

Remarks on board July 15th 1858
 This day strong winds from S.W.
 Came by 6 at 1 PM saw
 the land 2 fathoms of shore dist 5 leagues
 then steering N.W. by compass at 4
 PM Sailed found 4 fathoms of
 water at 20 minutes past 4 the
 ship struck bottom hard
 Land from 5 to 10 miles dist
 we then made all attempts to get the
 ship afloat. Cleared up all sail
 Load abate and damaged
 the bottom found the most water
 of shore by this time the faults had
 come up along side the ship found away
 the bottom hole and seem to work
 towards the land I then by the
 Standard order and commenced
 taking out and heaving over board
 Oil water and provisions to lighten
 the ship at 10 PM the wind changed to
 S.E. had lifted the ship by this
 time she seemed to be quite close on the
 bottom then made all sail had set
 the gills remains ship seemed to
 work of shore at 10 PM Sailed
 in finding the ship afloat after
 losing Oil Water Provisions and 45 fathoms
 chain as soon as
 afloat I found the ship to have a
 single motion then sounded the
 pumps found 3 feet of water in the
 hold then set both pumps to go in
 at 1 1/2 feet the ship

were about

which S.E. course S.W. ship up on
 wind I soon found the ship to
 be Leaking 4000 strokes per hour
 the ship seemed to be holed
 and others were badly stranded
 My mind fully made up to steer
 for the nearest port

Later just which S.E. ship an
 anchored each ship seemed to work
 and pumps all most constantly
 at work at about 8
 in the morning saw and spoke
 ship Helen Augusta Cap. Jones
 I went on board and
 succeeded in getting a wedge
 frame then found the ship
 seems to be gone to down to all
 appearance and spikes loose in
 Cabin deck hauled out
 several with fingers

Ship Langaree 14 Days from N. Bed
 Large sperm whale got foul line but
 from him lost the whale
 So Ends

Langaree Cruising for sperm a
 small Massépro saw a
 galled sperm whale going quick
 the wind spruce land but 20 M. S. S. S.
 So Ends about the 10th of March
 1860

The Good Ship Gonzague Bound

This day Lying to with Moderate gales from N.W. & Ship on S. tack

Lat 49° 04'
Long 62° 58'

Behmway 10th 1860 I find my Chronometer to be about 20th by timing of her rate all together running at mean time without any rate at all

of the Isle of St. Marks

Remarks Sunday Mch. 16th 60
Ship Gonzague Cruising for Spum

Lat 26° 30' & Long 77° 30'
I am now about 50 miles from home with no oil when shall I get some I do hope before long

April 3rd Day 1860 Lat 12° 35' Long 79° 35'
at 4 P.M. I saw & took 3 Blackfish
the next morning Boiler then art working 95-92

Apr 5th caught one Blackfish making 40 gal -

Rate of Old Chron June 16th is 8^m 04^s
to agree with true had 2nd per day to
I agree with true time

Round Cape Horn Dec 30th 1859

Bark Gonzague Cruising for Spum
June 4, 1860 Lat 19° 40' Long 89° 40'
Saw Spum Whales on the 18th of May
Lat 20° 26' Long 90° 00'

Remarks June 14th up to this time
No Change

Left Copenhagen Sept 10th 1860
arrived in St. Thomas on the 24th Septem
Stade there 14 Days then left went
in to Lat 15° N Long 85° W. Stopt there
2. months thence to the Galapagos Islands
Got Sam Torrafim then Darrin in the
Long 104. Lat 5° here I saw the ship
Louisiana Capt. Kelley she had
taken 200 for the last 6 weeks

