m.	a. m.	a. m.																																	
	Noon			Noon	Noon	Noon																																	
	Obs.	S 75° W 123 miles	45° 12' N 159° 42' W	p. m.	p. m.	p. m.	15 days out																																

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	19		SW	NW	1/4	5° E	10° No change
5							
6							
7							
8	21		SW 1/2 W	NW	1/4	5° E	8° No change
9							Ship's routine and usual precautions etc.
10							
11							12° Light breeze clear weather sea smooth
12	16		SW 1/2 W	NW	1/4	5° E	Master Mate

Log of the Star of India from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS																																
1							Friday April 26th 1916																																
2																																							
3																																							
4	13		SW 1/2 W	NW	1/4	5° E	14° Light breeze cloudy weather sea smooth																																
5																																							
6																																							
7																																							
8	9		SW	NW	1/4	5° E	8° No change																																
9																																							
10																																							
11							12° Calm and light breeze passing clouds sea smooth																																
12	10		SW 3/4 S	NW	1/4	5° E	W. Marzan Master C. J. Carlson Mate																																
<table border="1"> <tr> <th>Dist. by Log</th><th>Course and Distance</th><th>Latitude</th><th>Longitude</th><th>Barometer</th><th>Thermometer</th><th>Inches in the Well</th><th>Bearing and Distance</th></tr> <tr> <td>88 miles</td><td>Acc.</td><td></td><td></td><td>a. m.</td><td>a. m.</td><td>a. m.</td><td></td></tr> <tr> <td></td><td>Noon</td><td></td><td></td><td>Noon</td><td>Noon</td><td>Noon</td><td></td></tr> <tr> <td></td><td>Obs.</td><td>S 71° W 97 miles</td><td>44° 43' N 161° 52' W</td><td>p. m.</td><td>p. m.</td><td>p. m.</td><td>16 days out</td></tr> </table>								Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance	88 miles	Acc.			a. m.	a. m.	a. m.			Noon			Noon	Noon	Noon			Obs.	S 71° W 97 miles	44° 43' N 161° 52' W	p. m.	p. m.	p. m.	16 days out
Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance																																
88 miles	Acc.			a. m.	a. m.	a. m.																																	
	Noon			Noon	Noon	Noon																																	
	Obs.	S 71° W 97 miles	44° 43' N 161° 52' W	p. m.	p. m.	p. m.	16 days out																																

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	10		SW 1/2 S	NW	1/4	6° E	14° Calm & light breeze sea smooth & cloudy
5							
6							
7							7 ²⁰ Boat ship
8							Light lookout and usual routine etc.
9							
10							
11							
12							Master Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							2 ³⁰ Set Main sail and Mizzen topmast stay
3							
4	10		NW & NNW	W & SW	-	5°N	4 ⁰⁰ Light & variable clouds
5							
6							6 ⁰⁰ Set Ring tack
7							
8	10		NW & NNW	SW		5°N	8 ⁰⁰ Light air and sea weather cloudy
9							
10							
11							12 ⁰⁰ No change
12			NW & NNW	SSW		5°N	W. Marzan Master C. J. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
41 Miles	Acc.			a. m.	a. m.	a. m.	
	Noon			Noon	Noon	Noon	
	Obs.	N 23° W 57 Miles	45° 17' N 162° 13' W	p. m.	p. m.	p. m.	17 days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	13		NNW	SE		5°N	
5							
6							
7							8 ⁰⁰ Calm & light air since noon
8	4		NW	SE		4°W	
9							
10							
11							12 ⁰⁰ Light breeze, cloudy big wly swell
12	7		W & NW	NNW			Master Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							12 ³⁰ Weather threatening & squally
2							Looking ring into Mizzen topmast stay and out
3							1 ⁰⁰ Fair and calm, no wind 2 ³⁰ in gale
4	19		West	NNW	2	1°E	3 ³⁰ Main Gallant sail & Main sail
5							Free breeze, squally and misty weather
6							big wly swell & choppy sea
7							
8	17		West	NNW	3/4	1°E	6 ⁰⁰ Strong breeze wly swell, choppy weather, no wind
9							
10							
11							12 ⁰⁰ No change, no abe
12	20		W & N		3/4	0	W. Marzan Master C. J. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
75 Miles	Acc.			a. m.	a. m.	a. m.	
	Noon	N 76° W 77 Miles	45° 43' 163° 48' W	Noon	Noon	Noon	
	Obs.			p. m.	p. m.	p. m.	18 days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							4 ⁰⁰ Strong to moderate breeze
4	19		W & N	NNW	3/4	0	big wly swell & choppy weather, cloudy
5							
6							
7							
8	16		W & N	NNW	3/4	0	8 ⁰⁰ No change
9							Light look-out & soundings attended to
10							
11							12 ⁰⁰ Wind & sea moderating wly swell weather cloudy
12	15		W & N	NNW	3/4	0	Master Mate

Log of the Star of India from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Monday April 29 1916
2							
3							
4	11		N	NNW	3/4	1° E	4 ⁰⁰ Good breeze. Sky well location clear
5							
6							Let main top gallant sail. Main top mast stay sail
7							
8	11		N	NNW	3/4		8 ⁰⁰ Light breeze. Clear passing clouds
9							
10							
11							12 ⁰⁰ Light change winds. Sky well location clear
12	8		WSW	NW	3/4	4° E	W. Morgan Master C. J. Carlson Mate
Dist. by Log		Course and Distance		Latitude		Longitude	Barometer
80 miles		Acc.					a. m.
							Noon
							p. m.
Obs.		N 77° W 8 1/2 miles		46° 02' N		165° 45' W	19 days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							12 ⁰⁰ Boat ship. Let fore top gallant sail
2	3		WSW		3/4	4° E	Let main royals. Let fore top gallant sail
3							Risen top mast stay sail
4	6		NW	WSW	1/4	5° W	Light breeze. Cloudy sea smooth
5							
6							
7							
8	24		NW		1/4	5° W	8 ⁰⁰ No Change
9							
10							
11							12 ⁰⁰ Midnight No change
12	26		NW		1/4	5° W	Master Mate

Log of the Star of India from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Tuesday April 30 1916
2							
3							4 ⁰⁰ Boat ship. No change
4	32		NW	WSW	1/4	5° W	Borecast and missing
5							
6							
7							
8	33		NW	WSW	1/4	5° W	8 ⁰⁰ No change
9							8 ³⁰ Took in rigging. Let fore top gallant sail
10							1130 Fore and main royals
11							Light breeze. Slightly choppy sea. Weather cloudy
12	33		NW	WSW	1/4	5° W	W. Morgan Master C. J. Carlson Mate
Dist. by Log		Course and Distance		Latitude		Longitude	Barometer
157 miles		Acc.					a. m.
							Noon
							p. m.
Obs.		N 19° E 171		48° 43' N		164° 19' W	20 days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							11 ⁴⁵ Took in fore and main gallant sails
2							3 ⁴⁵ Took in main sail
3							
4	33		N 1/2 E	WSW	1/2	3° W	4 ⁰⁰ Wind increasing. Slightly sea choppy
5							5 ³⁰ Took in fore upper top sail
6							6 ¹⁵ Main top sail
7							Fresh Gale. Heavy snow. Sail squalls
8	18		NNE	NNW	1	2° W	Sea rough
9							Light look out and usual routine etc.
10							
11							12 ⁰⁰ Midnight Wind. Sea moderating
12	18		N 1/2 E	WSW	3° W		Master Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Wednesday May 1st 1918
2							
3							1 st Kind Moderate long SWly swell breeze
4	21		NE x N x N	NW	1/2	2°N	Rolling heavy. Weather Cloudy
5							
6							5 ³⁰ Let fore and main topsails
7							
8	22		NE x N	NW	1	2°N	8 ⁰⁰ Mod breeze cloudy & squally SWly swell
9							
10							
11							12 ⁰⁰ Light to Moderate breeze Sea Moderate Cloudy
12	21		NE x N x N	NW	3/4	2°N	N. Marzan Master C. J. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
133 miles	Acc.			a. m.	a. m.	a. m.	
	Obs.	N 19° E 117 miles	50° 34' N 163° 20' W	Noon	Noon	Noon	
				p. m.	p. m.	p. m.	21 day out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	18		NE x N	NW	3/4	1°N	4 ⁰⁰ Mod breeze Overcast & squally
5							
6							6 ¹⁵ Let main gallant sail
7							
8	19		NE x N	NW	3/4		8 ⁰⁰ Discharge to note
9							Light lookout and usual routine etc
10							
11							12 ⁰⁰ Light to Mod breeze bearing snow squalls
12	23		NE x N	NW	3/4		16 ⁰⁰ Mod breeze Master Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Thursday May 2nd 1918
2							
3							
4	21		NE x N	NW	1/2		4 ⁰⁰ Mod breeze cloudy SWly swell
5							
6							
7	17		NE	NW	1/2	1°N	7 ⁰⁰ Bout ship
8	5		SW x W 1/2 W		1/2	5°E	8 ⁰⁰ No change to note
9							
10							12 ⁰⁰ Mod breeze with backing
11							Sea squalls SWly swell
12	19		SW x W 1/2 W	NW	5/8		N. Marzan Master C. J. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
122 miles	Acc.			a. m.	a. m.	a. m.	
	Obs.	N 51° E 89 miles	51° 29' N 161° 30' W	Noon	Noon	Noon	
				p. m.	p. m.	p. m.	22 day out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	19		SW	NNW	1/2	6°E	4 ⁰⁰ No change to note
5							
6							
7							
8	31		SW x S	NNW	1/2	6°E	8 ⁰⁰ No change
9							
10							11 ³⁰ Bout ship wind hauling South
11							12 ⁰⁰ Mod breeze Overcast & squally Sea smooth
12	14		S x W	W	1/2	4°E	Master Mate

Log of the Star of India from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Day
1								Friday
2							23 ⁰⁰ Set fore top gallant sail	May 3rd 1918
3								
4	18		NW x N	W 5/1	14	5°	4 ⁰⁰ Light breeze thick misty weather	
5							5 ⁰⁰ Set mainsail	
6							6 ⁰⁰ Set fore & main royals	
7							Light breeze passing light rain squalls	
8	26		NW x N	W 5/1	14	5°	1/2ly swell	
9								
10							12 ⁰⁰ Noon Light breeze sea smooth	
11							Weather overcast & misty Raining ^{NO} obs	
12	28		NW x N	SW	14	5°	W. Marzani Master E. J. Carlson Mate	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
126	Acc. NW 59° W 69 miles	52° 07' N	163° 05' W	a. m.	a. m.	a. m.	
	Obs.			Noon	Noon	Noon	
				p. m.	p. m.	p. m.	23 days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Day
1								1
2								
3								
4	15		NW x N	W 5/1	14	5°	4 ⁰⁰ Light breeze overcast & misty sea smooth	
5								
6	3		NW x N	W 5/1	14	5°	5 ⁰⁰ Calm	
7								
8	2		NW x N	W	14	5°	8 ⁰⁰ Bout ship	
9							8 ³⁰ Took in mainsail	
10							11 ³⁰ Took in fore and main royals. Fresh to moderate breeze overcast & squally	
11								
12	24		SW x W	NW	14	5°	Master Mate	

Log of the Star of India from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Day
1								Saturday
2							13 ⁰⁰ Took in fore & main gallant sails	May 4th 1918
3							1 ⁰⁰ Fresh & unsteady breeze & squally	
4	24		SN x N	W NW	12	5°	Shut choppy head sea	
5								
6								
7								
8	14		NW x N	NW	12	4°	8 ⁰⁰ Light breeze clear & cloudy weather	
9							14 ⁰⁰ Set fore & main gallant sails	
10								
11							Light airs & calm clear weather sea smooth	
12	5		NW x N	N	12	0	W. Marzani Master E. J. Carlson Mate	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
87	Acc. NW 78° W 75 miles	52° 23' N	165° 04' W	a. m.	a. m.	a. m.	
	Obs.			Noon	Noon	Noon	
				p. m.	p. m.	p. m.	24 days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Day
1								1
2								
3							4 ⁰⁰ Light variable air sea smooth	
4	2		NW x S	NNW	14	1°	Fine clear weather	
5								
6								
7								
8	8		NW x N	N	14	0	8 ⁰⁰ No change	
9							Light fore and aft and usual routine	
10	6		NW x N	N	14	0	10 ⁰⁰ Bout ship. 12 ⁰⁰ Light unsteady breeze	
11							Weather cloudy sea smooth	
12	9		E	N	14	2°	Master Mate	

Log of the Star of India from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	24		E 1/2 N	N	1/4	0	1 st Light breeze & smooth sea weather cloudy
5							
6	12		E 1/2 N	N	1/4	1° N	6 ⁰⁰ Bout Ship
7							
8	1		N 1/2 E	N	1/4	0	8 ⁰⁰ Sea change in weather
9							
10							
11							12 ⁰⁰ Sea change
12	21		N x S	N x W	1/4	3° E	W. Marzan Master G. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
87.1	Acc.			a. m.	a. m.	a. m.	
	Obs. N 27° N 2 miles	52° 3' N	165° 10' W	Noon	Noon	Noon	
				p. m.	p. m.	p. m.	25 days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2	8		N x S			4° E	2 ⁰⁰ Bout Ship
3							
4	9		E x S 1/2 S	N	1/4	3° N	4 ⁰⁰ No change
5							
6	12		E x N	N			
7							
8	14		E x S 1/2 S	N	1/4	3° N	8 ⁰⁰ Light uncertain breeze. Cloudy sea smooth
9							Light lookout & General routine etc to
10							11 ⁰⁰ Bout Ship
11	7		E			2° N	12 ⁰⁰ Midnight No change to note
12	4		S 1/2 N	N	1/4	1° E	Master Mate

Log of the Star of India from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	18		N x W	NNE	1/4	2° N	4 ⁰⁰ Light unsteady breeze weather cl.
5							
6							6 ⁰⁰ Let Ringtail & ...
7							
8	16		N x W	NE		1° N	8 ⁰⁰ Sea change
9							9 ⁰⁰ Let ...
10							12 ⁰⁰ From ...
11							Light breeze & smooth sea
12	21		N x W 1/2 N	ENE	1/4	4° W	W. Marzan Master G. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
96.1	Acc.			a. m.	a. m.	a. m.	
	Obs. N 16° N 27 miles	52° 3' N	165° 23' W	Noon	Noon	Noon	
				p. m.	p. m.	p. m.	26 days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							4 ⁰⁰ Lighted ...
4	25		N x W	ENE	1/4	5° W	Light breeze & smooth sea passing clouds
5							
6							
7							
8	24		N x W 1/2 N	NE	1/4	5° W	8 ⁰⁰ Bout Ship made last ...
9							2 ⁰⁰ in Ringtail ...
10							Enter ...
11							Light to ...
12	24		S E 1/2 E	NE	1/4	4° W	Master Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Day
1								Friday
2								
3								
4			S E N E	N E	1	3° N	3 ⁰⁰ Took in fore top gallant sail 3 ⁴⁰ Heard Ship. 3 ⁵⁵ On the Wind Head N	May 7 to 1918
5							took in main top gallant sail fresh breeze misty & squally S E by swell.	
6								
7								
8	24		N x E	E N E	1/2	8° N	8 ⁰⁰ No change	
9	6		N x E	E N E	1/2	8° N	9 ³⁰ Heard Ship took in fore upper top sail	
10								
11							12 ⁰⁰ Fresh breeze misty & raining hard sea	
12	10		S E	E N E	2	3° S	W. Marzan Master E. Carlson Mate	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
130	Acc. N 8° E 26 miles	53° 23' N	165° 10' W	a. m.	a. m.	a. m.	
	Obs.			Noon	Noon	Noon	
				p. m.	p. m.	p. m.	27 days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Day
1								1
2								
3								
4	14		S E	N E	2	3° N	4 ⁰⁰ No change	
5								
6							6 ³⁰ Set main top mast stay sail & Mizzen stay sail	
7								
8	2		S E x S	N E	2 1/2	2° N	8 ⁰⁰ Mod breeze thick mist & raining big S E by swell	
9							light to look out - soundings and general routine set to	
10							11 ⁰⁰ Heard Ship 11 ²⁰ around on the Wind Head N	
11	7		S E x S 1/2 S	N E	2 1/2	2° N	12 ⁰⁰ Midnight weather unchanged	
12	3		N	E N E	2	4° N	Master Mate	

 Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Day
1								Wednesday
2								
3								
4	12		N x E	E	3/4	4° N	4 ⁰⁰ Mod breeze thick misty and rain	
5							4 ³⁰ Set fore top sail	
6								
7								
8	21		N x E	E	1/2	4° N	8 ⁰⁰ Mod breeze misty & raining big S E by swell	
9							9 ³⁰ Set fore top gallant sail	
10							11 ⁰⁰ Set fore top gallant sail	
11							2 ⁰⁰ Set fore top gallant sail	
12	27		N x E	E S E	1/2	3° S	W. Marzan Master E. Carlson Mate	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
96	Acc. N 8° E 18 miles	53° 38' N	165° 07' W	a. m.	a. m.	a. m.	
	Obs.			Noon	Noon	Noon	
				p. m.	p. m.	p. m.	29 days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Day
1								1
2								
3							3 ³⁰ Took in ringtail stay top sail outer sail	
4	22		N x E	E	1/2	3° N	fore and main royals	
5							4 ⁰⁰ Lighted signal light & 1 gun. 2 out ships	
6	14		S S E	E	3/4	0°	took in fore top gallant sail. Light to mod breeze thick misty & raining big S E by swell	
7								
8	9		N x E	E	3/4	3° N	6 ⁰⁰ Boat ship.	
9	1		N x E	"	1	1	8 ⁰⁰ Heard Ship location unchanged	
10								
11							12 ⁰⁰ Midnight light breeze thick misty & raining big S E by swell	
12	11		S S E	E	1	0°	Master Mate	

Log of the Star of India from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Thursday May 9 th 1918
2							
3							
4			S x E	E	2	1° E	4 ⁰⁰ Increased ship. light and thick misty
5							4 ³⁰ Let fore & main top gillensails
6			NW			4° N	6 ⁴⁵ Changed wind Bout-Ship.
7							8 ⁰⁰ Light changeable breeze.
8			NE x E	YN	1/2	1° N	Thick misty & raining. S.W. by S.W.
9							
10							
11							12 ⁰⁰ Iron Boatswain's note
12	16		NE x N	NW	2	5°	N. Marzan Master C. J. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.	N 54° E 27 mi	53° 57' N	164° 27' W	a. m.	a. m.	a. m.	
Noon				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	29 days out.