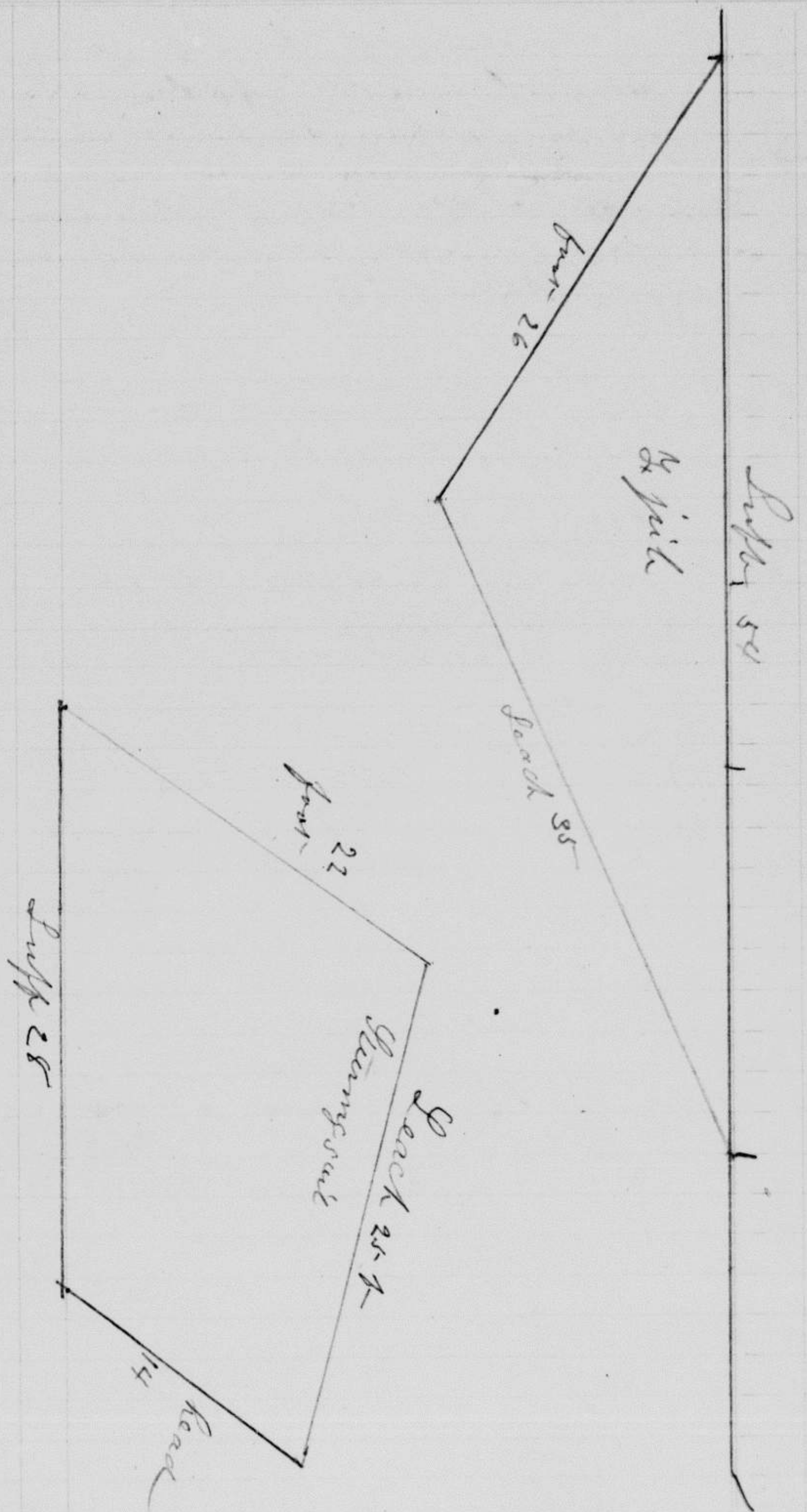
This is January 12th 1861 here I have
lost a Boat & Boat's Engine went
off in the night & I hope they have got
to the shore or some worse place

Spoke Bark Franking 12th 1861
Capt. Gifford of the Bark Franking has got the
hops of his oil in Lat 22° 20' to 30° N
Long 84 to 86 the best made from
July to Novem

Saw S.W. Behmway 12th 1861 Lat 60° Long 155° 50'
God Chance got none

Lat & Longd For Wright Whales

of Chiley Oct. 8. Now
 island Linnus just in and out
 of sight from mast head Lat about 45.00
 in Dec & Janney Lat from 43.20 to 30
 Long 84 to 88 this is in Dec & Janney



making
 1 -
 m S
 8.04
 1/2

Form of Notes

Negotiable Note

by
Salmon March 15th 1852
For Value Received I Promise
to pay John Hunt or order Fifty
Dollars in 6 Months
\$50.00 C.D

Joint and Several Note

Given by
Twenty after Date we Jointly
and Severally promise to pay
C. H. or order Fifty Dollars
Value Received Joseph Telle
John Hicks

\$25.00 Note on Demand with interest
For Value Received I Promise
to pay J. S. or Order Twenty five
Dollars on demand with interest
C.D

An Order
Mr. M. will please
pay to Mr. J. or Bearer 10 dollars
and charge the same to my
account
Oct 18th M. N.

Borrowed Money One bills

10 Sept / 52
Given Borrowed and Received of William Lee
Fifty Dollars which I promise to
pay on demand with interest
12
2¹⁰ C.D

A Bill of Exchange

For 500 Dollars
Bingham Sept 15th 1852
Twenty days after Date
of this first of Exchange (second
and third of the tenor (and
date unpaid) pay to the order
of James Heath in London
Five hundred dollars value
Received and Charge the same
to account of Weston Schiff

January 17th, Sperm Whales

Jan 17th	Lat 16.23	Long 80.00
24	15.59	80.05
26	15.25	80.00
Feb 4	15.24	80.04
9	15.33	79.40
20	15.00	80.30
26	14.30	80.20
	14.27	80.32

8122.411520 864111180.09

42
46
2

Abstract from Ship's Officers Log Book
Whales seen on Cape Cod ground

Aug. 25	Lat 20.05	Long 87.40
29	Lat 20.27	Long 88.00
Sep. 3	Do. 20.20	88.09
13	Lat 20.17	Long 87.36
15	20.38	88.20
Sep. 27	19.37	Long 87.33

Next Season

July 7	Lat 17.30	Long 89.20
10	18.53	90.50
11	19.11	89.50
26	19.30	90.00
Aug. 3	18.50	89.45
9	19.58	90.35
28	19.57	91.20
29	19.45	91.35
Sep. 2	19.04	90.22
11	19.40	91.15
22	20.39	90.33
25	20.40	89.40
Oct 7	20.25	89.10

Capt Lawrence Saw W Whales

Lat 43 20 Long 84 to 88 Dec 8 & 9

Capt Luce in Morning Light Saw W Whales

Oct Nov & Dec Lat 43.30 Long 76.00

Capt Webb in Immunity Saw W Whales in

Dec 17 Lat 44.46 Long 77.10

to Nov Lat 42.30 Long from 76 to 77.30

1861 & 1862

Capt Luce of Morning Light got his Sperm
oil West of Guiffre Wh. of Shore.

Bark Congaree Journal 1860

Commence April 15, 1860 This Day arrived
an archer ground Lat 19.35 Long 89.40
& from this time, May the 18,
Saw Sperm Whales, one Lat 20.25
Long 89.50 Land No Success they
much disappointed

Remarks Sunday May the 20th 1860
Strong breeze from E.S.E Ship on
Cape Cod So much
Saw a large School grampus Lat 20.33, 89.50
this day seen many strong breeze

Remarks on Monday 21-
Strong breeze and squally
Middle and latter the same Lat 20.25-21.12

Remarks Tuesday, 22. Fine weather at 4 P.M. saw Breach
Made and went a Mizen Staysail
Lat 20.35 Long 90.21

Breach Lat 20.30 Long 90.21
From the blue man to the first quarter
Strong breeze & rugged

From the first quarter to the full moon
Fine weather

Saturday June 2. Very light
breeze and pleasant about full moon
Lat 20.07 Long 88.56

Sunday July 8th Fine weather Crossing
at 2 P.M. saw Sp. Whales Land No
Success Lat 18.40 Long 91.42 S.W.

Bark Congaree Log on Tucker ground
July 18, 1860
at 12. Meridian saw 8 Land for
Sperm Whales No Success & Ships
in Chase July 18.5th
Lat 18.50 Long 91.55

Remarks July 26. Fine weather & ships in company
at 2 P.M. the Constitution Land for S.W.
Chase No Success the Congaree seems to take
the lead of about all the ships at
5 1/2 P.M. I rose sperm whales Land
No Success as usual

Remarks Aug 7. Fine weather
Saw S.W. Lat 18.50 Long 92.05

Aug 24. Saw S.W. Lat 19.35 Long 91.30
Do. Blackfish ground looks lively for Sperm Whales
this whale was going quick Land No Success
on the 11 Sept - Left the Arching ground
blowing strong Made Patch on the 23.
got letters on the 25th came to Cyther in
Yankee trades 11.12. Went out then
on the 10th of Oct Left Tombas
for an other Cruise on the line and
Else where on the 23 of Oct saw
Sperm Whales large bodied of them all gain
to windward got Name of them
Lat in 1.30 Long 85.30
Oct 23. 1860 S.W.