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							1
2							2 ⁰⁰ Weather cleared sighted scotch capst 22 mi
3	22		N x E		1/2	2° N	3 ⁴⁵ Bout-Ship
4	5		S x N		1/2	4° E	4 ⁰⁰ Lightly breeze clear and smooth
5							
6							6 ⁰⁰ Scotch capst line N x N 1/4 W dist approx 22 miles
7							
8				calm			7 ⁰⁰ Calm and light S.W. air fine clear weather
9							
10							11 ⁰⁰ Scotch capst 22 lbs bearing N x E 5 1/2 miles
11							12 ⁰⁰ Light breeze cloudy
12			N x N	SWS		0°	Master Mate

Log of the Star of India from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1	10		N x N	SSN	1/2	0	Friday May 10 th
2							1 ⁰⁰ Cape Scareshe
3							2 ⁰⁰ Cape Scareshe
4	27		N x E	SE		0	3 ⁰⁰ Cape Scareshe
5	7		NE x N				4 ⁰⁰ Cape Scareshe
6							5 ⁰⁰ Cape Scareshe
7							6 ⁰⁰ Cape Scareshe
8	25		NE x N	SE	1		7 ⁰⁰ Cape Scareshe
9							8 ⁰⁰ Cape Scareshe
10							9 ⁰⁰ Cape Scareshe
11							10 ⁰⁰ Cape Scareshe
12	23		NE	SE	1	1° W	11 ⁰⁰ Cape Scareshe

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.	Co Scareshe 127 mi	53° 30' N	163° 30' W	a. m.	a. m.	a. m.	
Noon				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	30 days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							1
2							
3							
4	27		NE	SE	1	1° W	4 ⁰⁰ Wind moderating weather
5							6 ⁰⁰ Let main upper topmast
6	12		NE	SE	1	1° W	7 ⁰⁰ Out. jib & fore upper topmast
7							8 ⁰⁰ Light breeze & smooth sea passing
8	12		NE x N	SE	1	0	9 ⁰⁰ Light breeze & smooth sea
9							10 ⁰⁰ Light breeze & smooth sea
10							11 ⁰⁰ Light breeze & smooth sea
11							12 ⁰⁰ Light breeze & smooth sea
12	27		NE x N	SE	1	0	Master Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Saturday May 11th 1918</i>
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Noon				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Master Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Sunday</i>
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Noon				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Master Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Wednesday May 15 th 1918
2							
3							22° Bout Ship
4							Light breeze overcast & misty
5							
6							Tacking and heaving as required
7							to keep clear of Ice. No log out
8							Using hand lead frequently.
9							Light breeze overcast with passing
10							clouds. Light & w. by wind.
11							17° down no change. Sea all day
12							W. Marion Master C. J. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.		57° 16'	158° 42'	Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							100° Ice all around. How to.
2							
3							
4							Tacking and heaving as required to
5							keep clear of Ice. Most time
6							running back. Drifting with
7							strong lead frequently some ice
8							seen by light 15 and 20 fathoms
9							about soundings are to
10							be seen and only are overcast misty
11							at times.
12							Master Mate

Log of the *Star of India* from *San Francisco* towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Thursday
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							W. Marion Master C. J. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.	N 37 E 38 miles	57° 46' N	158° 40' W	a. m.	a. m.	a. m.	
Obs.				Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4							Light breeze
5							
6							
7							
8							
9							
10							
11							
12							Master Mate

Log of the

India from San Francisco towards Bristol Bay

[illegible]

Shot, by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	800 AM
				Noon	Noon	Noon	Cape Greig from EXETER
Obs.				p. m.	p. m.	p. m.	Dist approx 10 miles

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	<i>1</i>
1								
2								
3								
4								
5								
6								
7								
8							Early Wind and foggy	
9							Clear 12 hours	
10							Fast in the	
11								
12								

Master _____ Mate _____

Log of the

Sea of India from ~~the~~ towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.	<i>S 17 W 4 1/2 N.</i>			p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	<i>I</i>
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12							<i>Master</i>	<i>Mate</i>

Log of the from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.				Noon	Noon	Noon	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Master Mate

Log of the from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.				Noon	Noon	Noon	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Master Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Tuesday May 21st 1918</i>
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.		67.30N	157.58W	Noon	Noon	Noon	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Master Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Wednesday May 22nd 1918</i>
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.		57.31N	158.05W	Noon	Noon	Noon	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Master Mate

Log of the Star of India from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Thursday May 23rd 1918
2							
3							
4							
5							
6							
7							
8							
9							Calcu & light E on N E by wind clear &
10							cloudy weather since midnight
11							Vessel haul fast in ice 11 fathoms
12							W. Morgan Master G. D. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.		57° 34' N	158° 05' W	p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							1
2							
3							
4							Secured about 2000 gal fresh water from ice
5							
6							
7							Wind E by wind cloudy weather
8							throughout since 12 hours
9							Vessel haul fast in ice which
10							is moving away from shore
11							Lept of Gate at Midnight 13 fathoms
12							Master Mate

Log of the Star of India from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Friday May 24th 1918
2							
3							
4							
5							
6							
7							Fresh to mod E by & N E by wind weather
8							cloudy and overcast and raining at
9							times ice moving away from shore
10							Vessel haul fast in ice all sails fast
11							12° noon 13 1/2 fathoms
12							W. Morgan Master Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.		57° 45' N	158° 02' W	p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							1
2							
3							
4							
5							
6							
7							Light N E by wind weather cloudy
8							Vessel haul fast in ice
9							Secured about 2000 gal fresh water from ice
10							12° Midnight 14 fathoms weather clear
11							
12							Master Mate

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Saturday May 25th 1918</i>
2							
3							
4							
5							
6							
7							
8							<i>Light & variable winds & clear weather</i>
9							<i>throughout the 12 hours.</i>
10							<i>Vessel hard fast in ice.</i>
11							<i>Sft of water at noon 14 fathoms</i>
12							<i>W. Marran Master C. J. Carlson Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.		67-47N	158-00W	p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE- WAY	DEVI- TION	REMARKS	<u>1</u>
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Light E & NE by winds clear weather
 Throughout these 12 hours vessel hard
 in ice 12° midnight 13 1/2 feet water

Master _____ Mate _____

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Stand out</i>
2							
3							
4							
5							
6							
7							
8							
9							
10							Light airs from SE to NE fine clear weather these 12 hours
11							Vessel hard fast in ice 13 1/2 fathoms
12							<i>W. Marran</i> Master <i>C. I. Carlsson</i> Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.		57° 56' N	158° 09' W	p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Log of the *U.S. of Indian* from *San Francisco* towards *Brist. Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Monday May 27 1898
2							
3							
4							
5							
6							
7							
8							
9							Cal. & light variable wind. Weather cloudy
10							Vessel haul fast in line
11							12 fms. Depth water 13 fathoms
12							W. Marzan Master C. J. Carlson Mate

Date, & Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Ad.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Off.		52° 43' N	58° 07' W	p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE- WAY	DEVI- ATION	REMARKS
1							
2							
3							
4							
5							
6							
7							Light winds from ESE and W Sea
8							Rising up Made some progress
9							Towards open water far and aft
10							Sails set 12 ⁰⁰ Midnight light SW wind
11							Cloudy variation depth of water 12' at low
12							Master Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Thursday May 28 to 1918
2							
3							
4							4 ⁰⁰ Clear of thick ice, but considerable
5							drift ice everywhere. 5 ⁰⁰ Set fore &
6							Main-moon & upper top sails.
7							9 ⁰⁰ Taken in tow by Ste. Nushagak
8				SW			lights & only wind thick misty weather.
9							
10							
11							12 ⁰⁰ Again thick fog.
12				SW			H. Marion Master C. J. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	I.
1							120 Thick fog & drifting ice floes	
2							Let go starboard anchor in 8 fath water	
3							30 fath chain.	
4							300 Hove up anchor on account of	
5							drift ice 400 took bow line from	
6							Sta Nushagak.	
7							500 Weather cleared.	
8							745 Let go starboard anchor in 8 fath water	
9							with 45 fath chain. Robert's Hill bearing E by N	
10							Light SW wind cloudy & misty weather	
11							Anchor watch & lights at 8	
12								

Master
Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Wednesday May 29 th 1918
2							
3							
4							
5							
6							
7							Light to Mod SW Wind weather overcast
8							with light drizzling rain at times
9							Sighted some drift ice to the westward
10							
11							
12							H. Warren Master G. J. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.	at anchor of Johnston Hill	a. m.	a. m.	a. m.	a. m.	a. m.	
Obs.		Noon	Noon	Noon	Noon	Noon	
		p. m.	p. m.	p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4							
5							
6							
7							Mod SW wind weather overcast & misty
8							Anchor watch and light at 6
9							
10							
11							
12							Master Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Thursday May 30 th 1918
2							
3							
4							1 st Drift ice close to ship, cleared ship
5							on account of tide turning. Light S by wind
6							Overcast & misty weather
7							
8							
9							
10							
11							12 ⁰⁰ No change
12							Master G. J. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.	at anchor of Johnston Hill	a. m.	a. m.	a. m.	a. m.	a. m.	
Obs.	Nahme	Noon	Noon	Noon	Noon	Noon	
		p. m.	p. m.	p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							2 ³⁰ Signaled St. Krichak who came alongside
4							with doctor to attend on some Japanese
5							4 ⁰⁰ Steamer left ship
6							
7							
8							Light S by wind Overcast & misty weather
9							throughout then 12 hours
10							
11							
12							Master Mate

Log of the Star of India from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Friday May 31st 1918
2							
3							
4							3:15 AM Hove up anchor to clear drift Sea
5							Let go and all sail & Tm fow & upper topail
6							4:15 Taken in tow by St. Nicholas took in
7							all sails.
8							5:25 Let go Starb anchor in 7 fath water
9							140 fath chain. Johnston Hill bearing S x E
10							9:30 R.S. Marchal aboard and took in same job
11							When 12:00 Light Sky Wind Cloudy Weather
12							Master C. J. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
	At anchor of Nahu			Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							1
2							
3							
4							
5							
6							
7							Ind SW & sky wind cloudy weather
8							throughout these 12 hours
9							Anchor watch kept & sharp lookout
10							for Ice
11							
12							Master Mate

Log of the Star of India from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Saturday June 1st 1918
2							Harbor Log at anchor of Nahu
3							AM Light to Sea SW by wind with overcast & misty
4							Weather up to 10:00 AM when weather cleared
5							12:00 weather clear light breeze
6							
7							
8							PM Light SW by wind foggy the first part of
9							afternoon. Calm of the 12 hours
10							overcast & misty weather.
11							Anchor watch kept & light at 5 to 6 to 7 p.m.
12							Master C. J. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
	At anchor of Nahu			Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Sunday June 2nd 1918
2							AM Calm & light SW by winds thick
3							misty weather foggy at times.
4							10:00 cleared
5							
6							PM Light SW wind and clear weather up to
7							6:00 later light air & calm overcast & misty
8							
9							Light according to log & anchor watch kept
10							
11							
12							Master C. J. Carlson Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Monday June 3rd 1918
2							Harbor Log at anchor of Nakhok
3							AM calm & light variable winds fine clear weather. During forenoon unbent
4							Fore & main royals singtail & zig topmast stays
5							
6							
7							PM Light N by air & calm clear weather
8							unbent mainsail, and sent up
9							carriage gear
10							
11							
12							Master <i>C. J. Carlson</i> Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Tuesday June 4th 1918
2							AM Sent down fore royal yard and unbent foresail.
3							Time clear & warm weather & calm
4							
5							
6							
7							PM Sent down main royal yard.
8							Time clear weather Light air & calm
9							Rig lights & anchor watch kept
10							
11							
12							Master <i>C. J. Carlson</i> Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

 Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Wednesday June 5th 1918
2							Harbor Log at anchor of Nakhok
3							AM Time clear weather calm & light SW by S
4							10 ³⁰ St Nushagak alongside.
5							11 ³⁰ Hove up anchor 11 ³⁰ anchor up
6							12 ⁰⁰ fore line aboard. under way. Toward Nushagak River.
7							PM Unbent fore main gallant top & sent down yards
8							8 ⁵⁰ Let go anchor of Clark Pt
9							Nushagak River.
10							Light and anchor watch attend to
11							Time clear weather & calm
12							Master <i>C. J. Carlson</i> Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Thursday June 6th 1918
2							AM 8 ⁰⁰ Hove short. 8 ²⁵ anchor up
3							Vessel under way in tow of St Nushagak
4							10 ⁰⁰ Let go anchor of P. H. J. Cannery
5							Start anchor & 30 fath chain
6							11 ³⁰ Fickerman went ashore in lighter
7							Unbent all sails during the forenoon.
8							PM Made ready for discharging & various jobs
9							10 ⁰⁰ Cannery hand left ship
10							Time clear weather & calm.
11							
12							Master <i>C. J. Carlson</i> Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

Log of the *Star of India* from San Francisco towards Butel Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Friday	June 7 to 1918
1							Harbor Log <i>PHS</i> Cannery Nushagak.		
2							AM 6 ³⁰ Commenced discharging taking of live stock		
3							and Cannery stores. 10 ⁰⁰ Lighter loaded		
4							and left. 1 ⁰⁰ PM Lighter alongside resumed		
5							discharging 1 ⁰⁰ Lighter loaded finished after		
6							the day. 11 ⁰⁰ Lighter left ship.		
7							Light variable air & calm clear weather throughout the day		
8							Saturday June 8 to 8 ⁰⁰ AM Resumed discharging		
9							12 ⁰⁰ Lighter finished 1 ⁰⁰ Left ship		
10							4 ⁰⁰ Lighter alongside resumed discharging		
11							9 ⁰⁰ Finished for the day		
12							Light air & calm fine clear weather throughout the 24 hours		

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.				Noon	Noon	Noon	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Sunday	June 9 to 1
1							No work done this day		
2							Light SW winds weather cloudy		
3							with light showers		
4							Monday June 10 to		
5							6 ⁰⁰ AM Resumed discharging 11 ⁴⁰ Lighter		
6							loaded 1 ⁰⁰ left ship 2 ⁰⁰ Lighter		
7							alongside resumed discharging		
8							7 ³⁰ all work finished for the day		
9							Light SW by wind fine clear weather throughout the 24 hours		
10							W. Morgan Master		
11							C. J. Carlson Mate		
12									

Log of the *Star of India* from towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Tuesday	June 11 to 1918
1							Harbor Log <i>PHS</i> Cannery Nushagak		
2							6 ⁰⁰ AM Resumed discharging 12 ⁰⁰ Finished		
3							lighter. 3 ⁰⁰ Lighter alongside resumed discharging		
4							8 ⁰⁰ Finished lighter all work finished for the day		
5							Fine clear weather light SW by wind throughout the day		
6							Wednesday June 12 to		
7							6 ³⁰ Resumed discharging 10 ³⁰ Finished lighter		
8							Moored ship assisted by two launchers 45 ft chain		
9							on each anchor. 5 ⁰⁰ Lighter alongside resumed		
10							discharging 6 ⁰⁰ carry all out finished for the day		
11							Further weather light SW wind throughout the 24 hours		
12							W. Morgan Master C. J. Carlson Mate		

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.				Noon	Noon	Noon	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Thursday	June 13 to 1918
1							9 ³⁰ AM Commenced cleaning ship 12 ⁰⁰ finished.		
2							1 ⁰⁰ PM Resumed work putting secured in anchor		
3							chain, cleaning up hold, putting stores on lighter		
4							and various jobs getting ready to go ashore		
5							3 ⁰⁰ PM finished for the day		
6							Fine clear weather light SW by wind		
7							Friday June 14 to		
8							9 ³⁰ AM all hands went ashore		
9									
10									
11									
12							Master C. J. Carlson Mate		

Log of the *Star of India* from towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	I.
1							Harbor Log <i>PHD</i> Cannery Nushagak	
2							Wednesday Aug 7th 2 ¹⁵ PM Ship's gang aboard	
3								
4							Thursday Aug 8. Prepared hold for cargo and various jobs. Light SW wind & cloudy later Part of day rain showers.	
5								
6								
7								
8							Friday Aug 9th. Cleaned ship and various jobs	
9							Light SW wind and passing rain shower	
10								
11							Saturday Aug 10 Took aboard about 15 tons of coal and various jobs. Fine clear weather light SW wind	
12							Master <i>C. J. Carlson</i> Mate	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	I.
1							Sunday Aug 11 No work done this day. Mod SW wind & cloudy weather	
2								
3								
4							Monday Aug 12 No work this day. Fresh SW wind cloudy & squally weather	
5								
6								
7							Tuesday Aug 13 Washed down deck no other work done this day. Light variable winds clear weather	
8								
9								
10							Wednesday Aug 14 No work done this day. Fresh SE and SW wind with rain part of day	
11								
12							Master <i>C. J. Carlson</i> Mate	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

Log of the *Star of India* from towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	I.
1							Harbor Log <i>PHD</i> Cannery Nushagak	
2							Thursday Aug 15. 10 ³⁰ AM Took aboard about 15 tons	
3							Provisions for Homeward voyage 2 ³⁰ finished.	
4							Fresh SW wind. Clear & Cloudy weather	
5								
6							Friday Aug 16 No work. Strong SW wind cloudy with passing rain squalls	
7								
8								
9							Saturday Aug 17 Washed deck no other work done. Light E by & NE wind with passing rain squalls	
10								
11								
12							Master <i>C. J. Carlson</i> Mate	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	I.
1							Sunday Aug 18 No work this day. Fine clear weather & light variable winds	
2								
3								
4							Monday Aug 19 8 ⁰⁰ AM Comenced bending fore and aft sails and various jobs	
5							PM 1 ⁰⁰ Comenced loading 3 ⁴⁵ Lighter	
6							Discharged 2,300 cases. Sentt up	
7							Fore and main gallant yards	
8							5 ⁰⁰ PM work finished for the day	
9							Fine clear weather calm & variable	
10							Winds throughout the day	
11								
12							Master <i>C. J. Carlson</i> Mate	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

Great 15 ton coal 15 ton provisions
 back 18000 lbs of water aboard
 12 11 1/2 ton water 1500 lbs of provisions

Log of the Star of India from towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1							Harbor Log ^{PHD} Cannery Nushagak	
2							Tuesday Aug 20th 8 ⁰⁰ AM Washed down Lindt up	
3							Fore and Main royal yards bendt	
4							Fore and Main Royal & Gallantsails.	
5							PM 2 ⁰⁰ Lighter alongside took in 3070 cases	
6							5 ³⁰ Finished for the day Light variable	
7							Wind & cloudy throughout the day.	
8							Wednesday Aug 21st 6 ⁰⁰ AM Resumed loading 9 ⁰⁰ Finished lighter	
9							bendt Foresail Main sail and Fore and Main	
10							topsails. 1 ⁰⁰ PM Resumed loading 5 ⁵⁰ finished	
11							for the day took aboard during the day 6837 Cases	
12							Light E by wind and cloudy brought to day	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1							Thursday Aug 22	
2							6 ⁰⁰ AM Resumed loading 7 ³⁰ Breakfast 8 ⁰⁰ Resumed loading	
3							9 ⁰⁰ Lighter discharged 1496 cases 9 ¹⁰ Lighter along side resumed	
4							loading Michelson height 10 ³⁰ Finished lighter	
5							1 ⁰⁰ PM Lighter alongside resumed loading 4 ⁵⁰ Lighter discharged	
6							3070 cases. 5 ⁰⁰ Loaded lighter came alongside. When requested	
7							to unload this lighter the following named ships even	
8							when being requested refused to go on with the order	
9							John Matto. Oskar E. Ho. Karl Hays	
10							Thomas Lybeck. C. O. Johanson. K A Pilström	
11							Harry Sigel. W Pederson. Gust Lundgren	
12							Char Erikson. John Sandberg	

Master	C. J. Carlson	Mate	
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Log of the Star of India from towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1							Friday Aug 23	
2							Harbor Log ^{PHD} Cannery Nushagak	
3							6 ⁰⁰ Resumed loading 7 ³⁰ Breakfst 8 ⁰⁰ resumed	
4							loading 9 ⁰⁰ Lighter discharged 2130 cases washed down	
5							Deck 9 ³⁰ Finished	
6							PM 2 ³⁰ Lighter alongside resumed loading	
7							5 ⁴⁰ Lighter discharged 3100 cases all work	
8							Finished for the day.	
9							Strong SW wind which later part of day	
10							turned to the NW Fine clear weather	
11								
12							Master C. J. Carlson	Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1							Saturday Aug 24th 1878	
2							7 ⁰⁰ AM Lighter along side 8 ⁰⁰ Resumed loading	
3							9 ⁵⁰ Lighter discharged 1950 cases.	
4							3 ¹⁰ PM Lighter alongside resumed loading	
5							6 ²⁵ Lighter discharged 3300 cases all work	
6							Finished for the day.	
7							Light SW wind and fine clear weather.	
8							Sunday Aug 25	
9							No work done this day	
10							Fine clear weather Light SW wind	
11								
12							Master C. J. Carlson	Mate

Master	C. J. Carlson	Mate	
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Log of the Star of India from Nushagak towards San Francisco

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1			8 ⁰⁰ AM				Lighter alongside resumed loading 10 ⁴⁰
2							Lighter discharged 1866 cases. 11 ⁰⁰ Lighter alongside
3							Look aboard canning machines and various freight.
4							12 ²⁰ Finished lighter, vessel loaded.
5							12 ⁴⁰ Commenced to unmoor 3 ⁰⁰ Finished.
6							Swivel out. Vessel laying for starboard anchor
7							and 45-fm chain. 5 ⁰⁰ Cannery hands
8							came aboard.
9							Light to mod sly wind overcast and misty
10							weather throughout the day.
11							Anchor watch & light & precaution as to fire etc.
12							Master <i>C. Carlson</i> Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1			8 ⁰⁰ AM				Washed down and various jobs getting ready for sea
2							9 ⁰⁰ Fishermen aboard. All gear and stores aboard and
3							water tanks filled. Draft 20.3 forward 20.9 aft.
4							
5			3 ²⁰ PM				St. Nushagak alongside. Home short.
6							3 ⁴⁰ Anchor up under way. 7 ²⁵ Let go anchor
7							of Clark's Pt. Starboard anchor 30 fm chain 7 fm water
8							Fresh SE wind overcast misty and raining
9							Anchor watch and lights etc.
10							
11							
12							Master _____ Mate

Log of the Star of India from Nushagak towards San Francisco

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							4 ³⁰ St. Nushagak alongside
3							4 ⁵⁵ Anchor up. Under way toward Nushagak
4							Fresh SW by wind misty and raining
5							6 ³⁰ Let go and set sails
6							
7	32		SE	SSW			7 ⁴⁰ Nichols Hill abm Ship's Head SE (Sep)
8	34		"	"			Mod breeze weather cloudy
9			242	"			10 ¹⁰ Let square sails. 10 ³⁵ Let go hawsers
10	51		"	"			11 ⁰⁰ Sounded 12 fm water.
11							12 ⁰⁰ Noon calm cloudy
12			East	Calm			Master <i>C. Carlson</i> Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.		58-12 N	158-12 W	p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							Light variable wind from the North
4	6		SSW	N		6 E	Weather cloudy
5							
6							
7							
8	17		SSW	NNE			Light breeze overcast misty
9							
10							Light lookout and precaution as to fire etc.
11							Light changeable wind overcast & misty
12	20		SSW	NNE			Master _____ Mate