On of June 12, 1861 saw S.W. Lat 6.00 Long 105.50
Came here on the 1. January seen
S.W. only once

Saw B Fish Lat 5.00 Long 104.44
Saw them and got them three ground
looks good February 15

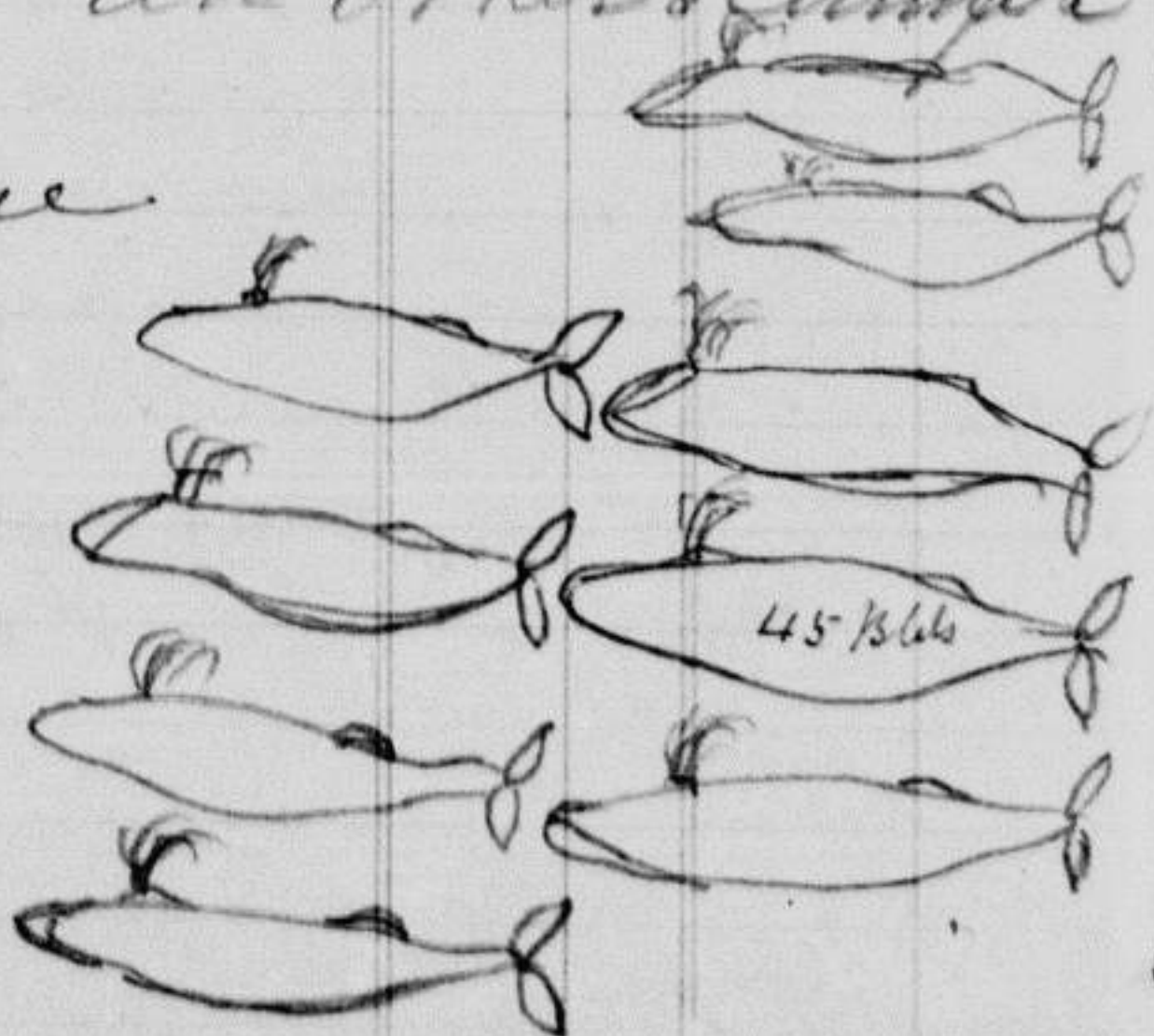
February 24, 1861 Lat 50° Long 105.25 - Cruising
 on the 1st of March Left the of Shore bound South
 Lat in 6.50 Long 1.10