Log of the *Star of India* from *Nashagah* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Thursday	Aug 29 1918
1									
2									
3									
4	22		SSW	NNE		6°E	Mid breeze overcast & raining		
5							4 ⁴⁵ Took in fore and main gallant sails		
6									
7									
8	21		SW	W		4°E	Fresh breeze overcast and raining		
9									
10									
11									
12	19		SE & S	SW		2°W	12 ⁰⁰ Light breeze, cloudy weather		
Dist. by Log		Course and Distance		Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
103		Acc.		S 36° W		159 45 M	a. m.	a. m.	
		Obs.			57° 01' N		Noon	Noon	
							p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1								
2							1 st Lt. fine and main gallant sail	
3								
4	12		SE & S	SW	14	2° W	Light breeze fine clear weather	
5							5 ¹⁵ Tacked ship	
6								
7								
8							Calm and light variable air.	
9							Light lookout & sounding at 5	
10								
11							2 nd Midnight calm cloudy	
12				Calm				
							Master	Mate

Calum Master Mate

 Log of the *Star of India* from *Nashagah* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Friday	Aug 30 1918
1									
2									
3									
4	10		SW & S	NE		6°E	Light breeze, smooth sea, cloudy weather		
5									
6									
7									
8	18		SW & S	NE		6°E	Light breeze, smooth sea, cloudy weather		
9									
10									
11									
12	23		SW & S	NE		6°E	Light breeze, smooth sea, cloudy weather		
Dist. by Log		Course and Distance		Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
43		Acc.		S 48° W 57 M	55° 22' N 161° 04' W		a. m.	a. m.	
		Obs.					Noon	Noon	
							p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1								
2								
3								
4	36		SW & S	NE		6°E	4 ⁰⁰ Mod breeze overcast misty and raining at times	
5	43 1/2		" "	"			4 ⁴⁵ Took in Ruytail Mizzen staysail raton	
6							6 ⁰⁰ Fore and Main Royals	
7							7 ¹⁵ Fore and Main gallant sails	
8	34		SW & S	E		1/2	Fresh breeze and squally	
9							8 ⁰⁰ Took Mizzen staysail raton	
10							10 ¹⁵ Took in fore and Main upper topsails	
11							Mid gale thick misty weather rough sea	
12	34		SW & S	SE		1/4		
							Master	Mate

Calum Master Mate

Log of the Star of India from Nushagak towards San Francisco

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							1 st Sunday
2	2		SW x S	SE	1/2	6° E	
3							
4	9		SW x N	SE	1/2		11 ⁰⁰ Wind and sea moderating.
5							
6							
7							7 ⁰⁰ Set Main Staysail and Main upper topsail
8	18		SW x N	SE	1/2	5° E	8 ⁰⁰ Mod breeze clear weather choppy sea
9							8 ⁰⁰ Set fore upper topsail
10							
11							12 ⁰⁰ Mod breeze clear weather small sea
12	12		SW x S 1/2 S		1		Master C. J. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
161	Acc.						
	Obs.	88° 14' N	138° 14' W	56° 12' N	165° 11' W		

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	17		S x E	NNE	1/2	1° E	Mod breeze overcast and misty weather
5							5 ⁰⁰ Look in fore and Main gallantsails
6	18		SSE				6 ⁰⁰ Look in fore and Main upper topsails
7							inner jib & Main topmast staysail
8	5		SE x S 1/2 S	SENE	1/2	2° N	Fresh breeze overcast & raining
9							7 ⁰⁰ Sprinkled 65° lat. water bottom grey mud
10							light & choppy and breezes set to
11							12 ⁰⁰ Strong to mod breeze weather thick and threatening
12	5		SSW	SE	2	6° E	Master Mate

Log of the Star of India from Nushagak towards San Francisco

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							1 st Sunday
2							
3							
4	10		SW x S	SE	2	6° E	Strong to mod breeze squally choppy head sea
5							
6							
7							
8	12		SW x S 1/2 S	SE	2	6° E	8 ⁰⁰ No change to note
9							
10							
11							12 ⁰⁰ Overcast & raining fresh breeze
12	12		SW x S 1/2 S	SE	2	6° E	Master C. J. Carlson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
79	Acc.	86° 31' N	76° 04' W	55° 36' N	167° 14' W		
	Obs.						

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	9		SW x N 1/2 W	SSE	2	5° E	4 ⁰⁰ Mod breeze overcast & misty weather Head sea
5							
6							7 ⁰⁰ Wind hauling SW. wave ships
7	8		N x W	SENE	2	4° E	7 ³⁰ Set Main upper topsail Main topmast staysail and outer jib
8							
9							7 ³⁰ Set fore upper topsail
10	14		E x S	SSW		3° N	Light look out. Soundings and precaution as to 2 nd 1/4
11							12 ⁰⁰ Mod breeze overcast. Mod sea
12	11		ESE	SSW		5° N	Master Mate

Log of the *Star of India* from Nushagak towards San Francisco

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Monday Sept 2nd 1918
2							130 Set Main gallant sail
3							100 Light to moderate breeze
4	21		ESE	SSW	1/2	5°N	overcast and misty weather
5							
6							600 Set Main sail fore gallant sail Main
7							royal and Mizzen mast topgallant
8	24		SE-ESE	SSW	1/2	4°N	Light breeze smooth sea overcast & misty
9							800 Set fore royal and Roushank
10							
11							1200 Light breeze cloudy
12	24		SE-ESE	SN		4°N	M. Marzan Master C. J. Carlsby Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
111 1/2	Acc.			a. m.	a. m.	a. m.	
	Obs.	52° 5' 58" N	167° 35' N	Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							120 Sounded 280 fathoms no bottom by 75
2	9		ESE	SN		5°N	
3							330 Sounded 290 fathoms no bottom by 80
4	10		E x S x S	WSW		4°N	400 Light breeze overcast and cloudy
5	4		E x S			3°N	
6							
7							800 Light steadily breeze from the westward
8	13		E x S	West		2°N	overcast and misty weather
9							Light look out and soundings set out to
10							1200 Midnight Scotch cap light breeze NE-E x E
11							Set about 10 miles. Light NW wind cloudy
12	13		E x N	WNW		1°N	Master Mate

Log of the *Star of India* from Nushagak towards San Francisco

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Tuesday Sept 3rd 1918
2	10		E x S		3	3°N	140 Scotch cap light breeze bearing N x E 4 miles
3	14		ESE			5°N	
4	10		ESE	NN		5°N	Light NW wind partly clear
5							
6							
7							
8	19		ESE	NW		5°N	Light NW cloudy
9							
10							
11							1200 Clear weather light breeze smooth sea
12	15		ESE	NN		5°N	M. Marzan Master C. J. Carlsby Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
107 1/2	Acc.			a. m.	a. m.	a. m.	
	Obs.	53° 57' N	163° 45' N	Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	12		E x S	WNW		3°N	400 Light air weather cloudy sea smooth
5							
6							
7							
8	10		E x S	NW		3°N	800 No change to note
9							Light look out & soundings set to
10	4		E x S	NNE		3°N	
11							Light air from the NE sea the cloudy
12	6		ESE	NE		5°N	Master Mate

Log of the *Star of India* from Nushagak towards San Francisco

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS																																
1							Wednesday Sept 4th 1918																																
2																																							
3																																							
4	27		ESE	NE		5°N	Light to moderate breeze weather overcast																																
5																																							
6																																							
7																																							
8	28		ESE	NE		5°N	Wind breeze smooth sea weather cloudy																																
9																																							
10							1100 Took in Bay tail Dredge display sail for and																																
11							haul royal. Fresh breeze smooth sea thick raining																																
12	33		ESE	NE		5°N	W. Morgan Master C. J. Carlson Mate																																
<table border="1"> <tr> <th>Dist. by Log</th><th>Course and Distance</th><th>Latitude</th><th>Longitude</th><th>Barometer</th><th>Thermometer</th><th>Inches in the Well</th><th>Bearing and Distance</th></tr> <tr> <td>120.0</td><td>Acc. S 59° E 118.9 mi</td><td>52° 50' N</td><td>160° 58' W</td><td>a. m.</td><td>a. m.</td><td>a. m.</td><td></td></tr> <tr> <td></td><td></td><td></td><td></td><td>Noon</td><td>Noon</td><td>Noon</td><td></td></tr> <tr> <td></td><td></td><td></td><td></td><td>p. m.</td><td>p. m.</td><td>p. m.</td><td></td></tr> </table>								Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance	120.0	Acc. S 59° E 118.9 mi	52° 50' N	160° 58' W	a. m.	a. m.	a. m.						Noon	Noon	Noon						p. m.	p. m.	p. m.	
Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance																																
120.0	Acc. S 59° E 118.9 mi	52° 50' N	160° 58' W	a. m.	a. m.	a. m.																																	
				Noon	Noon	Noon																																	
				p. m.	p. m.	p. m.																																	
7 Days out																																							

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	36		E+S	NE		3°N	Light breeze thick misty and raining
5							
6							
7							
8	18		E+S	NE		3°N	Light breeze thick misty. smooth sea
9							
10							Light breeze and standing sea to
11							Calm thick misty and foggy all times
12	1		E+S	Calm		3°N	Master Mate

Log of the *Star of India* from Nushagak towards San Francisco

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS																																
1							Thursday Sept 5th 1																																
2																																							
3							400 Calm and light air from the west																																
4	1		E+S	Calm		3°N	Thick misty weather																																
5																																							
6																																							
7							800 Light sky air and calm.																																
8	2		NE	SSE		1°W																																	
9							1000 Light sea and main rig set																																
10																																							
11							1200 No change to note																																
12	6		E+S	S		3°W	W. Morgan Master C. J. Carlson Mate																																
<table border="1"> <tr> <th>Dist. by Log</th><th>Course and Distance</th><th>Latitude</th><th>Longitude</th><th>Barometer</th><th>Thermometer</th><th>Inches in the Well</th><th>Bearing and Distance</th></tr> <tr> <td>72.0</td><td>Acc. S 62° E 67.0 mi</td><td>52° 21' N</td><td>159° 25' W</td><td>a. m.</td><td>a. m.</td><td>a. m.</td><td></td></tr> <tr> <td></td><td></td><td></td><td></td><td>Noon</td><td>Noon</td><td>Noon</td><td></td></tr> <tr> <td></td><td></td><td></td><td></td><td>p. m.</td><td>p. m.</td><td>p. m.</td><td></td></tr> </table>								Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance	72.0	Acc. S 62° E 67.0 mi	52° 21' N	159° 25' W	a. m.	a. m.	a. m.						Noon	Noon	Noon						p. m.	p. m.	p. m.	
Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance																																
72.0	Acc. S 62° E 67.0 mi	52° 21' N	159° 25' W	a. m.	a. m.	a. m.																																	
				Noon	Noon	Noon																																	
				p. m.	p. m.	p. m.																																	
8 Days out																																							

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	18		E+S	SSW		3°N	400 No change to note
5							
6							600 Took in main sail
7							
8	17		E+S	SSW		3°N	800 Light to med breeze cloudy weather
9							
10							
11							1200 Wind light No change to note
12	19		E+S	SSW		3°N	Master Mate

Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Friday</i>
2							
3							
4	16		E x S	S		5° N	4 ⁰⁰ Light breeze smooth sea cloudy weather
5							
6							6 ⁰⁰ At Main sail and Night top sail
7							
8	20		E x S	SSW		5° N	8 ⁰⁰ No change to note
9							
10							
11							12 ⁰⁰ Fine clear weather light breeze sea smooth
12	22		E x S	SSW		3° N	Master <i>C. J. Carlson</i> Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
112.8	Acc.			a. m.	a. m.	a. m.	
	Obs.	56° E 112.8 m	51° 25'	156° 48' N	Noon	Noon	
					p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	33		E 1/2 S	SSW		2° W	4 ⁰⁰ Mod breeze cloudy
5							
6							6 ¹⁵ Took in fore and main royals
7							Main sail and Night top sail
8	38		E 1/2 S	South		2°	Fresh breeze squally
9							
10							Light fore and aft & stunsails all to
11							12 ⁰⁰ Midnight. No change
12	38		E x S	SSW		3° N	Master _____ Mate

Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Saturday</i>
2							
3							
4	34		E x S	SSW		3° N	Fresh breeze squally Mod sea
5							5 ⁰⁰ Set Main sail fore and main royals
6							and Night top sail
7							
8	37		E x S	SSW		3° N	8 ⁰⁰ Light breeze smooth sea passing clouds
9							
10							
11							2 ⁰⁰ Light breeze fine clear weather
12	29		E x S	SSW		3° N	Master <i>C. J. Carlson</i> Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
205.8	Acc.			a. m.	a. m.	a. m.	
	Obs.	56° E 120.9 m	50° 02'	151° 23' N	Noon	Noon	
					p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	31		E 1/2 S	S		1/4 2° W	4 ⁰⁰ No change to note
5							
6							
7							
8	28		E 1/2 S	S		1/4 2° W	8 ⁰⁰ Fresh breeze
9							Light fore and aft and main royals all to
10							
11							12 ⁰⁰ No change
12	24		E x N	SSW		1/4 1° N	Master _____ Mate

Log of the *Star of India* from Nushagak towards San Francisco

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS																																
1							<i>Sunday Sept 8 to 1918</i>																																
2																																							
3																																							
4	28		E-N	SSE	1/4	1° N	Light breeze from calm weather smooth sea																																
5																																							
6																																							
7																																							
8	29		ENE	SSE	1/4	0	8° No change																																
9																																							
10																																							
11							12° Mod breeze smooth sea weather hazy																																
12	29		ENE	SSE	1/4	0	Master <i>C. J. Carlson</i> Mate																																
<table border="1"> <tr> <th>Dist. by Log</th><th>Course and Distance</th><th>Latitude</th><th>Longitude</th><th>Barometer</th><th>Thermometer</th><th>Inches in the Well</th><th>Bearing and Distance</th></tr> <tr> <td>169 1/4</td><td>Acc.</td><td></td><td></td><td>a. m.</td><td>a. m.</td><td>a. m.</td><td></td></tr> <tr> <td></td><td></td><td></td><td></td><td>Noon</td><td>Noon</td><td>Noon</td><td></td></tr> <tr> <td></td><td>Obs.</td><td>57° E 167 m</td><td>49° 29' N 147° 08' W</td><td>p. m.</td><td>p. m.</td><td>p. m.</td><td>11 Days out</td></tr> </table>								Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance	169 1/4	Acc.			a. m.	a. m.	a. m.						Noon	Noon	Noon			Obs.	57° E 167 m	49° 29' N 147° 08' W	p. m.	p. m.	p. m.	11 Days out
Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance																																
169 1/4	Acc.			a. m.	a. m.	a. m.																																	
				Noon	Noon	Noon																																	
	Obs.	57° E 167 m	49° 29' N 147° 08' W	p. m.	p. m.	p. m.	11 Days out																																

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							2° Took in Ring Tail Night Hawk and flying jels
3							
4	33		ENE	SSE	1/4	0	4° No change
5							5° Took in Mainsail fore and Main royal
6							
7							
8	33		ENE	SSE	1/4	0	8° Fresh to mod breeze. Squally
9							
10							11° Took in fore and Main upper topsails
11							12° Fresh breeze squally choppy sea
12	34		E 1/4 N	SSE	1/4	0	Master _____ Mate

Log of the *Star of India* from Nushagak towards San Francisco

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS																																
1							<i>Monday Sept 9 to 1918</i>																																
2																																							
3																																							
4	26		E 1/4 N	S	1/2	1° N	4° Fresh breeze cloudy small sea																																
5																																							
6																																							
7																																							
8	29		E 1/4 N	S	1/2	1° N	8° No change																																
9																																							
10																																							
11							12° Fresh to moderate breeze thick raining choppy																																
12	27		E 1/4 N	S	1/2	1° N	Master <i>C. J. Carlson</i> Mate																																
<table border="1"> <tr> <th>Dist. by Log</th><th>Course and Distance</th><th>Latitude</th><th>Longitude</th><th>Barometer</th><th>Thermometer</th><th>Inches in the Well</th><th>Bearing and Distance</th></tr> <tr> <td>182</td><td>Acc.</td><td>S 85° E 181 m</td><td>49° 15' N 142° 33' W</td><td>a. m.</td><td>a. m.</td><td>a. m.</td><td></td></tr> <tr> <td></td><td></td><td></td><td></td><td>Noon</td><td>Noon</td><td>Noon</td><td></td></tr> <tr> <td></td><td>Obs.</td><td></td><td></td><td>p. m.</td><td>p. m.</td><td>p. m.</td><td>12 Days out</td></tr> </table>								Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance	182	Acc.	S 85° E 181 m	49° 15' N 142° 33' W	a. m.	a. m.	a. m.						Noon	Noon	Noon			Obs.			p. m.	p. m.	p. m.	12 Days out
Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance																																
182	Acc.	S 85° E 181 m	49° 15' N 142° 33' W	a. m.	a. m.	a. m.																																	
				Noon	Noon	Noon																																	
	Obs.			p. m.	p. m.	p. m.	12 Days out																																

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	26		E 1/4 N	S	1/2	1° N	4° No change to 8°
5							
6							
7							
8	26		E 1/4 S	S	1/2	2° N	8° Fresh to mod breeze overcast by SW by dark
9							Light lookout and usual routine etc to
10							
11							12° Midnight no change
12	25		E 1/4 S	S	1/2	2° N	Master _____ Mate

Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Day	Year
1									
2									
3							40° Thick haze overcast weather		
4	24		E x S	S	1/2	3° N	Silly swell		
5									
6									
7									
8	27		E x S	S	1/2	3° N	8° No change		
9							90° S. Mainmast and Main gallant sail		
10							Mid breeze smooth sea		
11							Weather hazy		
12	26		E x S	S	1/2	3° N			

Master *C. J. Carlson* Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
154.9	Acc.			a. m.	a. m.	a. m.	
	Obs.	S 70° E 19.2 M	48° 11' N	137° 53' W	13 Days out		

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Day	Year
1									
2							130 S. for top gallant sail		
3									
4	24		E x S	S	1/4	3° N	4° Light breeze smooth sea cloudy weather		
5									
6									
7									
8	24		E 1/2 S	S	1/4	3° N	8° No change to note		
9							Light breeze smooth sea at 11		
10							12° Sun bright light breeze smooth sea overcast & misty		
11									
12	22		E x S	S	1/4	3° N			

Master _____ Mate

Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Day	Year
1									
2									
3									
4	25		ESE	SSW	1/4	5° W	40° Light breeze smooth sea weather misty		
5									
6									
7									
8	20		SE 1/2 E	SW	1/4	5° W	8° No change to note		
9									
10									
11							12° Light breeze smooth sea passing clouds		
12			SE 1/2 E	SW	1/4	5° W			

Master *C. J. Carlson* Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
136	Acc.			a. m.	a. m.	a. m.	
	Obs.	S 53° E 13.0 M	46° 52' N	135° 27' W	14 Days out		

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Day	Year
1									
2									
3									
4	19		ES 1/2 E	SSW	5°	4°	Light air cloudy		
5									
6									
7									
8	16		SE 1/2 E	SSW	5°	8°	No change		
9									
10							Calm and light air from the SW thick misty weather smooth sea		
11									
12	13		ES 1/2 E	SSW	5°	5°			

Master _____ Mate

Log of the *Star of India* from *Nushagak* towards *San Francisco* Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Thursday Sept 12 1918
2							
3							
4	15		ESE	SSH		5°N	Calm and light air sea smooth
5							Thick misty and foggy at times
6							
7							
8	16		ESE	SSH		5°N	8° No change
9							
10							
11							12° No change
12	15		ESE	SSH		5°N	Master Mate
Dist. by Log Course and Distance Latitude Longitude Barometer Thermometer Inches in the Well Bearing and Distance							
95	Acc.	S 49° E 95 m		45° 50'	133° 44' W	a. m.	a. m.
						Noon	Noon
	Obs.					p. m.	p. m.
15 Days out							

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1								
2								
3								
4	6		SE 1/2 E	calm		5°N	Calm and light variable air. Weather thick misty and foggy at times	
5								
6								
7								
8	9		SE 1/2 E	1/2 NW		5°W	Light air clear weather	
9								
10								
11							Light air calm and foggy	
12	5		SE 1/2 E	calm		5°W		Master Mate

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
							Friday Sept 13 1918
1							
2							
3							Calm & light air from the NW
4	9		SE 1/2 E	NW		5°	Thick misty and foggy over the
5							
6							
7							
8	8		SE 1/2 E			5° W 80°	No change
9							
10							
11							12° Light breeze misty & passing fog
12	13		SE 1/2 E			5° W	Master C. J. Mackintosh Mate
Dist. by Log							
Course and Distance		Latitude		Longitude		Barometer	Thermometer
Inches in the Well		Bearing and Distance					
a. m.		a. m.		a. m.			
Noon		Noon		Noon			
p. m.		p. m.		p. m.			
16 Days out							

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1								
2								
3								
4	14		SE 1/2 E	NW		4°W	Light breeze smooth sea cloudy	
5								
6								
7								
8	22		SE 1/2 E	NW		4°W	Light to mod breeze. Thick misty and foggy at times	
9							Light lookout. Headings all to	
10							12° No change.	
11								
12			SE 1/2 E	NW		4°W		Master Mate

Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Saturday Sept 14 1918</i>
2							
3							
4	21		SE 1/2 E	NW	4°W	4°	Light breeze smooth sea thick misty weather
5							
6							
7							
8	25		SE 1/2 E	NW	4°W	4°	Light breeze cloudy passing mist
9							
10							
11							12° No change
12	24		SE 1/2 E	NNW	1°W	1°	Master <i>C. J. Carlson</i> Mate
Dist. by Log							
Course and Distance							
Latitude							
Longitude							
Barometer							
Thermometer							
Inches in the Well							
Bearing and Distance							
Acc.							
Obs.							
124 m S 39° E 131 m 143° 25' 130° 57' 17 Days out 3142							

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	27		E 1/2 S	NNW			Light breeze clear weather
5							
6							
7							
8	27		E 1/2 S	N			8° No change
9							
10							
11							12° No change
12	25		E 1/2 S	N			Master Mate

Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Sunday Sept 15 1918</i>
2							
3							
4	27		E 1/2 S	N			Light breeze cloudy
5							
6							
7							
8	29		E 1/2 S	N			8° No change
9							
10							
11							12° No change
12	28		E 1/2 S	N			Master <i>C. J. Carlson</i> Mate
Dist. by Log							
Course and Distance							
Latitude							
Longitude							
Barometer							
Thermometer							
Inches in the Well							
Bearing and Distance							
Acc.							
Obs.							
163 m S 49° E 163 m 41° 36' 128.13 18 Days out							

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	37		E 1/2 S	N			4° Mod breeze & small sea Weather overcast.
5							
6							
7							
8	35		E 1/2 S	N			8° No change
9							
10							Light lookout & sounding g. etc. to
11	25		E 1/2 S				12° Mod breeze thick misty weather
12	7		SE 1/2 E	N			Master Mate

Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	29		SE 1/2 E	N			Light breeze thick misty weather
5							
6							
7							
8	29		SE 1/2 E	N			8 ⁰⁰ No change
9							
10							
11	14		SE 1/2 E				12 ⁰⁰ Light breeze overcast & misty
12	6		E 1/2 S	N			Master <i>C. J. Carlson</i> Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
181	Acc. S 53 E 182.04	39 44 N	125 05 W	a. m.	a. m.	a. m.	
	Obs.			Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	35		ESE	N			Light breeze overcast & misty
5							
6	10		ESE				
7							
8	8		SE 1/2 E	N			8 ⁰⁰ No change
9							8 ⁴⁵ Sounded 240 fathoms wire on bottom
10							Light lookout & foggy weather at 5
11							12 ⁰⁰ Light breeze thick misty & foggy
12	22		SE 1/2 E	NNW			Master _____ Mate

Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							Light breeze smooth sea
4	23		SE 1/2 E	NW			Thick misty and foggy at times
5							
6	14		SE 1/2 E	NW			6 ⁴⁰ Cleared up Mainmast & fur and
7							Main royals Hove to Heading SW
8							Thick fog
9	1		SW	NW			9 ⁰⁰ Squared off weather clearing
10							Slightly
11							12 ⁰⁰ Light breeze misty
12	15		E 1/2 N	NW			Master <i>C. J. Carlson</i> Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
128 1/2	Acc. S 37 E 105.4	38 20 N	123 44 W	a. m.	a. m.	a. m.	
	Obs.			Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	16		E 1/2 S	NW			4 ⁰⁰ Light breeze smooth sea thick misty
5							5 ⁴⁵ Sounded 60 fathoms water gear sound lot
6							6 ⁴⁰ Sounded 65 fathoms water gear sound lot
7							
8	6			NW			8 ⁰⁰ No change. Sounded 58 fathoms water
9							Light variable air misty and foggy
10							9 ³⁰ Picked up Point Reyes fog white bear
11							12 ⁰⁰ Calm & light SW by air thick misty
12	4			SW			Master _____ Mate

Log of the *Star of India* from Nushagak towards San Francisco

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Wednesday Sept 18 th 1918
2							
3							
4	2		ESE	SW			Light-Variable air Thick misty weather
5							
6							7 ¹⁵ New Ship.
7	2		ESE				8 ⁰⁰ P. Reyes NW & N 3 1/2 miles
8	1		W SW	S			Light air thick misty
9							
10							
11							12 ⁰⁰ Noon No change
12	9		W SW	S			Master <i>C. J. Carlson</i> Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
40 m	Acc. 849 E 39 m	37° 54' N	123° 11' W	a. m.	a. m.	a. m.	13 ⁰⁰ P. Reyes NE & N 5 1/2 miles
	Obs.			Noon	Noon	Noon	5 1/2 miles
				p. m.	p. m.	p. m.	21 Days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	2		W SW	S			4 ⁰⁰ Light air somewhat misty
5							4 ³⁰ Bout Ship
6							
7							
8	8		E & S	SSW			Light air cloudy
9							
10							
11							12 Thick misty
12	9		East	SSW			Master Mate

Log of the *Star of India* from Nushagak towards San Francisco

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Thursday Sept 19 th 1918
2	5		E				14 ¹⁵ Bout Ship
3							
4	2		W SW				Light air thick misty weather
5	2		E & S				
6							
7							
8							8 ²⁰ Was taken in tow by tug Intrepid
9							13 ⁰⁰ Let go anchor of Black pt. Start anchor 25 ft chain
10							Naval guard and custom officer aboard.
11							4 ⁰⁰ All of crew ashore
12							Master Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
	Acc. End of Passage			a. m.	a. m.	a. m.	22 days for Nushagak
	Obs.			Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Friday Sept 20 th 1918
2							9 ⁰⁰ Hove up anchor and was taken in tow by
3							tug Sea Prince. 10 ⁰⁰ Let go anchor on Kuskokwim
4							flat Start anchor 30 ft chain
5							
6							
7							
8							
9							
10							
11							
12							Master Mate

Log of the from towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Master Mate

Log of the from towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Master Mate

Log of the *Star of India* from *San Francisco* towards *Nushagak*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1							8 Am. all fishermen on board	
2							8 ³⁰ let go all lines and proceeded to sea	
3							in tow of <i>Intrepid</i> . 10 ⁴⁵ am let all sails	
4							11 ³⁵ let go hove in. Light ship bar NE ^E E	
5							Ship's head SW dist 8 am With i take my departure	
6							Lat 37-42 N Long 122-40 W.	
7								
8								
9								
10								
11								
12							W. Marzan Master J. Thomsen Mate	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1							Very light Wind from SE to SW	
2							and later calm	
3							2 ⁴⁵ Pm Pt. Reyes bore NW 3/4 W	
4							Point Bonita bore NE x N 1/2 N	
5							Karallon bore W x S 1/2 E	
6							Light Westerly sea	
7								
8								
9							Lights Lookout pumps attended to	
10								
11								
12							Master J. Thomsen Mate	

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1							Calm vessel not steering	
2							1 am Karallon bearing NW 1/2 N	
3							Montera NE 1/2 E	
4							2 am take sounding 20 fath water	
5							Light ice and calm	
6							Position at noon 37-28 N 123-19 W	
7								
8								
9								
10								
11								
12							W. Marzan Master J. Thomsen Mate	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.	S 61 W 26 m	37-28	123-19 W	a. m.	a. m.	a. m.	
				Noon 30.80	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1								
2							Light SE Long SW swell clear	
3								
4	6		W 1/2 N	SE	1/2	1'E	8 am Karallon bore ENE	
5							dist 2 1/2 miles	
6	4		" "					
7								
8	14		W 3/4 S	South	"	0		
9							Lights Lookout Pumps	
10							attended to	
11								
12	19		" "	"	"	0	Master J. Thomsen Mate	

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							Light Southerly breeze Cloudy Westward swell.
4	23		W 3/4 S	South	3/4	0	
5							
6							
7							
8	29		- -	-	-	0	
9							
10							
11							
12	15		- -	-	-	0	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
110 m	Acc. N 61° W 100 m	38-16	125-10	a. m. 29.97	a. m. Noon	a. m. Noon	
	Obs.			p. m. 2 days out	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	18		West	South	1/2	1° E	
5							
6							6° made fast Tlayen Tib mizzen staysail Bingsail Fresh Breeze.
7							
8	14		-	-	-	1° E	
9							
10							Light Lookout pumps attended to
11							
12	22		-	-	-	1° E	

Master *T. Tondson* Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							Strong southerly Wind
4	20		West	South	1	1° E	2° made fast fore and main Royals.
5							3° made fast Gallant sails
6							Wind increasing heavy rain squalls
7							4° made fast main sail
8	17		-	-	-	-	
9							
10							
11							
12	19		-	-	-	-	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
110 m	Acc. N 60° W 110 m	39-15	127-05	a. m. 29.96	a. m. Noon	a. m. Noon	
	Obs.			p. m. 3 days out	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4	19		West	South	1/2	1° E	
5							
6	11		W 1/2 N	-	-	0	
7							
8	14		-	-	-	-	
9							
10							Light Lookout attended pumps
11							
12	25		West	-	-	1° E	

Master *T. Tondson* Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							Strong Southerly Breeze
4	31		West	South	1/2	1°E	
5							
6							6° Wind hal round to
7							the Wester blowing strong.
8	26		NNW	West	1	6°W	
9							
10							
11							
12	18		NW 1/2 N			4°W	W. Marzan Master J. Trondsen Mate
Dist. by Log							
Course and Distance							
Latitude							
Longitude							
Barometer							
Thermometer							
Inches in the Well							
Bearing and Distance							
144m Acc. N 45° W 120m							
40-50 129-06							
p. m. 4 days out							

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							Fresh Westerly Breeze passing
4	18		11W 1/2 W	West	1	3°	rain squall head sea
5							
6							
7							
8	14		NW 1/2 W	SW	1	0	
9							
10							Lights Lookout pumps
11							attended to
12	8		WNW			2°W	Master J. Trondsen Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							Moderating set Gallant sails
4	17		NW 1/2 W	SW	1	0	mainsail
5							Light Breeze set all sails
6							
7							
8	10		NW 1/2 W		1	0	
9							
10							
11							
12	6		WNW		1	2°W	W. Marzan Master J. Trondsen Mate
Dist. by Log							
Course and Distance							
Latitude							
Longitude							
Barometer							
Thermometer							
Inches in the Well							
Bearing and Distance							
73m Acc. N 31° W 70m							
42-01 129-58							
p. m. 5 days out							

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Light SW Breeze Westerly swell
3							Glean
4	10		NW 1/2 W	SW	1	0	
5							
6							
7							Lights Lookout pumps
8	11						attended to.
9							Midnight Calm
10							
11							
12	4		North	Calm			Master J. Trondsen Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay.*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Monday</i>
2							
3							<i>Balm Westerly swell</i>
4							<i>Clear</i>
5							<i>Vessel not steering.</i>
6							
7							
8							
9							<i>1st Cook Ailand commenced to</i>
10							<i>work being of date from time</i>
11							<i>of leaving Apr 15</i>
12							<i>W. Morgan Master J. Henderson Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
25 m	Acc.			a. m.	a. m.	a. m.	
	Obs.	N 25° W 19 m	42-19	Noon 50.30	Noon	Noon	
			130-04	p. m. 6 days out	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							<i>Light air from the West</i>
3							<i>More ships Log 94</i>
4	2		South	W S W	1	2° E	
5							
6							
7							<i>Lights Lookout pumps attended to</i>
8	1		S x W		1		
9							
10							<i>Midnight Variable Winds and</i>
11							<i>Balm.</i>
12	1		N W	S W	1	4° W	<i>Master J. Henderson Mate</i>

Log of the *Star of India* from *San Francisco* towards *Bristol Bay.*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Tuesday</i>
2							
3							<i>Balm and Variable Winds</i>
4							<i>Log in.</i>
5							
6							
7							
8							
9							
10							
11							
12							<i>W. Morgan Master J. Henderson Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
	Acc.			a. m.	a. m.	a. m.	
	Obs.	South 16 m	42-06	Noon 30-29	Noon	Noon	
			130-04	p. m. 7 days out	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Light S W Clear smooth sea</i>
2							
3							
4	1		S S E	S W	1	0° E	
5	1		S E x S				<i>Tacked Vessel Log 5 Variable Winds</i>
6	4		N N W	W S W	1		
7							
8	3		N W	S W	1/2	4° W	<i>Midnight moderate Breeze</i>
9							<i>misty smooth sea.</i>
10							<i>Lights Lookout pumps attended to.</i>
11							
12	13		W x N	S S W	1/2	0	<i>Master J. Henderson Mate</i>

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Wednesday Apr 23 ^d 1919
2							Light Breeze & Clear Weather
3							smooth sea.
4	18		WNW	SW x S	1/2	2°W	
5							
6							10 ⁰⁰ Wind shifted to WNW
7							Tacked ships Log 64
8	10		NW 1/2 W	SW	1/2	0	
9							
10	8		North	West	1/2	4°W	
11							
12	8		SSW	WNW		6°E	W. Morgan Master Mate
Dist. by Log							
73	Course and Distance		Latitude	Longitude	Barometer	Thermometer	Inches in the Well
Acc.					a. m.	a. m.	
Obs.	Co NY 40m		42-38N	130-46W	Noon 30.10	Noon	Noon
					p. m.	p. m.	p. m.

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Fresh NW Squally mod sea
3							all sails set
4	20		SW x S 1/2 S	WNW	1/2	0	
5							
6	12		SW	NW	1/2	6°E	
7							
8	16		SW x S			0	
9							Lights Lookout pumps attended to
10							Midnight moderate Breeze
11							head sea.
12	26						Master Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Thursday Apr 24 th 1919
2							Gentle Breeze overcast
3							head sea.
4	23		SW 1/2 S	NW	1/2	5°E	
5							
6							
7	19		SW			6°E	
8							
9							
10							
11							
12	17		SW 1/2 S			5°E	W. Morgan Master Mate
Dist. by Log							
133	Course and Distance		Latitude	Longitude	Barometer	Thermometer	Inches in the Well
Acc.					a. m.	a. m.	
Obs.	264°W 105m		41-52N	132-50W	Noon 30.40	Noon	Noon
					p. m.	p. m.	p. m.

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							Light NW Breeze Cloudy
4	18		SW 1/2 S	NW	1/2	6°E	Whistly swell.
5							
6	9						
7							
8	6		SW x S				Lights Lookout pumps attended to
9							
10							Midnight no change to note.
11							
12	13						Master Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Friday Apr 25 th /919
2							Light air and overcast
3							Wistfully swell
4	15		S S W	W N W	1/2	6° E	all sails set.
5							
6							
7							
8	9		S' W x S'	✓	✓	✓	
9							
10							
11							
12	2		S x W 1/2 W	West		5° E	W. Marran Master L. Trondson Mate
Dist. by Log							
Course and Distance							
Latitude							
Longitude							
Barometer							
Thermometer							
Inches in the Well							
Bearing and Distance							
72	Acc.		S 53° W 73 m	41-08	134-08	a. m. 30-70	a. m. Noon
	Obs.					p. m. 10 days out	p. m.

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Light Westerly Breeze
3							overcast smooth sea
4	12		South	West	1/2	2° E	
5							
6	6		S x E	✓	✓	1° W	
7							
8	8		S 1/2 W	✓	✓	3° E	Light Lookout pumps attended to.
9							
10							
11							
12	17		✓	✓	✓	✓	Master L. Trondson Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Saturday Apr 26 th /919
2							
3							Balm and light air from the
4	9		S x W	West	1/2	4° E	Water clear smooth sea
5							all sails set
6							
7							
8	14		S 1/2 E	✓	✓	1° W	
9							
10							
11							
12	7		South	✓	✓	1° E	W. Marran Master L. Trondson Mate
Dist. by Log							
Course and Distance							
Latitude							
Longitude							
Barometer							
Thermometer							
Inches in the Well							
Bearing and Distance							
73	Acc.						a. m. Noon
	Obs.		S 45° W 105 m	39-51 N	135-76	Noon 30, 20	Noon
						p. m. 11 days out	p. m.

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Light Westerly Breeze
3							clear smooth sea
4	15		S x W	West	1/2	3° E	
5							
6							
7							Light Lookout pumps attended to.
8	5		✓	✓	✓	✓	
9							
10							Midnight Balm
11							
12			Balm				Master L. Trondson Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Sunday Apr 27th 1919</i>
2							
3							<i>Light SW Breeze smooth sea.</i>
4	11		NW x W 1/2 W	SW	1/2	1° W	
5							<i>Sent down fore royal yard</i>
6							<i>broke in the middle</i>
7							
8	18		NNW			6° W	
9							
10							
11							
12	8		WNW			2° W	<i>W. Marran Master J. Thomsen Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
97	Acc.			a. m.	a. m.	a. m.	
	Obs.	N 61° W 27 m	40-05	136-16	Noon 30.2	Noon	
					p. m. 12 days out	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							<i>Fresh SW Breeze clear mod sea.</i>
3							
4	25		W x N 1/2 N	SW	1/4	1° W	
5							
6	14						
7							<i>Lights Lookout pumps attended to</i>
8	16		WNW			2° W	
9							<i>Fresh breeze misty lashed ship</i>
10	10						<i>Log 79</i>
11							
12	14		N 1/2 W	West	1/2	4° W	<i>Master J. Thomsen Mate</i>

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Monday Apr 28 1919</i>
2	3		N 1/2 W	West	1/2	4° W	<i>Light Westerly air and calm</i>
3							
4	7		S 1/2 W			3° E	
5							
6							
7							
8	2		SSW			6° E	
9							
10							<i>Calm Westerly swell</i>
11							
12							<i>W. Marran Master J. Thomsen Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
91	Acc.			a. m.	a. m.	a. m.	
	Obs.	N 45° W 75 m	40-56	137-21	Noon 30.30	Noon	
					p. m. 13 days out	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							<i>Light NE clear weather</i>
3							<i>Westerly swell</i>
4	4		W x S	NE	0	2° E	
5							
6	6		W x N			1° W	
7							
8	7						<i>Lights Lookout pumps attended to</i>
9							
10	7						<i>Midnight Wind hal to SE</i>
11							<i>misty</i>
12	14		W 1/2 N	SE			<i>Master J. Thomsen Mate</i>

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Tuesday Apr 29th 1919
2							Gentle Breeze from S E
3							Cloudy smooth sea
4	21		West	S E		1° E	all sails set
5							
6							
7							
8	20		-	-		-	
9							
10							
11							
12	18		-	-		-	

Master *J. Thompson* Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
97	Acc.			a. m.	a. m.	a. m.	
	Obs.	N 53 W 105 m	41-57	139-12	Noon 30.32	Noon	Noon
					p. m. 14 days out	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Light S E Breeze cloudy
3							smooth sea
4	26		W x S	S E		2° E	
5							
6	10		-	-		-	
7							Lights Lookout pumps attended to
8	9		-	-		-	
9							
10							
11							
12	18		-	-		-	

Master *J. Thompson* Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Wednesday Apr 30th 1919
2							Light southerly wind passing
3							fog smooth sea
4	19		West	S S E		1° E	
5							Cooks helped sick put a mexican
6							to work in Galley at 8 a.m.
7							Build a bunk in the Boatwains
8	15		-	-		-	locker for the sick man.
9							
10							
11							
12	12		-	-		-	

Master *J. Thompson* Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
109	Acc.			a. m.	a. m.	a. m.	
	Obs.	N 64 W 112	42-43 N	141-29 W	Noon 30.30	Noon	Noon
					p. m. 15 days out	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Light S E Wind hazy
3							smooth sea
4	12		West	S S E		0 1° E	
5						-	
6	6		-	-		-	
7							Lights Lookout pumps attended to
8	8		-	-		-	
9							
10							
11							
12	21		W x N 1/2 N	S S W		1° W	

Master *J. Thompson* Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Thursday May 1 st 1899
2							
3							Light S W Wind and misty
4	16		NW	SW	1/4	4°W	passing foggy smooth sea
5							all sails set
6							
7							
8	10		NW x N	WSW	L	5°W	
9							
10							
11							
12	4		WNW	L	1/4	2°W	W. Marran Master J. Tondan Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
77	Acc.			a. m.	a. m.	a. m.	
	Obs.	N 47° W 71 m	43-31	142-40	Noon 30.32	Noon	
					p. m. 16 days out	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Calm and foggy
3							smooth sea
4			calm				
5							
6							
7							
8			calm				
9							Midnight Light air from
10							East foggy
11							
12	4		W 1/2 N	East	1°W		W. Marran Master J. Tondan Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Friday May 2 nd 1899
2							
3							Light air from East foggy
4	6		West	East	1°E		smooth sea
5							all sails set
6							
7							
8	6		-	-	-	-	
9							
10							
11							
12	7		-	-	-	-	W. Marran Master J. Tondan Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
	Acc.			a. m.	a. m.	a. m.	
	Obs.	N 46° W 38 m	44-00	143-16	Noon 30.42	Noon	
					p. m. 17 days out	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Light Easterly Breeze Misty
3							smooth sea
4	15		W x S 1/2 S	East	3°E		
5							
6							
7							Lights Look out pumps attended to
8	21		-	-	-	-	
9							
10							
11							
12	20		-	-	-	-	Master J. Tondan Mate

Log of the *Star of India* from San Francisco towards Bristol Bay.