Remarks Thursday 7th Mch 1861
 This Day Sam Spruce Whales found got 2
 at 5 PM took them to the ship but one
 of them in next mor but in the other
 would them out only made 50 bls (25 bls)
 Bound to Galles, Lat 19° Long 114.20 (25 bls)
 arrived in to Colles about the 15th
 of April Left there on the 27 of April
 touched at Paty on the 4 May
 Left on the 6th
 and from the 6 of May up to the 28 of
 July I have been in Humphreys
 Long. Cany. Lost her. Struck her
 on the 28 of July I have been in Humphreys
 once and now am going in a gale
 Expect to be at anchor the first day of
 August I do hope I shall do well
 July 29th 1861

July 29th Made the land near Attecamas
 when close in Sam & took a Humphreys
 took her long side at 7 PM next morning
 Out her in July 31 drop down to N of
 of Attecamas then anchored looking
 for Humphreys

on the 2 of August got an other Humphreys
 on the 9 got an other one

These whales
 make me 300 bls



Sept. 18th at 7 AM sent 2 Boats in shore
 then got underway with ship & took in an
 arrival at 10 AM found the ship in very cold
 water sounded found 4 for them the
 next cost found 8 feet before the next
 cost ship that hit the bottom once and
 went clear the ~~Pratt~~ old
 Attecamas Bone Dist 8 miles

on the 23rd Sept Left Attecamas Bound
 of Shore Spinn Whaling how struck
 about 20 Humphreys and saved 10
 making 300 bls on the 24 Sept at 4 PM
 Sam & found for Spinn Whales West
 but struck and got nothing



Oct 1861

Tuesday 6. Oct 1861
at 5 P. M. Saw and board
for sperm whales got one tuck him
the ship at 6 P. M. at daylight cut
him in lat 8 in the morning saw
them again saw got 3 tuck them
to the ship at 5 P. M. commenced byling
and the first one at daylight commenced
cutting at 11 all in made sail
commenced byling again

Wednesday at 3 P. M. finished byling

Lat. 2.00 Long 80 Saw the whales



Stole down 65 lbs on Tuesday 14th Oct

Saw Sperm Whales Nov 4th Lat 1.50 North
Long 90.10

Saw got one next morning cut him
in made all sail

Stole down 24 lbs

Saw Sperm Whales Nov 10th Lat 1.50 Long 90.10
~~Stole down 24 lbs~~

Cangaree Left Port Dec 15 1861
Bound on off shore on the 5 of
January in the Lat of 5.15

Long 102.15 Saw a school of
sperm whales board struck one held
tuck him Long Side at 10. Ene

Next morning commenced cutting at 2 P. M.
all in commenced byling Tuesday
11 A. M. finished byling cut 60 lbs

Lat 102.15 Long 5.15



January 10. Saw the Emma C. Jones
Yakhe a large whale Lat 5.16 Long 103.10
I hope to get one myself soon

arrived on 7 shore January 4th 1861
got 65 lbs the whale on 5th stole on off shore
until January 23 then left for south
Left Lat 5.40 Long 106.00
the ground looks dull here

Remarks February 15th My Lat is 33.40
Long this day at 4 P. M. is 96.55
Tuck the trader in Lat 30.00 have had
fresh winds from the south for the last
5 days hope it will continue for 5 days
more at the end of that time shall be up
with Masafurno

Ship Cangaree arrived of Masafurno
February 23. 1862 and stayed off shore
Long 1.07 Lat 5.50 here I do hope to get
some sperm oil Jan 28 wants also
with 1500 lbs and do pray send me a
Horned Whale soon

Chronometer Rate of Masafurno 23 February
by giving her 15 M. 33.5 Subtracted 4.5 seconds
for day Subtracted

Left Masafurno 20th March arrived in
Selebore about the first of April
Left Selebore about the 20 of April Crossed
the Tropic Ground then in to the Coast
Lat 22.30 then shaped my course for
Archer Ground Nam its May the 9
in Lat 20.00 Long 79.40 Canoe W. S. W.