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Saturday</i>
2							
3							<i>Light Easterly Breeze Misty</i>
4	25		W x S 1/2 S	East		3° E	<i>smooth sea</i>
5							
6							
7							
8	25		" "	" "		" "	<i>Fresh Breeze passing mist</i>
9							
10							
11							
12	31		" "	" "		" "	<i>H. Marron Master J. Henderson Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
137	Acc.			a. m.	a. m.	a. m.	
				Noon 30.30	Noon	Noon	
	Obs. N 70° W 137 m	44-45	146-16	p. m.	18 days out	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							<i>Fresh Easterly Breeze</i>
3							<i>Weather misty</i>
4	29		W x S 1/2 S	East		3° E	<i>mod sea</i>
5							
6							
7							<i>Light Lookout pumps attended to</i>
8	28		" "	" "		" "	
9							
10							<i>Midnight no change to note</i>
11							
12	28		" "	" "		" "	<i>Master J. Henderson Mate</i>

Log of the *Star of India* from San Francisco towards Bristol Bay.

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Sunday</i>
2							
3							<i>Fresh Easterly Breeze misty</i>
4	29		W x S 1/2 S	E N E		3° E	<i>mod sea</i>
5							<i>all sails set</i>
6							
7							
8	28		" "	" "		" "	
9							
10							
11							
12	30		" "	" "		" "	<i>H. Marron Master J. Henderson Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
172	Acc.			a. m.	a. m.	a. m.	
				Noon 30.04	Noon	Noon	
	Obs. N 73° W 190 m	45-37 N	150-29 W	p. m.	19 days out	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							<i>Fresh N E Breeze heavy</i>
3							<i>moderate sea</i>
4	33		West	N E		1° E	
5							
6							<i>Light Lookout pumps attended to</i>
7							
8	33		" "	" "		" "	
9							
10							<i>Midnight no change to note</i>
11							
12	29		" "	" "		" "	<i>Master J. Henderson Mate</i>

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Monday May 5th 1919
2							Fresh Breeze mod sea
3							Weather hazy
4	27		West	NE	1°		all sails set
5							
6							
7							8 wind hal to South
8	25		"	SE	"		and East Weather hazy
9							
10							
11							
12	32		"	"	"		W. Marran Master J. Thomsen Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
179	Acc.			a. m.	a. m.	a. m.	
	Obs.	N 64° W / 80 m	46° 58'	154° 30'	Noon 30.80	Noon	
					p. m. 20 days out	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Fresh S E Breeze hazy mod sea
3							
4	36		West	SE	1° E		
5							6 Wind and sea increasing
6							Made fast small sails
7							and 1 mainsail.
8	40		"	"	"		Lights Lookout pumps attended to
9							
10	18		"	"	"		
11							
12	10		NW x N	SE	5° W		Master J. Thomsen Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Tuesday May 6th 1919
2							Fresh S W mod sea clear.
3							6 moderating set all sails
4	18		NW	SW	1/4	4° W	
5							
6							
7							
8	25		WNW	"	"	2° W	
9							noon fresh southerly Breeze
10							passing rain squall.
11							
12	32		W x N 1/4 N	South	1° W		W. Marran Master J. Thomsen Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
179	Acc.			a. m.	a. m.	a. m.	
	Obs.	N 77° W / 80 m	48° 55'	157° 39'	Noon 29.70	Noon	
					p. m. 21 days out	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Moderate Breeze passing
3							rain squall. heavy NW swell
4	27		W x N	SSW	1/4	2° W	
5							
6							
7							Lights Lookout pumps
8	26		W 1/2 N	"	"	1° W	attended to
9							
10							Midnight no change to note
11							
12	24		"	"	"	"	Master J. Thomsen Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Wednesday May 7 th 1919
2							Fresh Southerly Breeze
3							Long NW swell passing
4	28		W 1/2 N	South	1/2	1° W	rain squall
5							all sails set
6							
7							
8	24		N x N	-	-	2° W	
9							
10							
11							
12	28		-	-	-	-	W. Morrison Master J. Tronson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
157	Acc.			a. m.	a. m.	a. m.	
				Noon 29.60	Noon	Noon	
	Obs. 20 1/2 W 15 1/2 m	40-33	160-42	p. m. 22	p. m. 22	p. m. 22	Days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Fresh Southerly Breeze
3							passing rain squall
4	23		W x N	South	1/2	1° E	Long NW swell
5							
6							
7							
8	26		-	-	-	-	Lights Lookout Dumps attended to
9							
10							
11							
12	26		-	-	-	-	Master J. Tronson Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Thursday May 8 th 1919
2							Moderate Breeze snow squalls
3							Long NW swell
4	21		W x N	South	1/2	1° E	all sails set
5							
6							
7							
8	18		-	-	-	-	
9							
10							
11							
12	17		-	-	-	-	W. Morrison Master J. Tronson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
129	Acc.			a. m.	a. m.	a. m.	
				Noon 29.56	Noon	Noon	
	Obs. N 51° W 130 m	51-56	163-24	p. m. 23	p. m. 23	p. m. 23	Days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Light N E Breeze Squally
3							NW swell
4	20		NW 1/2 N	N E		4° W	
5							
6							
7							
8	23		-	-	-	-	
9							
10							
11							
12	20		-	-	-	-	Master J. Tronson Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Friday May 9th 1919
2							Light N E overcast
3							smooth sea
4	23		NW	NE		4°W	
5							
6							10 Wind hal to North
7							Tacked ships Log 47
8	23		W x N	North			Clear Weather smooth
9							
10	6		West			1°E	
11							
12	12		NE x N	NW		1°W	W. Marran Master E. Trondene Mate
Dist. by Log							
Course and Distance							
Latitude							
Longitude							
Barometer							
Thermometer							
Inches in the Well							
Bearing and Distance							
127							
Acc.							
Obs. N 65° W 6.8 m							
53-26							
165-08							
p. m. 24 days out							

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Fresh NW Breeze Clear
3							smooth sea
4	21		NE 1/2 N	NW		1/2	
5							
6	13		NE x N				Lights Lookout pumps
7							attended to
8	12		NN E			2°W	9 Tacked ships Log 9
9							Stood to the south and
10	3		N x E	west		3°W	west
11							
12	6		SSW			6°E	W. Marran Master E. Trondene Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Saturday May 10th 1919
2							4 Wind hal to SW
3							Tacked ships stood to the North
4	20		S x W 1/2 W	WNW		5°E	Light Breeze hazy smooth
5	2						sea
6							1025 Ugumak bar. N 3/4 E
7							Kaligagan Island bar N x W
8	14		North	SW		4°W	ships head NNE
9							
10							
11							
12	16		NN E			2°W	W. Marran Master E. Trondene Mate
Dist. by Log							
Course and Distance							
Latitude							
Longitude							
Barometer							
Thermometer							
Inches in the Well							
Bearing and Distance							
Acc.							
Obs. S 20° E 3.6 m							
58-01							
164-52							
p. m. 25 days out							

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Fresh NW Cloudy smooth sea
3							
4	21		N x E	WNW		1/2 3°W	4 Tacked ships stood to the south
5							Light Breeze
6	3		South	west		2°E	Lights Lookout pumps attended to
7							
8	1						
9							Midnight Ugumak bar SW
10	8						Scotch cap bar NW x W calm
11							Vessel not steering
12							Calm Log in W. Marran Master E. Trondene Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Sunday May 11th 1917</i>
2							<i>Light S E Misty smooth</i>
3							<i>7 Scotch cap AB ber N E & N 1/2 N</i>
4			<i>Courses Various</i>				<i>Shiphead W x N 1/2 N dist 3 m</i>
5							<i>Log 1</i>
6							<i>11 Change Co² N x E 1/2 E Log 2 1</i>
7							<i>1130 Cape Sarichip ber E S E</i>
8							<i>dist 8 m Log 16 Light S E Misty</i>
9							
10							
11							
12							

Master *J. T. Tondson* Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.	<i>Various</i>	<i>54-38</i>	<i>165-08</i>	Noon <i>29.80</i>	Noon	Noon	
				p. m. <i>2.6</i>	<i>Days out</i>	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Light S E Breeze Overcast</i>
2							
3							<i>3 Cape Mordvinof AB</i>
4							<i>ber E S E dist 4 m Log 43</i>
5							<i>Light Baffling wind</i>
6	<i>23</i>		<i>N E x N 1/2 N</i>	<i>S E</i>		<i>1° W</i>	
7							<i>Lights Lookout pumps</i>
8	<i>12</i>						<i>attended to</i>
9							<i>10. Tom Trainers fell down</i>
10							<i>Steps and Fishermen quarter</i>
11							<i>and Dislocated Shoulder.</i>
12	<i>11</i>						

Master *J. T. Tondson* Mate

Log of the *Star of India* from San Francisco towards Bristol Bay

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Monday May 12th 1917</i>
2							<i>Light Southerly Breeze Cloudy</i>
3							
4	<i>15</i>		<i>N E x N 1/2 N</i>	<i>South</i>		<i>1° W</i>	<i>8 Amak F.S. AB Bearing S E 1/2 E</i>
5							<i>dist 20 m Log 00</i>
6							
7							
8	<i>11</i>		<i>N E 1/2 N</i>				<i>Fresh South wind clear</i>
9							<i>smooth</i>
10							
11							
12	<i>28</i>		<i>N E</i>				

Master *J. T. Tondson* Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.	<i>N 75° E 103 m</i>	<i>55-53 N</i>	<i>163-04 W</i>	Noon <i>29.82</i>	Noon	Noon	
				p. m. <i>2.2</i>	<i>Days out</i>	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							<i>Fresh Southerly Breeze</i>
3							<i>Cloudy smooth sea</i>
4	<i>29</i>		<i>N E</i>	<i>S S E</i>		<i>1° W</i>	
5							
6	<i>19</i>						
7							<i>Lights Lookout pumps attended</i>
8	<i>18</i>		<i>N E 1/2 N</i>				<i>to.</i>
9							<i>Midnight Fresh S E</i>
10							<i>Squally Made fast Gallantail</i>
11							<i>and all small sails</i>
12	<i>25</i>						

Master *J. T. Tondson* Mate

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Tuesday May 13th 1879</i>
2	11		<i>N 6 1/2 N</i>	<i>SSE</i>		<i>1° W</i>	<i>Strong SE heavy squalls</i>
3							<i>Made fast topsails and</i>
4	14		<i>N 6 x N 1/2 N</i>	<i>SE</i>		<i>2° W</i>	<i>inner jib Cloudy choppy sea</i>
5							
6							
7							
8	14		<i>✓</i>	<i>✓</i>	<i>1/2 ✓</i>		
9							
10							
11							
12	16		<i>N 6 x N</i>	<i>✓</i>	<i>1</i>	<i>1° W</i>	<i>W. Marran Master E. Thondar Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
146	Acc. <i>N 55° E 145 m</i>	<i>57-18</i>	<i>159-26</i>	a. m. <i>29.45</i>	a. m. <i>Noon</i>	a. m. <i>Noon</i>	
	Obs.			p. m. <i>28</i>	p. m. <i>days out</i>	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Moderate Gale from SE</i>
2							<i>Made fast Topsail</i>
3							<i>hazy choppy sea</i>
4	14		<i>N 6 x N 1/2 N</i>	<i>SE</i>		<i>1/2</i>	
5	2		<i>✓</i>	<i>✓</i>	<i>✓</i>		
6							<i>5 wore ships Log 90</i>
7							
8	6		<i>S x E</i>	<i>East</i>	<i>✓</i>		<i>Lights Lookout sounding attended to</i>
9							
10							<i>Midnight Wind and</i>
11							<i>sea moderate</i>
12	4		<i>SSE</i>	<i>✓</i>	<i>✓</i>		<i>Master E. Thondar Mate</i>

Log of the *Star of India* from *San Francisco* towards *Bristol Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Wednesday May 14th 1879</i>
2							<i>Calm and light air from</i>
3							<i>south clear weather</i>
4			<i>Calm</i>	<i>SW</i>			
5							
6							<i>6 Light SW set all sails</i>
7							<i>hazy smooth sea</i>
8	9		<i>N 6 x E</i>	<i>✓</i>			
9							
10	8		<i>✓</i>				
11							
12	6		<i>N 6 1/2 N</i>	<i>✓</i>			<i>W. Marran Master E. Thondar Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
	Acc.			a. m.	a. m.	a. m.	
	Obs. <i>N 65° E 29 m</i>	<i>57-29</i>	<i>158-38</i>	Noon <i>29-55</i>	Noon	Noon	
				p. m. <i>29</i>	p. m. <i>days out</i>	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							<i>Fresh Westerly Breeze hazy</i>
3							<i>Smooth sea</i>
4	25		<i>N 1/2 W</i>	<i>West</i>			
5							<i>8¹⁵ Pm Made fast all sails</i>
6							<i>and Dropped anchor of</i>
7							<i>Cape Constantine 10 fath</i>
8	27		<i>✓</i>	<i>✓</i>			<i>of water 65 fath of chain</i>
9							<i>out on Starboard anchor</i>
10							
11							<i>Anchor lights attended to</i>
12							<i>Master E. Thondar Mate</i>

Log of the *Star of India* from towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							May 15 th 1911
2							Anchorage of Cape Constantine.
3							Fresh Westerly breeze clear
4							Protection Pt. ber W x N Etolin Pt. ber VNW
5							Watch and Anchor lights attended to.
6							May 16 th Light Air from the north
7							Clear Weather smooth sea.
8							Anchor Lights and Watch attended to.
9							
10							
11							
12							W. Morrison Master L. Trandem Mate

Dist. by Log		Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
	Acc.				a. m.	a. m.	a. m.	
					Noon	Noon	Noon	
	Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1				Saturday May 17 th				
2				Fresh S.E. Breeze			1 P.m. hove up anchor	
3				set sails and proceeded toward Nushagat				
4				at 4 P.m. blew up sails and let go				
5				Starboard anchor in 9 1/2 fath of water				
6				45 fath of chain out. Hazy no bearing to be got				
7				9 P.m. let go Port anchor with 30 fath of chain				
8				75 fath on Starboard Wind and sea increasing				
9				midnight Howling a strong Gale from East.				
10				Anchor lights and Watch attended to.				
11								
12							Master <u>E. Thompson</u> Mate	

Log of the _____ from _____ towards _____

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
						Sunday	May 18 th 1881
1				Harbor	Log.	Anchorage of Protection Pt.	
2							
3						1 Am Moderat Gale from East still blowing	
4						moderating during the day	
5						3 Pm hove up port anchor	
6						an left 60 fath on Starboard anchor	
7						Light N E clear.	
8						Anchor Light and Watch attended.	
9							
10							
11							
12						W. Mearns Master	L. Thomsen Mate

Dist. by Log		Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
	Acc.				a. m.	a. m.	a. m.	
					Noon	Noon	Noon	
	Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
							Monday 19 th 1879
1							
2							Light N E air and balm
3							Cloudy
4							5 Pm S. S. Nushagak
5							passed up the river.
6							
7							Anchor lights and Watch
8							attended to.
9							
10							
11							
12							Master <u>L. Trondum</u> Mate

Log of the from towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Tuesday May 20 th 1819
2							Anchorage of Protection Point
3							Light N & Breeze Clear Withen
4							10 ³⁰ am Star of Island
5							passed up the river
6							in tow of S.S. Nushagak
7							1 Pm sent down Royal yard
8							onbend Mainsail sent
9							up Cargo gear
10							Watch and Anchor lights
11							W. Marzan attended to.
12							Master J. Trondson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.				Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Wednesday May 21 st 1819
2							Fresh N & Breeze Cloudy
3							Watch and Anchor lights attended to.
4							
5							
6							
7							
8							
9							
10							
11							
12							Master J. Trondson Mate

Log of the from towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Thursday May 22 nd 1819
2							Anchorage of Protection Point
3							Strong N & Wind Chappy sea clear
4							3 ¹⁵ am Nushagak came alongside
5							3 ²⁰ " Anchor short
6							4 ⁰⁰ " Anchor up and
7							proceeded for the Bar
8							7 ²⁵ Blacks Point A.B. let go
9							howser let go starboard
10							anchor. 10 am Commence
11							To onbend sails send down Gallant yard
12							finnish at noon. 4 ¹⁵ Pm Nushagak towing for P.H.T.

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.				Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							and Coffee brick got of
2							at 5 ³⁰ . Broke two stanchions
3							on Choke. No other knowable
4							Damage don.
5							8 Pm let go starboard anchor
6							of P.H.T. Bannay.
7							Lights attended to Watchman
8							on duty.
9							
10							
11							
12							W. Marzan Master J. Trondson Mate

from

towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
							Friday May 23 ^d / 1877
1							Anchorage at P.H.T. Cannary.
2							8am Part of fishermen went
3							on shore. Ships crew wash
4							down and got vessel ready
5							for discharging cargo.
6							Light Variable Winds and Calm
7							Anchorlights attended to
8							Watchman on duty.
9							
10							
11							
12							W. Marran Master L. T. Mate

Dist. by Log		Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
	Acc.				a. m.	a. m.	a. m.	
					Noon	Noon	Noon	
	Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE- WAY	DEVI- ATION	REMARKS
							<i>Saturday May 24th 1819</i>
1							<i>7 am Chinamen left vessel</i>
2							<i>for Cannary. Fine Weather</i>
3							<i>Anchor Lights and Watch attended</i>
4							
5							
6							<i>Sunday May 25th</i>
7							<i>No work fine Weather</i>
8							<i>anchorlight attended to</i>
9							<i>Watchman on duty.</i>
10							
11							
12							Master <i>J. Thomsen</i> Mate

from

towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Monday May 26 th 1819
2							Anchorage at P.H.T. Battery.
3							6 am Crew commences to work
4							Cargo. Worked 7 hours finnis
5							at 2 P.m. Light rain during
6							the day.
7							Anchorlights attended to
8							Watchman on duty.
9							
10							
11							
12							

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1							Tuesday May 27 th	
2							6 am. Crew commence to	
3							work barge. worked 7 hours	
4							finnish at 2 ³⁰ Pm	
5							Fine weather all day.	
6							Anchorlights attended to	
7							Watchman on duty.	
8							Wednesday May 28 th	
9							6 am Crew commence to discharge barge	
10							worked 8 hours finnish at 3 ⁵⁰ Pm	
11							Anchorlights attended to Watchman on duty.	
12							Master T. Thorsen Mate	

Log of the _____ from _____ towards _____

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
							Thursday May 29 th A 11
1							Anchorage at T.H. J. Cannary.
2							8 Am. Tug commenced to discharge
3							barge worked 5 hours. Finnish at 2 P.M.
4							Fine weather all day.
5							Anchorlight attended to Watchman on duty.
6							
7							Friday May 30 th
8							Memorial day no work done
9							Coping Holiday. Fine weather all day.
10							Anchorlight attended to Watchman on duty.
11							
12							W. Marran Master J. Thomsen Mate

Dist. by Log		Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
	Acc.				a. m.	a. m.	a. m.	
					Noon	Noon	Noon	
	Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
							May 31 st 1914
1				8 Am			Commence to discharge
2				Cargo			finnish at 10 am Cargo all out
3				4 Pm			Mound ship assisted by two launches
4				45 fath			of chain on each anchor.
5				Finish			at 5 ³⁰ Strong N & breeze.
6				Anchorlights			attended to Watchman on duty.
7							
8							Sunday June 1 st
9							No work done. Fresh
10							NW Wind. Anchorlights
11							attended to Watchman on duty
12							Master To Translance Mate

Log of the _____ from _____ towards _____

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
							Monday June 2 ^d 1919
1							Anchorage at P.H.T. Cannary.
2							Clear ships an doing various jobs
3							getting ready to go ashore.
4							3 P.m. crew left vessel for Cannary.
5							
6							Friday Aug 1 st
7							6 P.m. Ships gang onboard
8							S & Wind and rain shower.
9							
10							Saturday Aug 2 ^d
11							No Work Light Easterly Breeze Cloudy.
12							W. Morgan Master L. Tondan Mate

Dist. by Log		Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
	Acc.				a. m.	a. m.	a. m.	
					Noon	Noon	Noon	
	Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	
1				Sunday Aug 3 ^d				1
2				No Work Strong SE Wind and rain				
3								
4				Monday Aug 4 th				
5				8 am commenced to rig cargo gear				
6				Take in 10 ton of coal for ship's use				
7				Swept hold, and loaded 22 Gas Drums				
8				some tin and 3.088 cases of Salmon				
9				finished at 3 Pm.				
10				Fresh SE Wind passing rain showers				
11								
12							Master T. Tondum. Mate	

Log of the from towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Master

Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.				Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Master

Mate

Log of the from towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Master

Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.				Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Master

Mate

Log of the *Anchorage* from *P.H.T.* towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1							Tuesday Aug 5 th	
2							No Work done this day. Strong S.E. and rain	
3							Wednesday Aug 6 th	
4							Fresh S.E. and rain no work done	
5								
6							Thursday Aug 7 th	
7							1 Pm Commence to load bases 3 Pm Lighter	
8							discharge 2.753 bases. Rain and misty till noon	
9							Clear weather remainder of day. Light N.E.	
10								
11								
12							Master <i>J. Trondam</i> Mate	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1							Friday Aug 8 th	
2							8 Am Sent up Gallant yards and fore royal	
3							take in 3.457 bases finish at 2 ³⁰ Pm	
4							Light Easterly Breeze part of day 3 Pm Commence to rain	
5								
6							Saturday Aug 9 th	
7							Crew wash down. rain and variable wind	
8							all day.	
9							Sunday Aug 10 th	
10							No Work Strong Northerly wind passing rain shower	
11								
12							Master <i>J. Trondam</i> Mate	

Log of the *Anchorage* from *P.H.T.* towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1							Monday Aug 11 th	
2							8 Am Sent up main royal yard Bent off sails	
3							finish at 3 Pm. Fresh Northerly Breeze.	
4								
5							Tuesday Aug 12 th	
6							2 Pm Took in ships stores some labels and pack	
7							Strong North wind squally.	
8								
9							Wednesday Aug 13 th	
10							8 am Commence to load bases at 11 am Lighter	
11							discharge 3.255 bases 4 Pm resumed Loading 3.30	
12							finish at 7 ³⁰ Pm. Light North Wind Master passing rain shower	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1							Thursday Aug 14 th	
2							8 Am Commence to load bases. finish 9 ³⁰	
3							Wheel having on board 16.585 bases 11 Am. Took wind	
4							out how up starboard anchor. let vessel lay for	
5							port anchor 45 fathoms of chain out	
6							3 Pm Oriental crew on board	
7							Light N.E. wind Watchman on duty.	
8								
9								
10								
11								
12							Master <i>J. Trondam</i> Mate	

Log of the Star of India from Nushagak towards San Francisco

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Aug 15	1914
1									
2							8 Am Fishermen aboard. Sent down cargo gear. Washed down filled Water tanks		
3							Vessel draft 17 1/2 forward 18 1/2 aft.		
4							2 Pm S.S. Nushagak passed bowser on board 2 1/2 Anchor up proceeded to sea SW Wind clear flood tide		
5									
6									
7									
8									
9									
10									
11									
12									

Master *J. Trondsen* Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1							5 30 Nicias hills bear S S W	
2							ships head S E 1/2 S Log 76	
3							6 20 Cape Etolin bear N E 1/2 E Log 83	
4							6 30 set fore and aft sails	
5							9 30 set topsails let go bowser	
6			S E 1/2 S	S E			(Dep) Lat 58-14 N Long 158-16 W	
7							Log 5	
8							10 all sails set	
9							Light lookout pumps attended to.	
10			N S W	S E		19 1/2	Midnight Light S E clear	
11								
12	17							

Master *J. Trondsen* Mate

Log of the Star of India from Nushagak towards San Francisco

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Aug 16	1914
1									
2							Light S E Breeze clear		
3							all sails set		
4	22		S S W	S E		19 1/2			
5									
6									
7									
8	16		"	"		"			
9									
10									
11							noon Light Breezy Cloudy.		
12	31		"	"		"			

Master *J. Trondsen* Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
86	Acc.			a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
	Obs.	57-36 N	160-40 W	p. m.	1 Day out	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1							Fresh breeze and light rain	
2							southerly swell	
3							5 took in topsails blowing	
4	27		S 1/2 W	S E	3 1/4	10 1/2	hard from S E	
5							6 Vessel how to for lower	
6	10		"	"	"	"	topsails and fore staysails	
7							mod Gale Vessel laboring heavy.	
8	6		S S W	S E	4	12 1/2		
9							Light lookout Will attend to	
10								
11							Midnight moderating	
12	7		"	"	"	"		

Master *J. Trondsen* Mate

Log of the *Star of India* from *Mushagat* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Aug 17 th	1912
1									
2									
3							Set topsails and main		
4	5		SW x WNW S E		3	14° E	topmast stay 8 gpb Fresh		
5							Southerly Breeze Chappy sea		
6									
7									
8	4		SW						
9									
10							noon weather hazy head sea		
11									
12	9								

Master *J. T. Tondan* Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.	270W 80 m	57-08N	163-07W	Noon 29.60	Noon	Noon	
				p. m.	p. m. 2 days out		

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1							Fresh S E Chappy head sea	
2							Set main Gallant sail	
3								
4	9		SW x WNW S E		3	14° E	8 Made last Gallant sail and	
5							topsails and inner gpb	
6	5						blowing hard from S E.	
7								
8	7		S x W	E S E	2	10° E	Light Lookout pumps attended to.	
9								
10							midnight moderating.	
11								
12	9		SW x S	S E		14° E		

Master *J. T. Tondan* Mate

Log of the *Star of India* from *Mushagat* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Aug 18 th	1912
1									
2	2		SW x W	SE	3		2 More ships wind had to		
3							west 70 Set fore and		
4	2		S x W	West	2		main topsails		
5									
6									
7									
8	16				1				
9							noon sea mod. all sails		
10							set.		
11									
12	8								

Master *J. T. Tondan* Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.	258W 76 m	56-46	164-39	Noon	Noon	Noon	
				p. m.	p. m.	p. m. 3 days out	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1							Light Westerly Wind	
2							head sea passing mist	
3								
4	10		S x E	West	1			
5								
6	5		S x E	W S W				
7							Light Lookout pumps attended to	
8	4							
9								
10							midnight no change to note	
11								
12	20		S x E 1/2 E		1/2			

Master *J. T. Tondan* Mate

Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Tuesday Aug 19 1919</i>
2							<i>Fresh S.W. Weather heavy</i>
3							<i>smooth sea</i>
4	24		S 3/4 E	W S W	1/2		<i>10 Tacked ship stock of shore</i>
5							<i>Log 16 Cape Mendocino</i>
6							<i>bearing S & W 3/4 W dist 8 miles</i>
7							<i>sighted Sch. Prosper</i>
8	22		S S W	-	-		
9							
10	14		S x E	-	-		
11							
12	9		N W	S W	-		<i>W. Morgan Master J. Tondum Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
119	Acc.			a. m. 29.90	a. m.	a. m.	
				Noon	Noon	Noon	
	Obs. S 3/4 E 97m	55-07	164-29	p. m. 4 days out	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>1</i>
2	17		N W x N	S W	1/2		<i>Moderate Southerly Wind</i>
3							<i>hauling Gradually to</i>
4	6		S S E	-	-		<i>the Easter overcast</i>
5							<i>10 Tacked ship Made</i>
6							<i>fast fore and main</i>
7							<i>Tallant sail mainsail</i>
8	20		S E x S	-	-		<i>Light lookout attended to.</i>
9							
10							
11							
12	9		W x N	South	2		<i>Master J. Tondum Mate</i>

Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Wednesday Aug 20 1919</i>
2							<i>Light southerly breeze heavy</i>
3							<i>smooth sea.</i>
4	5		W x S	South	2		
5							<i>8 Pogromni ber S E 3/4 S Shishaldin</i>
6							<i>ber E x S 1/4 S</i>
7							
8	6		S W	S E	1		<i>11²⁰ Cape Sanchil ber S E 3/4 S Log 16</i>
9							
10							<i>noon clear sky</i>
11							
12	9		S W x S	S E	-		<i>W. Morgan Master J. Tondum Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
72	Acc.			a. m.	a. m.	a. m.	
				Noon 30.28	Noon	Noon	
	Obs. S 1/2 W 30m	55-07	164-26	p. m. 1 day out	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>1</i>
2							<i>Light S E misty smooth</i>
3							
4	8/11		S x W	S E	2		
5							
6	1		S W x S 1/2 S	-	-		<i>Light Lookout attended to.</i>
7							
8	2		S W x W	S S E	-		<i>Balm and light air</i>
9							
10			Balm				<i>Midnight haul to the western</i>
11							
12	1		S x W	west			<i>Master J. Tondum Mate</i>

Log of the *Star of India* from *Nushagak* towards *San Francisco* Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Thursday Aug 21 st 1879
2							Light Variable Winds smooth
3							passing mist all sails
4	10		SE x E	West			set
5							
6							
7							
8	7		SE x E 1/2 E	NW			
9							
10							noon light air from south
11							
12	2		SE	SSW			W. Marras Master T. Tondan Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
34	Acc.			a. m. 30.90	a. m.	a. m.	
	Obs.	S 1/2 W 15 m	58-44 N	Noon	Noon	Noon	
			164-36 W	p. m. 6 days out		p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							1
2							Light SW Wind and Calm
3							smooth
4	3		SE x E 1/2 E	SW	1		
5							
6							
7							Light's Lookout attended to
8							Calm
9							
10							Midnight Gap Sanichiff bar
11							E x N 1/2 N Log 42
12	8		SE	NE	1		Master Mate

Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Friday Aug 22 nd 1879
2							Tacked ship Log 14 made fast
3							Royal and Gallant sails remain up
4							ringtail on her jib. Blowing strong
5	10		NE	SE	1 1/2		SW heavy rain and fog.
6							Tacked ship Log 52
7							10 - - - 70
8							noon watch Cape bar 63.00
9							Sanichiff bar NE 1/2 N Log 18
10	18		SE	"	"		dist of 2 miles
11							
12	7		NE x E	"	"		W. Marras Master T. Tondan Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
46	Acc.			a. m.	a. m.	a. m.	
	Obs.	S 1/2 E 21 m	58-44 N	Noon 30.10	Noon	Noon	
			164-11 W	p. m. 7 days out		p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							1
2	2		NE x E	SE	1		Light SE weather haze
3							Tacked ship Log 80
4	3		S 1/2 E	ESE	"		
5							
6							7 Tacked ship Log 96 strong SE
7	8		"	"	"		passing fog
8	3		NE 1/2 E	SE	"		Light's Lookout attended to
9							
10	8		NE x E	ESE	"		Wore ship 11 shot to the water
11							
12							Master Mate

Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Saturday</i> 23 ^d 1911
2	1		S S W	E S E	2		Light southerly wind hazy
3							2 more ship Log 8
4	2		E 1/2 S	South	1		5 all sails set
5							6 Tacked ship Log 16
6	6		N E	S E	1 1/2		Cape Sarichef ber S E 1/2 S
7							dist 3 miles
8	7		S W	-	2		
9							
10							noon Tacked ship Log 54
11							Light S E and passing log
12	14						W. Morgan Master J. Trondson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
56	Acc.			a. m.	a. m.	a. m.	
	Obs.	N 67 1/2 W 6 m	54-33	165-20	Noon 29.80	Noon 8 days out	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2	13		E N E	S E	1		Light air from S E hazy
3							2 Tacked Log 47
4	9		S W x S	-	-		6 Tacked ship Log 57
5							
6	11						Lights Lookout attended to
7							8 Tacked ship Log 82
8	14		N E x E				
9	1						
10							Midnight Cape Sarichef
11							ber E 1/4 N dist 10 miles
12	6		S S W	-	-		Master J. Trondson Mate

 Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Sunday</i> Aug 24 1911
2							Light NW air and calm
3							during the 12 hours Log in
4				calm			
5							
6							
7							
8							
9							
10							
11							
12							W. Morgan Master J. Trondson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
57	Acc.			a. m. 29.66	a. m.	a. m.	
	Obs.	S 88 W 3 m	54-32	165-24	Noon 9 days out	Noon	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Light NW hazy smooth
3	9		S E x E	N W			all sails set
4	3		E S E	-			
5							
6	9		E 1/2 S	W N W			7 ¹⁰ Scotch Cape Light A.B.
7							ber N 1/4 E dist 3 miles Log 30
8	10		E 3/4 S	-			8 ²² Ugarnak A.B. dist 6 1/2 miles
9							Log 32
10							Midnight light SW hazy
11							Long S E swell
12	12		S E x E 1/2 E	S W			Master J. Trondson Mate

Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Monday Aug 25 1919
2							Light SW and calm
3							hazy S & swell
4	4		SE & E	WSW			
5							9 vessels in sight
6							
7							
8	4						
9							
10							Moan Hymah Island br. W 3/4 N
11							Tigalda, F. br. W 3/4 S dist 19 m
12							W. Morgan Master F. Thomsen Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
51	Acc.			a. m.	a. m.	a. m.	
	Obs.	Various	54-04	164-16	Noon	Noon	Noon
					p. m.	10 days	p. m.

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Calm and light air
2							from SW overcast
3							passing rain shower
4							calm
5							Light Lookout attended to
6							
7							
8	2		SE & E	SW		3°W	
9							
10							Midnight moderate breeze
11							from SSW
12	16			SSW	1/2		Master F. Thomsen Mate

Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Tuesday Aug 26 1919
2							Fresh Southerly wind
3							cloudy S & swell
4	28		SE & E	SW		3°W	
5							
6							
7	19		"	"		"	
8	7		E & S	"		"	
9							
10							Moan haze fresh breeze
11							
12	29						W. Morgan Master F. Thomsen Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
101	Acc.	55-38	99 m	53-04	162-03	a. m.	a. m.
	Obs.					Noon	Noon
						p. m.	11 days out

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Fresh Southerly Breeze
2							fine weather
3							
4	31		E & S	SSW	X	1°W	
5							
6							Light Lookout attended to
7							
8	38						
9							
10							
11							Midnight no change
12	36						Master F. Thomsen Mate

Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Wednesday Aug 27 1919
2							Fresh Southerly Wind
3							Clear S.W. swell
4	37		E x S	S.W.		1°W	all sails set
5							
6							
7							
8	33		"	"		"	
9							
10							
11							Noon no change to net
12	28						W. Mayan Master J. T. Treadwell Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
203	Acc.			a. m.	a. m.	a. m.	
	Obs.	S 62° E 210 m	51-18	Noon	Noon	Noon	12 days out
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Fresh Southerly Breeze
3							fine weather
4	31		E x S	South		1°W	
5							
6	15		"	"		"	Light's Lookout attended to
7							
8	14		"	"		"	
9							
10							Midnight Wind haul to the West
11							
12	29		"	"		"	Master J. T. Treadwell Mate

 Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Thursday Aug 28 1919
2							moderate Westerly Breeze
3							fine weather all day
4	27		E x S	S.W.		1°W	all sails set
5							
6							
7							
8	29		"	"		"	
9							
10							
11							
12	21		"	"		"	W. Mayan Master J. T. Treadwell Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
166	Acc.			a. m.	a. m.	a. m.	
	Obs.	S 60° E 164 m	49-46	Noon 30.45	Noon 18 days out	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Light Westerly Breeze smooth sea
3							Clear Sky
4	21		E x S	W.S.W.		1°W	
5							
6							Light's Lookout attended to
7							
8	18		"	"		"	
9							
10							
11							
12	17		"	"		"	Master J. T. Treadwell Mate

Log of the *Star of India* from Nushagak towards San Francisco

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
							Friday Aug 29 th 1919
1							
2							Light westerly Wind
3							fine weather all sails set
4	13		E x S	West		1° W	
5							
6							
7							
8	14		"	"		"	
9							
10							
11							noon no change to note
12	15		"	"		"	H. Haddon Master J. Tronheim Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
48	Att.			a. m.	a. m.	a. m.	
	Obs.	256.5 100 m	48-49	151-19	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	I.
1								
2							Light Variable Winds	
3							Clear Weather	
4	10		E + S	W. 20		1° W		
5								
6								
7							Lights Lookout attended to.	
8	9		"	N. 20		"		
9								
10								
11							Midnight Salvo	
12	3		"	"		"	Master <i>E. Thorsen</i> Mate	

Log of the *Star of India* from Nushagak towards San Francisco

H.	K.	F.	COURSES	WINDS, &c.	LEE- WAY	DEVI- ATION	REMARKS
1							<i>Saturday Aug 30th 1894</i>
2							<i>Light Variable Winds and Calm</i>
3							<i>Long NW swell.</i>
4							
5							
6							
7							
8							
9							
10							<i>noon East wind fine</i>
11							<i>weather.</i>
12	17		<i>N 1/2 E</i>	<i>East</i>	<i>1/2 W</i>	<i>Warrant</i>	<i>Master C. Thomsen Mate</i>

Dist. by Log		Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
39	Acc.				a. m. 30.84	a. m.	a. m.	
	Obs.	1184.8 35 m	48-51	150-21	Noon	Noon 15 d	Noon	
					p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE- WAY	DEVI- ATION	REMARKS	I.
1							Light Eately Breeze	
2							Clear Sky Smooth Sea.	
3								
4	22	1	N x E	East	1/2	3:W		
5								
6	10		"	"	"	"	Legt. Lookout attended to.	
7								
8	11		N x E 1/2 E	"	"	"		
9								
10							Midnight fresh Breeze	
11							passing rain Shower.	
12	23		N N E		"	2:W		

Master
Mate

Log of the *Star of India* from *Nashagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Sunday</i>
2							
3							
4	22		NNE	ENE	1	2°W	Strong breeze from the East. rain and mist. made fast roy. all and gallant sails
5	3						5 Wore ship standing to South
6							
7							10 made fast topsails
8	10		SE	ENE	4	3°W	Visual under short canvas
9							
10							moderate S. heavy squall
11							
12	19		SE & E	NE	2	4°W	<i>W. Morgan</i> Master <i>J. Trondson</i> Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
126	Acc. NNE 7.0m	49-39	158-21	a. m. 30.00	a. m. 16	Noon 16	Noon out
	Obs.			p. m.	p. m.	p. m.	p. m.

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							Wind and sea moderating
4	22		ENE	NNE	1	3°W	Lowering to the weather
5							Set for and main topsails
6							
7							Lighter Lookout attended to
8	27			North	1		
9							
10							
11							Midnight fresh NW
12	33						Master Mate

Log of the *Star of India* from *Nashagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Monday</i>
2							
3							Fresh NW Cloudy sea mod
4	35		S & E	NW		3°W	fine weather all sails set
5							
6							
7							
8	34						
9							
10							noon heavy sea running
11							
12	34						<i>W. Morgan</i> Master <i>J. Trondson</i> Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
185	Acc.			a. m. 30.00	a. m. 17	Noon 17	Noon out
	Obs.	50° 18' N	157-30	155-14	p. m.	p. m.	p. m.

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							Fresh NW fine weather
4	39		E 1/2 S	NW		2°W	increasing gradually
5	10						made fast main gallant sail
6							
7							Lighter Lookout attended to
8	30						
9							
10							
11							
12	40						Master Mate

Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Tuesday</i>
2							
3							<i>Strong NW heavy sea running squally</i>
4	39		<i>E 1/2 S</i>	<i>NW</i>		<i>2° W</i>	
5							
6							
7							
8	37		<i>"</i>	<i>"</i>		<i>"</i>	
9							
10							<i>noone blowing fine weather</i>
11							
12	33		<i>"</i>	<i>"</i>		<i>"</i>	<i>W. Morgan Master J. Trondsen Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
128	Acc. <i>S 64 E 22 1 m</i>	<i>45-42</i>	<i>140-41</i>	a. m. <i>30.00</i>	a. m. <i>18 days out</i>	a. m.	
	Obs.			Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							<i>Strong NW cloudy heavy sea running</i>
3							
4	38		<i>E 1/2 S</i>	<i>NW</i>		<i>2° W</i>	
5							
6	17		<i>E 3/4 S</i>	<i>"</i>		<i>"</i>	<i>Light Lookout attended to</i>
7							
8	16		<i>"</i>	<i>"</i>		<i>"</i>	
9							
10							
11							
12	36		<i>"</i>	<i>"</i>		<i>"</i>	<i>Master J. Trondsen Mate</i>

Log of the *Star of India* from *Nushagak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Wednesday</i>
2							
3							<i>Strong NW passing rain squall</i>
4	35		<i>E 3/4 S</i>	<i>NW</i>		<i>2° W</i>	
5							
6							
7							
8	35		<i>"</i>	<i>"</i>		<i>"</i>	
9							
10							<i>noon strong breeze fine weather</i>
11							
12	33		<i>"</i>	<i>"</i>		<i>"</i>	<i>W. Morgan Master J. Trondsen Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
110	Acc. <i>S 56 E 22 0 m</i>	<i>43-46</i>	<i>136-29</i>	a. m. <i>30.00</i>	a. m. <i>19 days out</i>	a. m.	
	Obs.			Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							<i>Fresh NW Breeze</i>
3							<i>squally heavy sea running</i>
4	45		<i>E NW</i>	<i>NW</i>		<i>1° W</i>	
5							
6							<i>Light Lookout attended to</i>
7							
8	26		<i>E ast</i>	<i>"</i>		<i>2° W</i>	
9							
10							
11							<i>Midnight Wind and sea moderating</i>
12	35		<i>"</i>	<i>"</i>		<i>"</i>	<i>Master J. Trondsen Mate</i>

Log of the *Star of India* from *Vushagah* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Thursday
2							
3							Mod N W Breeze
4	34		East	N W	2° W		passing rain squall
5							
6							
7	25		"	"	"	"	
8	7		E x N	"	1° W		
9							
10	11		"	"	"	"	noon fine weather all
11							sails set
12	12		E 1/2 S		2° W		H. Morgan Master J. Trondson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
195	Acc.			a. m. 30.02	a. m. 20	a. m. 16.5	out
	Obs.	S 73° E 2.04	42° 42' 131-33	Noon	Noon	Noon	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Fresh Southerly Breeze
3							misty
4	29		E x S	South	2° W		
5							8 Wind haul to the
6	17		"	"			Westerly
7							
8	15		"	N W	"	"	Lights Lookout attended to
9							
10							Midnight fresh S W
11							
12	31		"	"	"	"	Master Mate

Log of the *Star of India* from *Vushagah* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Friday
2							
3							Fresh S W passing rain
4	35		E x S	S W	2° W		shower
5							
6							
7							
8	28		"	W S W	"	"	
9							
10							noon made clear weather
11							
12	26		"	"	"	"	H. Morgan Master J. Trondson Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
181	Acc.			a. m. 29.94	a. m. 21	a. m. 16.5	out
	Obs.	S 56° E 7.85	41-06 128-23	Noon	Noon	Noon	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Light westerly breeze
3							passing rain shower
4	27		E 3/4 S	West	2° W		smooth sea
5							
6	12		"	"	"	"	Lights Lookout attended to
7							
8	9		"	"	"	"	
9							
10							
11							Midnight no change to note
12	22		"	"	"	"	Master J. Trondson Mate

Log of the *Star of India* from *Nuskegak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Saturday</i>
2							
3							<i>Light Westerly Breeze</i>
4	25		<i>E 3/4 S</i>	<i>West</i>		<i>2° W</i>	<i>cloudy smooth sea</i>
5							
6							
7							
8	25						
9							
10							<i>noon no change to note</i>
11							
12	20						<i>W. Morrison Master J. Trondum Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
138				a. m. 29.90	a. m. 22	a. m. 22	Days out
	Obs. 5526 139 m	39-47	125-46	p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2	14		<i>E 1/2 S</i>	<i>West</i>		<i>2° W</i>	<i>Light Westerly Breeze</i>
3							<i>smooth sea</i>
4	5		<i>E 1/2 S</i>				
5							
6							
7							<i>Lights Lookout attended to</i>
8	17		<i>S E 1/2 E</i>			<i>5° W</i>	
9							
10							
11							
12	10						<i>Master J. Trondum Mate</i>

Log of the *Star of India* from *Nuskegak* towards *San Francisco*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Sunday</i>
2							
3							<i>Light westerly breeze</i>
4	5		<i>S E 1/2 E</i>	<i>West</i>		<i>2° W</i>	<i>fine weather</i>
5	8						
6							
7							
8	5						
9							
10							<i>noon sighted Star of Island</i>
11							<i>to windward rain and calm</i>
12	4						<i>W. Morrison Master J. Trondum Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
60	Acc. 5576 62 m	39-06	124-53	a. m. 29.90	a. m. 23	a. m. 23	Days out
	Obs.			p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							<i>Light Easterly Wind hazy</i>
3	6		<i>S E 1/2 S</i>	<i>E N E</i>		<i>2° W</i>	
4	7		<i>S E 1/2 E</i>			<i>4° W</i>	
5							
6							<i>Lights Lookout attended to</i>
7							
8	25		<i>E S E</i>			<i>5° W</i>	
9							
10							<i>Midnight Wind hauled to</i>
11							<i>N E heavy rain</i>
12	34		<i>E 1/2 S</i>			<i>4° W</i>	<i>Master J. Trondum Mate</i>

Log of the *San Francisco* from *Harbor* towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1720
1							Surveyor Mr. Larson surveyed the vessels hold	
2							and bilges also around the deck, and found vessel in	
3							good condition.	
4							Feb. 27th. At 3 ³⁰ P.M. towboat Restless took the vessel	
5							away from the yard tow. the drydock and	
6							made us fast alongside the dolphins, where	
7							fast at 4 ¹⁵ P.M. watchman on duty.	
8							Feb. 28th. Started to take vessel in drydock at 6 ¹⁵ A.M.	
9							up on drydock at 7 ³⁰ A.M. started cleaning	
10							vessel at 8 A.M. working up to noon.	
11							Watchman on duty.	
12							Frank Heideman Master	Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1							Sunday Febr. 29th. No work done on board the ship	
2							today. Watchman on duty.	
3							Monday March 1st. On account of rain in the morning	
4							the drydock gang did not paint	
5							the vessel before in the afternoon	
6							at 2 P.M. finished painting at 4 P.M.	
7							Paint used: 38 Gall. I.F. international	
8							total 4 ¹ / ₂ Gall.	
9							Tuesday March 2nd. Left the drydock at noon	
10							Vessel's draft empty with towboat. Sea Park and Sea Fox took the	
11							all tanks full of water. vessel to the shipyard let towboats go at 2 ³⁰ P.M.	
12							12.5 forward. made vessel fast and finished at 11 P.M.	
							14.5 aft. Frank Heideman Master	Mate

Log of the *Harbor* from *Log in San Francisco* towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1720
1							Thursday Apr. 15th. 1920	
2							Towboat Sea Prince took the vessel over to	
3							Pier 54 south side. Gang came on board at	
4							8 A.M. towboat at 9 A.M. got fast along	
5							side the wharf at 12 ¹⁵ P.M. blowing from	
6							the S.W. with heavy squalls. Gang	
7							quit at 2 P.M. Stevedores making ready	
8							for cargo in the afternoon and Mate joined	
9							Ship this morning 8 A.M. Watchman on duty.	
10							Friday Apr. 16th. Mover. to fresh westerly wind clear.	
11							stevedores taking in freight all day working	
12							up to 6 P.M. 1st. Mate joined ship today.	
							Frank Heideman Master	Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1							Saturday Apr. 17th. Similar weather. started	
2							taking in freight at 7 A.M. working up	
3							to 5 P.M. Crooks and Menloys joined	
4							the ship today watchman on duty.	
5							Sunday Apr. 18th. Mover. or W. clear. Stevedores	
6							taking in freight all day from 8 A.M.	
7							until 5 P.M. both Mates employed.	
8							Watchmen on duty.	
9							Monday Apr. 19th. started leaving at 7 A.M.	
10							and finished at 5 P.M. taking on board	
11							everything but fishermen Watchmen on duty.	
12							F. Heideman Master	Mate

Log of the *Harbor from San Francisco towards*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Apr. 20th 1920
1							Two tugboats came along side at 8 A.M. to	
2							put the vessel alongside the Star of Iceland	
3							to transfer our Mexicans over to her	
4							The tugboats could not manage to get	
5							the vessel alongside, one tugboat took us	
6							down in the stream and we started	
7							to transfer the gang into launches, leaving	
8							both master and carpenter, Chief cook	
9							and cabin boy on board the ship also 2	
10							China watchmen. Watchmen on duty.	
11								
12							F. Weidemann Master	Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.				Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1			Wednesday Apr. 21st.	Light & clear - in the morning			changing to Fresh West wind during the	
2				day. At 1 P.M. a Launch came alongside			and took the clothing from the fishermen	
3				ashore. Water and watch men on duty.				
4			Thursday Apr. 22nd.	calm in the morning F. W. Cater on				
5				3th. Mate joins the ship today. ~				
6				Watchmen on duty.				
7			Friday Apr. 23th.	similar weather. got a				
8				few cannery hands on board today.				
9				Watchmen on duty.				
10								
11								
12							F. Weidemann Master	Mate

Log of the *Harbor from San Francisco towards*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Saturday 1920
1			Saturday Apr. 24th.	Calm in the morning fresh				
2				West wind during the afternoon still				
3				waiting for crew. Watchmen on duty.				
4			Sunday Apr. 25th.	Similar weather. -				
5				Still paying for anchor waiting for crew				
6				One China watchman taken of the ship at noon				
7			Monday Apr. 26th.	calm in the morning fresh west				
8				wind during the afternoon. joined the ship.				
9				during the day 1 Chinaman 5 Mexicans.				
10				1 cook and net tender who will be watchmen				
11				day time. Watchman on duty				
12				F. Weidemann Master			J. Roskinen Mate	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.				Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	Tuesday 1920
1			Tuesday Apr. 27	Light. West wind all day. Clear				
2				two boats joined the ship, one beachman				
3				transferred his belongings to another vessel				
4				Pumps and fire apparatus in good working				
5				order. Watchmen on duty				
6			Wednesday Apr. 28	Light South wind in the morning				
7				changing to fresh SW during the day. Clear				
8				two Mexicans joined the ship.				
9				Mates and watchmen on duty				
10								
11								
12							F. Weidemann Master	J. Roskinen Mate

Log of the *Star of India* from *San Francisco* towards *Nushagak*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							
3							
4							11 ³⁰ Left San Francisco bay in
5							Tow of S.S. Nushagak.
6							Draft leaving, forward 16, 8
7							aft 17-6 feet.
8							Light west wind, clear.
9							
10							
11							
12							T. Heidemann Master T. Koskinen Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.				Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							1 ⁵⁰ Point Bonita abeam
2							
3							
4	82		W	W.			Moderate west wind, smooth
5							6 ³⁰ slack out 15 fathoms of chain
6							Lights and lookout tender to
7			W.		78. log		7 ⁴⁰ Point Reyes abeam 4 miles off
8	19		W.	W.			Moderate W wind and swell
9							
10							Similar weather.
11							Lights and lookout att to.
12	12		W.	W.			Master T. Koskinen Mate

 Log of the *Star of India* from *San Francisco* towards *Nushagak*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							In tow of Nushagak.
2							
3							
4	13		W.	W.			Similar weather.
5							
6	7		W x S.	NW.			6 ⁴⁵ Set fore and aftersails.
7							
8	5		W x S.	NW.			Moderate breeze choppy sea overcast
9							Chiniquet and Fishermen quarters changed
10							and improved fire apparatus in place for
11							instant use. appointed Franklin for Chiniquet
12	17		W x S.	NW.			Similar weather.

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.	N 82 W. 100 mi	38-04	124-33	Noon 30-14	Noon	Noon	1 day out.
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Moder breeze choppy sea, overcast
2							
3							
4	18		W S W	W.			
5	4		W x S 1/2 S.				5 p.m. Turtled. fore and afters
6							
7							Moder breeze and sea overcast
8	16		W	W.			
9							
10							Lights and lookout tender to
11							Similar weather Barom 30-14
12	20		W	W.			Master Mate

Log of the *Star of India* from *Pan Francisco* towards *Kushagak*.

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Friday May 7th 1920</i>
2							<i>In tow of Kushagak</i>
3							<i>Light breeze moder W swell</i>
4	29.		W	W.			<i>overcast.</i>
5							
6							<i>Light westerly air smooth overcast.</i>
7							<i>Chinaguarters cleaned and inspected</i>
8	24		W	W.			<i>Fire apparatus in place for instant use</i>
9							<i>Hove in 8 fathoms of chain Ham</i>
10							<i>Light westerly air and calm.</i>
11							<i>Bar 30-14.</i>
12	26.		W 1/4 N	W			<i>Frank Weidemann Master T. Raskinen Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon 30-14.	Noon	Noon	<i>2 days out.</i>
Obs.	<i>N 64 W 134 miles</i>	<i>39-02</i>	<i>127-07</i>	p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Light SW air overcast smooth.</i>
2							
3							
4	27		W 1/4 N	SW			
5							
6							<i>Calm overcast.</i>
7							
8	27		W 1/4 N	calm			
9							<i>Lights and lookout tender to</i>
10							
11							<i>Familiar weather. Barom 30-10.</i>
12	26		W 1/4 N	calm			<i>Master T. Raskinen Mate</i>

Log of the *Star of India* from *Pan Francisco* towards *Kushagak*.

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Saturday May 8 1920</i>
2							<i>In tow of Kushagak</i>
3							<i>Calm overcast moderate swell</i>
4	26		W 1/4 N	calm			
5							<i>6 am Paid out 15 fathoms of chain</i>
6							<i>calm mod. swell overcast.</i>
7	18		W 1/4 N				<i>Passed Schooner Kenrietta flying signals</i>
8	6		SW	calm			<i>asking for provisions stopped provisions</i>
9							<i>given from Kushagak</i>
10							<i>Clear an smooth.</i>
11							<i>Fishermen on china prosters cleaned</i>
12	19		W 1/2 N	calm			<i>F. Weidemann Master T. Raskinen Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon 30-10.	Noon	Noon	<i>3 days out</i>
Obs.	<i>N 62 W 140 m</i>	<i>40-08</i>	<i>129-50</i>	p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>and inspected fire apparatus in</i>
2							<i>place for instant use</i>
3							
4	23.						<i>Light breeze overcast big westerly swell</i>
5							
6							<i>6 Hot top sails.</i>
7							
8	27						<i>Familiar weather</i>
9							
10							<i>Lights and lookout tender to</i>
11							<i>Familiar weather. Bar 30-6</i>
12	23						<i>Master T. Raskinen Mate</i>

Log of the *Star of India* from *San Francisco* towards *Kushagak*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Sunday May 7. 1892</i>
2							<i>In lee of Kushagak</i>
3							<i>In lee set gallant sails</i>
4	21		<i>W 3/4 N</i>	<i>S</i>			<i>Light breeze rain mod W swell</i>
5							
6							
7							<i>Light breeze overcast mod W swell</i>
8	25		<i>W 3/4 N</i>	<i>SSW</i>			<i>Reveries in forenoon quarters inspected</i>
9							<i>and cleaned fire apparatus in place</i>
10							<i>instant rain. Light air and calm</i>
11							<i>2 a.m. furled square sails</i>
12	22		<i>W 3/4 N</i>	<i>NW air</i>			<i>F. Waidemann Master</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	<i>4 days out.</i>
Obs.	<i>N 51 W. 14.3 m.</i>	<i>41-57</i>	<i>132-1</i>	p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>1</i>
2							<i>Set fore and aft sails at noon</i>
3							<i>and square sails at 1 p.m.</i>
4	26		<i>W x N</i>	<i>N x W</i>			<i>Strong N wind choppy sea over</i>
5							<i>Fresh breeze modern sea cloudy</i>
6							
7							
8	30		<i>W x N</i>	<i>NNE</i>			
9							<i>Light and lookout tender to</i>
10							
11							<i>Familiar weather. Bar 30-14</i>
12	29		<i>W x N</i>	<i>NNE</i>			<i>Master</i>

Star of India *San Francisco* *Kushagak* *May 7. 1892*

Log of the *Star of India* from *San Francisco* towards *Kushagak*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Monday May 10. 1892</i>
2							<i>Modern breeze and sea clear</i>
3							
4	27		<i>W x N</i>	<i>N</i>			<i>Wind getting lighter towards morning breeze</i>
5							<i>and fresh breeze at 5 a.m. mod sea</i>
6							<i>2 a.m. Berge's Thalesen's fisherman with 200</i>
7							<i>hurling up the fore gallant sail the two current</i>
8	26		<i>W x N</i>	<i>W x W</i>			<i>away and a black streak. Portland in</i>
9							<i>and down cutting on breeze and some</i>
10							<i>green. When the wind died away at 10 a.m.</i>
11							<i>long 15-20 mts and breezes were cleared and</i>
12	26		<i>W x N</i>	<i>N</i>			<i>in sail during forenoon brought down</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	<i>5 days out.</i>
Obs.	<i>N 51 W. 14.3 m.</i>	<i>41-57</i>	<i>132-1</i>	p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>1</i>
2							<i>Reveries and china quarters cleared</i>
3							<i>in inspected fire apparatus in place for</i>
4	27		<i>W</i>	<i>NW</i>			<i>instant rain. Took down gallant on royal yards in the fore</i>
5							<i>noon. When the wind died away at 10 a.m.</i>
6							<i>furled all square sails at 6 a.m.</i>
7							<i>and NW breeze clear smooth</i>
8	28		<i>W</i>	<i>NW</i>			
9							<i>Light and lookout tender to</i>
10							
11							<i>Light and lookout tender to</i>
12	26		<i>W x N</i>	<i>N</i>			<i>Master</i>

Star of India *San Francisco* *Kushagak* *May 10. 1892*

Log of the *Star of India* from San Francisco towards Kishnagok

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Ten low of Kishnagok
2							
3							Light NW breeze overcast smooth
4	27		W 1/2 N	NW			
5							Light air clear smooth
6							8 a.m. set all square sails but main and fore sail. Set fore and aft sails 10 a.m.
7							
8	27		W 1/2 N	E air			Fishermen's and China quarters cleaned and inspected fire apparatus in place for instant use
9							
10							Lightly breeze clear and smooth
11							Bar 30.20
12	28		W 1/2 N	ESE			Frank Wideman Master T. Haskin Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.	N 57 W 164 m.	44-35	138-32	Noon 30-20	Noon	Noon	6 days out.

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							
2							Light to mod breeze smooth sea cloudy
3							
4	30		W	ESE			
5							Light breeze in rain squalls
6							
7							Mod breeze rain squalls mod sea
8	31		W	ESE			
9							Lights and lookout tender to
10							Fresh breeze took on main royal
11							and gallant sail Bar 30-18
12	32		W 1/2 N	SE			Master T. Haskin Mate

Log of the *Star of India* from San Francisco towards Kishnagok

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Ten low of Kishnagok
2							Light breeze overcast smooth
3							
4	26		W 1/2 N	S			5 a.m. furled top sails. Similar weather
5							10 a.m. set top sails light breeze clear smooth
6							Fishermen's and China quarters cleaned and inspected fire apparatus in place for instant use
7							
8	26		W 1/2 N	SSW			
9							
10							
11							
12	27		W 1/2 N	SSW			T. Wideman Master T. Haskin Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.	N 56 W 172 m.	46-12	141-50	Noon 30-24	Noon	Noon	7 days out.

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Mod breeze smooth cloudy
2							
3							Set gallant and royal 2 p.m.
4	27		W 1/2 N	SE			
5							
6							Mod breeze smooth rain
7							
8	27		"	ESE			Lights and lookout tender to
9							Took on spencer 2 p.m. main royal 11 p.m.
10							Strong SE wind and rain rough sea
11							Bar 27-86
12	33		"	"			Master T. Haskin Mate

Log of the *Star of India* from *San Francisco* towards *Kushagak*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	Thursday	REMARKS	May 13 1720
1							In tow of <i>Kushagak</i>		
2							Took in gallant sail 12 midnight		
3							Strong wind moderating, choppy sea, so		
4	32		W 1/2 N	ESE					
5							So on made fast the four topsails light		
6							breeze mod. well, hazy weather		
7							Fishermens and China quarters clean		
8	26		" "	"S			and inspected fire apparatus in		
9							place for instant use		
10							Set topsails on main gallant sail		
11							during the watch		
12	28		" "	S			<i>T. Herdeman</i> Master <i>T. Haskin</i> Mate		

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
174				Noon 29.82	Noon	Noon	8 days out.
Obs.	N 56 W 114	47-49	145-27	p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1								
2							Fresh breeze clear mod. sea	
3								
4	31		W	S				
5							Moderate gale big sea, overcast	
6								
7								
8	32		W	S			Lights and lookout tender to	
9							Took on mountp mast, stowed 11 p.m.	
10							Southwesterly gale, big sea and squally	
11							Baron 27-80	
12	28		W	S			Master <i>T. Haskin</i> Mate	

Log of the *Star of India* from *San Francisco* towards *Kushagak*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	Friday	REMARKS	May 14 1720
1							In tow of <i>Kushagak</i>		
2							Southwesterly gale big sea and squally		
3									
4	26		W	S					
5							Similar weather		
6									
7									
8	24		W 1/4 S	S			Similar weather, pushed topsails 9 ³⁰ a.m.		
9							Fishermens and China quarters cleaned and		
10							inspected fire apparatus in place for		
11							instant use. Baron 27-81		
12	17		W 1/4 S	SSW			<i>T. Herdeman</i> Master <i>T. Haskin</i> Mate		

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
158				Noon 29-81	Noon	Noon	9 days out.
Obs.	N 56 W 163 m	49-21	148-52	p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1							Similar weather	
2								
3								
4	15		W x N	SSW				
5								
6							Similar weather	
7								
8	13		" "	" "				
9								
10							Lights and lookout tender to	
11							Similar weather. Bar 27-87	
12	10		" "	" "			Master <i>T. Haskin</i> Mate	

Log of the *Star of India* from *San Francisco* towards *Nushagak*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	DATE
1							In tow of Nushagak	May 15 1920
2							SEW gate big sea and squally	
3								
4	7		W x N	SSW				
5				"			Strong breeze still squally big sea	
6							Fishermen on China quarters cleaned	
7							and inspected fire apparatus in	
8	12		" "	"			place for instant use	
9							Moderate breeze big sea overcast.	
10							weather misty at times	
11								
12	14		West	"			<i>Frank Wiedemann</i> Master <i>T. Kaskinen</i> Mate	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
73.	Acc.	50-8.		a. m.	a. m.	a. m.	
				Noon 29.87	Noon	Noon	10 days out.
	Obs. N 51 W 64 m		150-18	p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	DATE
1							Set topsails at 2 p.m.	
2							Moderate breeze foggy at times	
3							big SW swell.	
4	19		W x S 1/2 S.	S				
5							Fog and rain, calm towards evening	
6							Made fast all sails at 7 p.m.	
7								
8	22		"	"				
9							Lights and lookout tended to.	
10							Familiar weather. mod head swell.	
11							Bar 29-20.	
12	22		"				Master <i>T. Kaskinen</i> Mate	

Log of the *Star of India* from *San Francisco* towards *Nushagak*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	DATE
1							In tow of Nushagak	May 16 1920
2							Light breeze cloudy mod head swell	
3								
4	21		W x S 1/2 S.	W				
5							Light breeze smooth sky overcast haze in	
6							bottom of chain 8-30 a.m. Bar 29-20.	
7							Fishermen and China quarters cleaned	
8	20		"				an inspected fire apparatus in place	
9							for instant use	
10							mod to fresh breeze squally weather.	
11							sea smooth.	
12	17		"				<i>T. Wiedemann</i> Master <i>T. Kaskinen</i> Mate	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
121.	Acc.			a. m.	a. m.	a. m.	
				Noon 29.76	Noon	Noon	11 days out.
	Obs. N 67 W 117.	50-47	153-9	p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	DATE
1							2 p.m. paid out 8 fathoms of chain	
2							fresh breeze squally big head sea	
3								
4	10.		"	W.				
5							fresh breeze squally big head sea	
6								
7								
8	5		"	"				
9							Lights and lookout tended to.	
10							Familiar weather and sea	
11							Bar 29-87.	
12	6		"	"			Master <i>T. Kaskinen</i> Mate	

Log of the *Star of India* from San Francisco towards Kishogak.

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	Monday	REMARKS	May 17 1920
1								In tow of Kishogak	
2									
3								Fresh breeze squally big head sea	
4	7		W x S 1/2 S	W					
5									
6								Similar weather	
7								10 a.m. set fore & afters	
8	10		"	W				Fishermen and China quarters cleaned	
9								and inspected fire apparatus in	
10	6		W x S 1/2 S	"				place for instant use choppy sea	
11								Fresh breeze partly clear Bar 30.00	
12	6		SW	"				Frank Hardman Master T. Raskinen Mate	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
50.	Acc.			a. m.	a. m.	a. m.	
	Obs.	N 77 W - 56 m	50-58	154-36	Noon 30.00	Noon	12 days out.

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	I
1							Fresh breeze and squally mod sea	
2								
3								
4	15		SW x S 1/2 S	W				
5							Similar weather big head sea	
6	7		"	"				
7								
8	5		NW	WSW				
9							Lights and lookout tender to	
10							Similar weather and sea	
11							Bar 30.10	
12	11		NW x W	"			Master T. Raskinen Mate	

Log of the *Star of India* from San Francisco towards Kishogak.

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	Tuesday	REMARKS	May 18 1920
1								In tow of Kishogak	
2								Mod breeze overcast big head sea	
3									
4	12		NW x W	WSW					
5								Similar weather and sea	
6									
7								Fishermen and China quarters cleaned	
8	15		WNW	"				and inspected fire apparatus in	
9								place for instant use	
10								Light breeze choppy sea	
11									
12	17		W x S 1/2 S	"				Frank Hardman Master T. Raskinen Mate	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
84	Acc.			a. m.	a. m.	a. m.	
	Obs.	N 64 W - 74	51-30	156-21	Noon 30.9	Noon	13 days out.

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	I
1							Light breeze mod sea rain at times	
2							Set main topsails 3 p.m.	
3								
4	17		W x S	SSW				
5							Wind hauling to west made fast all	
6							sails at 7 p.m.	
7								
8	23		"	W			Lights and lookout tender to	
9							Set fore & afters at 9 p.m.	
10							mod breeze cloudy mod sea	
11							Bar 30.20	
12	21		W 1/2 S	NW			Master T. Raskinen Mate	

Log of the *Star of India* from *San Francisco* towards *Kushagak*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							In tow of <i>Kushagak</i>
2							Took on fore and afters 2 a.m.
3							Fresh breeze clear mod sea.
4	15		W 1/2 S.	W N W			
5							6 a.m. set all fore & after sails mod breeze
6							clear, choppy sea.
7							China and
8	13		W S W.	"			Fishermens quarters cleaned and
9							inspected fire apparatus in place
10							for instant use
11							Similar weather
12	16		S W.	W.			<i>H. Widomann</i> Master <i>T. Harkness</i> Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
107.	Acc.			a. m.	a. m.	a. m.	
	Obs.	N 75 W - 102 m.	51-57	159-00.	Noon 30-37.	Noon	14 days out.

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Took on fore and afters 3 p.m.
2							mod breeze cloudy smooth.
3	16		S W.	W.			
4	2.		W x N	"			
5							Similar weather.
6							
7							
8	17		"	"			
9							Lights and lookout tender to
10							Same kind of weather.
11							Bar 30-26
12	17.		"	"			Master <i>H. Widomann</i> Mate <i>T. Harkness</i>

Log of the *Star of India* from *San Francisco* towards *Kushagak*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							In tow of <i>Kushagak</i>
2							4 a.m. set fore & after sails
3							Fresh breeze and squally
4	15		W x N	W S W			
5							Fresh breeze rain choppy sea
6							Fishermens good China quarters
7							cleaned and inspected fire apparatus
8	17.		"	SW			in place for instant use
9	5		"	"			Made fast fore and after sails
10							at noon.
11							Fresh breeze choppy sea
12	11.		N W.	W.			<i>H. Widomann</i> Master <i>T. Harkness</i> Mate

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
	Acc.			a. m.	a. m.	a. m.	
	Obs.	N 55 W - 89 m	52-48	161-1.	Noon 30-37.	Noon	15 days out.

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Fresh breeze and squally big westerly
2							swell.
3							
4	8.		W x N	W N W.			
5	2.		"	"			Set fore & after at 5 ³⁰ p.m.
6							Fresh breeze clear rough sea
7							
8	8		W S W.	"			
9							Lights and lookout tender to
10							Similar weather and sea.
11							Bar 30-22
12	13.		"	"			Master <i>H. Widomann</i> Mate <i>T. Harkness</i>

Log of the *Star of India* from *San Francisco* towards *Nushagak*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	Today	REMARKS	May 21 1920
1								In tow of Nushagak.	
2								Light breeze clear choppy sea.	
3									
4	16		W x S	NW					
5	4		"	"				Took in fore and afters 5 a.m. light breeze	
6								clear sea smooth Bar 30.32.	
7								Fishermen and China quarters cleaned	
8	13		W x N 1/4 N.	NNW				and inspected fire apparatus in place	
9								for instant use Have on 7 fathoms of chain	
10								11 a.m. set all fore afters clear and smooth	
11									
12	23		"	WSW				Bar 30.31.	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
87.				Noon 30-31.	Noon	Noon	16 days out.
Obs.	N 68 W - 85 m.	53 19	163-11.	p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	I
1							Light breeze clear smooth.	
2							Set main topsails at 3 ³⁰ p.m.	
3								
4	27		NW x W 1/4 W	SW				
5							Set fore topsails and gallant sails 6 a.m.	
6							Gentle breeze smooth sea overcast.	
7							10 ²⁰ Scotch cap light abeam.	
8	29		NW x W	S			Light southerly breeze smooth, rain.	
9	18		"	"				
10							Lights and lookout bendet to.	
11								
12	10		W	"			Bar 30-10.	

Master *T. Raskin* Mate

Log of the *Star of India* from *San Francisco* towards *Nushagak*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	Saturday	REMARKS	May 22 1920
1	6		W x N	SE			12 ⁴⁰ Scotch light abeam		
2	4		NW x N	"			Light breeze smooth clearing		
3	8		N x W	"			At Nushagak let go tow 8 ⁰⁰ a.m.		
4	14		N x E 1/4 E	"			in camp with 7 vessels		
5	11		NNE	"			calm and var light air fog and mist		
6							smooth		
7									
8	18		NE	calm			Fishermen and China quarters cleaned		
9							an inspected fire apparatus in place		
10							for instant use		
11							calm		
12	2		NE x N	SW			Bar 30-10.		

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Course and Distance for 24 hours run		55-10	164-17.	Noon 30-05	Noon	Noon	17 days out
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	I
1								
2	12		NE x N	SW			Light breeze smooth hazy	
3								
4	8		NNE	"				
5							Moder breeze mist smooth	
6								
7								
8	24		"	WNW			Look in main royal 7-30	
9							fresh breeze overcast choppy sea	
10							Lights and lookout bendet to	
11								
12	28		NE x N 1/4 N	"			Bar 30-8.	

Master *T. Raskin* Mate

Log of the *Star of India* from *San Francisco* towards *Kushagah*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Sunday</i>
2							<i>Fresh breeze and overcast smooth sea</i>
3							
4	31		NE-N $\frac{1}{2}$ N	WNW			
5							<i>Strong breeze overcast choppy sea</i>
6							<i>Fishermen on China quarters cleaned</i>
7							<i>and inspected fore apparatus in place</i>
8	35		"	"			<i>for instant use</i>
9							<i>hauled middle staysail fl girt ringtail gallant</i>
10							<i>and mainsail at noon</i>
11							<i>Strong breeze snow squalls Bar 30-00</i>
12	38		"	"			<i>T. Heidemann Master J. Raskin Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.	N 45 E 187 m	57-22	160-18	Noon 30-00	Noon	Noon	18 days out
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Made fast all sails but lower topsails</i>
2	17		NE-N $\frac{1}{2}$ N	WNW			<i>and hove vessel to on starboard tack</i>
3							<i>at 2 p.m. Strong breeze and snow</i>
4	5		SxW	WNW			
5							<i>Similar weather</i>
6							
7							
8	11		SSW	"			
9							<i>Light and lookout tender to</i>
10							<i>Similar weather</i>
11							<i>Bar 30-4</i>
12	10		"	"			<i>Master J. Raskin Mate</i>

Log of the *Star of India* from *San Francisco* towards *Kushagah*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							<i>Monday May 24 1880</i>
2							<i>Similar weather</i>
3							
4	5		SWxS	WNW			
5							
6							" "
7							
8	8		"	NW			<i>Fishermen on China quarters cleaned</i>
9							<i>and inspected fore apparatus in</i>
10							<i>place for instant use</i>
11							
12	8		SW	NW			<i>T. Heidemann Master J. Raskin Mate</i>

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.	S 33 W 40 m	56-49	160-58	Noon 30-22	Noon	Noon	19 days out
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1	1		SW	NW			<i>Hove ship 1- p.m.</i>
2							<i>Mod breeze overcast rough sea</i>
3							
4	10		NE-N $\frac{1}{2}$ N	"			
5							<i>Got fore sail main topsail and corner</i>
6							<i>gib. 6 p.m. mod breeze and sea</i>
7							
8	15		"	"			
9							<i>Light and lookout tender to</i>
10							<i>Similar weather</i>
11							<i>Bar 30-30</i>
12	18		NE-N	W			<i>Master J. Raskin Mate</i>

Log of the *Star of India* from *San Francisco* towards *Nushagak*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	Tuesday	REMARKS	May 25 1720
1									
2								Light breeze moder sea clear	
3									
4	20		NE x N	W				6 a.m. set fore up top sail	
5								Similar weather. Bar 30-34	
6									
7	14		NE 1/2 N	WSW					
8	5		NE	"				Fishermen and Chiniaguasters cleared	
9								and inspected fire apparatus in place	
10								for instant use	
11								Light breeze clear and smooth	
12	19		"	"				<i>J. Wideman</i> Master <i>T. Raskin</i> Mate	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon 30-52	Noon	Noon	20 days out
Obs.	NE 1/2 E - 97 mi.	57-37	158-19	p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1								
2	11		NE 1/2 E	WSW			Cape Greig abeam 2 ¹⁵ p.m.	
3	1		NE x N	"			Brisk breeze clear smooth	
4	12		NNW	"				
5							Wind hauling ahead, and the tide took	
6							the vessel over towards Ruchac Bay	
7							dropped port anchor and 60 fathoms	
8							chain in 11 fathoms.	
9							Position of ship at anchor lat 58-15 N	
10							long 158-17 W. crew keeping sea watch	
11							Lights landet to	
12							<i>J. Wideman</i> Master <i>T. Raskin</i> Mate	

Log of the *Star of India* from *Nushagak* towards *Bay*

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	Wednesday	REMARKS	May 26 1720
1							Wednesday May 26	Moder breeze and sea during the day wind	
2								increasing at night	
3							Thursday May 27	Waiting for tow boat. Thick fog all day and	
4							night	big SW swell in the morning, Moder SW breeze	
5									
6							Friday May 28	Fog in the morning and during day clearing	
7								Towards night, light southerly breeze	
8								Took down main royal and gallant	
9								yards. Watch and lights tendet to	
10							Saturday May 27 th	Unbend all sails. Anchor up 9-30 a.m.	
11								and in tow of Nushagak	
12							<i>J. Wideman</i> Master <i>T. Raskin</i> Mate		

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
				Noon	Noon	Noon	
Obs.				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	1
1							Let go anchor at nushagak bar	
2							9 ¹⁵ p.m. in 10 fath. of water	
3							30 fath. chain	
4							Moved up anchor 7 p.m.	
5							Anchored at P.H. cannery 11 p.m. 45 f chain	
6							Calm and clear	
7								
8							Sunday May 30 th	
9							Fishermen trappers and beachmen went	
10							shore for P.H. cannery 10 ³⁰ a.m.	
11							China gang went ashore at noon	
12							Light SW breeze clear in the morning overcast in the evening	
							mod SE breeze	
							<i>J. Wideman</i> Master <i>T. Raskin</i> Mate	

Log of the *Star of India* from towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	
1							Monday May 31 1920	
2							anchorage at P.H. Cannery	
3							Fresh S.E. breeze during the day.	
4							calming down towards evening	
5							overcast.	
6							Tuesday June 1st. Mod NE breeze clear.	
7							Discharged one lighter load of war	
8							cargo.	
9							Fishermen for blackies cannery	
10							Taken ashore. Loaded one lighter	
11							of war cargo. Weather similar	
12							F. Weidemann Master T. Roskamen Mate	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.				Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	
1							Thursday June 3d.	
2							Similar weather.	
3							Loaded one lighter of cargo.	
4							Friday June 4th. Light S.E. breeze cloudy.	
5							Loaded one lighter.	
6							Saturday June 5th. All cargo out. moved ship during	
7							the day. light S.W. breeze and calm.	
8							Sunday June 6th. Weather clear mod W. breeze.	
9								
10							Monday June 7th. Cleared ship ready to go ashore.	
11								
12							F. Weidemann Master T. Roskamen Mate	

Log of the *Harbor Light* from in New Hogab towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	
1							Tuesday Aug. 3th. 1920. Light easterly winds weather overcast	
2							Ship crew came on board at 8 ³⁰ A.M. taking	
3							out 100 tons of salt in two lighters, clearing	
4							the hold and making ready for salmon.	
5							Watchman on duty.	
6							Wednesday Aug. 4th. Fresh N.E. clear in the morning	
7							Light easterly air cloudy in the afternoon.	
8							crew took in 2098 cases of Express Br. salmon	
9							in the morning. watchman on duty.	
10							Bar: 29.44 (749 millim.) at noon.	
11								
12							F. Weidemann Master T. Roskamen Mate	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.				Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	
1							Thursday Aug 5th. Light var. winds cloudy weather	
2							crew sending up yards and binding	
3							some sails. Watchman on duty.	
4							Bar: 29.30 (745 millim.) at noon.	
5							Friday Aug. 6th. Light S.E. wind partly clear - crew	
6							hoisting remainder of sails and down var.	
7							other jobs. Watchman on duty. Bar 29.50 (750 millim.) at noon.	
8							Saturday Aug. 7th. Fresh S.E. cloudy weather, blowing	
9							all night. crew took in 148 cases of Initial and	
10							161 cases of Hodge Brand salmon. Watchman on duty.	
11							Salmon in the ship tonight: total: 4307 cases Bar 29.80 (756 millim.)	
12							F. Weidemann Master T. Roskamen Mate	

Log of the Harbor from *Nushagak* towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	I.
1							<i>Sunday Aug 8th 1920</i>	
2							<i>This 24 hours blowing from the S</i>	
3							<i>with light rain during the night.</i>	
4							<i>No work done today Watchman on duty.</i>	
5							<i>Bar: 29.94 (759 millim) at noon</i>	
6							<i>Moderated N. wind cloudy</i>	
7							<i>weather. 1 mate came aboard in</i>	
8							<i>the morning no work done today</i>	
9							<i>Bar 29.90</i>	
10							<i>North wind in the morning</i>	
11							<i>changing to E & S, towards evening</i>	
12							<i>light NW with showers no work done</i>	
							<i>during day, watchman on duty.</i>	
							<i>T. Heidemann Master T. Roskine Mate</i>	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.				Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	I.
1							<i>Wednesday aug 11th</i>	
2							<i>Light easterly breeze nice clear weather</i>	
3							<i>crew took in 1007 cases of Rocky point</i>	
4							<i>brand. Salmon and 6655 cases of arctic brand</i>	
5							<i>this day total in the ship today 11767 cases</i>	
6							<i>lower floor 11473. Ships draft 15-5 forward</i>	
7							<i>17 aft., when lower floor finished 7 high</i>	
8							<i>Ship Indiana left today at 10 am</i>	
9							<i>watchman on duty Bar at noon 29.40 (747)</i>	
10							<i>Thursday aug 12th</i>	
11							<i>Light S. E. in the morning fresh breeze</i>	
12							<i>in the afternoon light mist and rain</i>	
							<i>crew took in 6798 cases of ^{Arctic Brand} Rocky point</i>	
							<i>T. Heidemann Master T. Roskine Mate</i>	

Log of the Harbor log in from *Nushagak* towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	I.
1							<i>Total in the ship to night</i>	
2							<i>18967 cases. Watchman on duty</i>	
3							<i>Bar noon 29.64 (752)</i>	
4							<i>Friday aug 13th</i>	
5							<i>Moderated S. E. wind sky overcast. took</i>	
6							<i>in 106 cases of arctic 1016 case Hatherly</i>	
7							<i>and 4415 cases of Hunter Br. total 5537</i>	
8							<i>in the ship Tonight 24504 cases of salmon</i>	
9							<i>finished lower hold 2 pm lower hold</i>	
10							<i>contains 23244 cases. Ships draft</i>	
11							<i>18-2 forward. 19. aft. watchman on duty</i>	
12							<i>Bar noon 29.92 758 mill</i>	
							<i>T. Heidemann Master T. Roskine Mate</i>	

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.				Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS	I.
1							<i>Saturday aug 14th</i>	
2							<i>Moderated S. E. breeze sky overcast</i>	
3							<i>Took in our last salmon 1750 case hunter</i>	
4							<i>brand 1245 plain and market w.p. 32 cases</i>	
5							<i>marked S. E. all told 3027 cases. In the</i>	
6							<i>afternoon crew took in stores empty</i>	
7							<i>boreels all told in the ship 27531 cases</i>	
8							<i>of Salmon watchman on duty bearing</i>	
9							<i>an raising from south all night</i>	
10							<i>Bar at noon 30-18 (763 millim)</i>	
11								
12							<i>T. Heidemann Master T. Roskine Mate</i>	

Log of the Harbor Log from Musagah towards

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							Blowing an raining from S
2							all night and day no work done
3							to day watchman on duty
4							Bar 29-90 (759m)
5							Monday aug 16th
6							Light S.W. and clear weather. chas
7							gang came on board in the morn
8							crew took out the sprived an he
9							up starboard anchor, 45 fathoms
10							of chain on the port anchor
11							crew came on board 1-45 p.m.
12							Steamboat Musagah gave us

Dist. by Log	Course and Distance	Latitude	Longitude	Barometer	Thermometer	Inches in the Well	Bearing and Distance
Acc.				a. m.	a. m.	a. m.	
Obs.				Noon	Noon	Noon	
				p. m.	p. m.	p. m.	

H.	K.	F.	COURSES	WINDS, &c.	LEE-WAY	DEVIATION	REMARKS
1							hawser an took us in tow
2							at 2 p.m. Bar 29-90. This on
3							harbor log an civil time ship
4							draft when everything was on
5							anchors included 19-6 forward
6							20-3 aft.
7							
8							
9							
10							
11							2 45
12							F. Woodman Master T. Raskin Mate

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