Arrived
Cangaroo on Archer ground May 19 1862

This Day May 19 Spoke Bark Cuddeker Capt
Hisher She had seen whales & tried in
and made saw them in Lat 20, Long 89.40

Saw plenty of Blackfish Lat 18.20 Long 89.00
May 9, 1862

May 22, Lat 19.30 Long 89.45 Cangaroo
Cruising for S.W. in grate hopes to get
some soon

Saw what I call a Spinn Whale
June the 7th Lat 19.00 Long 92.30

Sunday June 15 Saw a ship Chasing
whales Lat 19.20 Long 92.20
Board Chase no success

Left Archer Ground June 19, 1862
Made there just one month saw
nothing Bound to Charles Island
Strong Trades Course N. by W

Remarks Saturday July 26, 1862
This day found myself lost in the East
Lat 50 Miles South I saw for Humphach
For the first time got near at 5 PM
Came to anchor close in shore
Sunday Mr got underway sent the boat
Long shore in search of H.B. at 3 PM S.B.
Struck then cut off his line and
Came home

Monday the hauled in mist an other one
that finished this day 28 July
lying of and Lat 30 M South

On the first of August arrived
on atacama ground

Commenced H. backing Trade there
until the 15. of Sept got 5 H. backs
making 150 Bbls oil then left on
account of the scarcity of Whales

30 30 40 35 35
150 Bbls Humpbacks Taken
Season Aug 1862 atacamas

Now I am cruising on atacamas
ground in search of sail Sept 23
1862

Lat 1.40 Long 81.00
When shall I get some sperm oil I do
hope before long

Oct 17. 1862 at 5 AM Saw and
saw for sperm whales Chase them
all day with no success
Lat 0.16 South Long 85.02

Sunday Oct 25th 1862
Saw sperm whales Lat 1.35 South
Long 81.15 Chase them all
day to no success

Careg one in Lat 1350 Long 81.00 Jan 29, 1863

on the 28 of Oct 1862
Arrived into Yambas by the
10 day then up to Paty
Left Paty to hunt the 20th
of Nov and since that time have
been cruising from the Lat 12
Long 86 to Lat 13.40 to Long 81.00
Now it is Jan 29, Lat 14.20 Long 80.45
Have seen no whales since
as yet I shall leave her soon
for South

Friday 27 of February, 1863

Lat 8625 Long 33.35 - Harmed
to Massapequa. Have had a long
passage from Cape George to
here. May I have the winds from
East into a trade No whales to be
seen if I could get a whale it would
be better to us all

Arrived at Massapequa Mch 4, 1863
on the 11. Saw a sperm whale going to
landward and shot her for him
now it is the 13 of Mch and there is
a boat 10 ships here all in sight of
Massapequa

Friday May 22 1863

Commence with light winds from
NE Course SW by compass all sail
out at 2 PM Set the Mizzen topmast
down on deck

Made fast strong winds from
NE and stick masts at 5 in
the morning the wind hauled to
the SE and commenced to blow a
gale took in sail down to a
close reef Main topsail and
foresail hove the ship to heading
SEW at Merriam blowing a
very heavy gale So Ends
M O

Demerits Saturday 23 May
Commence with heavy heavy gales
from SE ship hove to on Lashona
took at 2 PM the wind let go
all at once down to a dead calm
the ship rolling and tumbling very badly
at 3 PM the wind sprang up
a gain from the same quarter and
in one hour time the wind was
blowing all most a complete hurricane
the ship lying to under fore close reef
Main top sail and fore topmast
topsail and foremast took
tride the pump found the ship
had not made any more water
then usual

Made fast the wind blowing
the same and the sea very large
tride the pump a gain found the ship
had commenced to leak quite bad

at 3 o'clock in the morning
Shift a heavy sea which drove
in the ship fore and aft except
a very 2 Bauls from the ship
broke off Dunt's Stone Murch's sale
both sides. Trade the pumps a gain
immediately found the ship was
leaking 400 strokes per hour at
daylight in the morning the wind
seem to fall at 7 the wind had
subsided to a moderate gain
Ship at leaking 450 strokes per hour

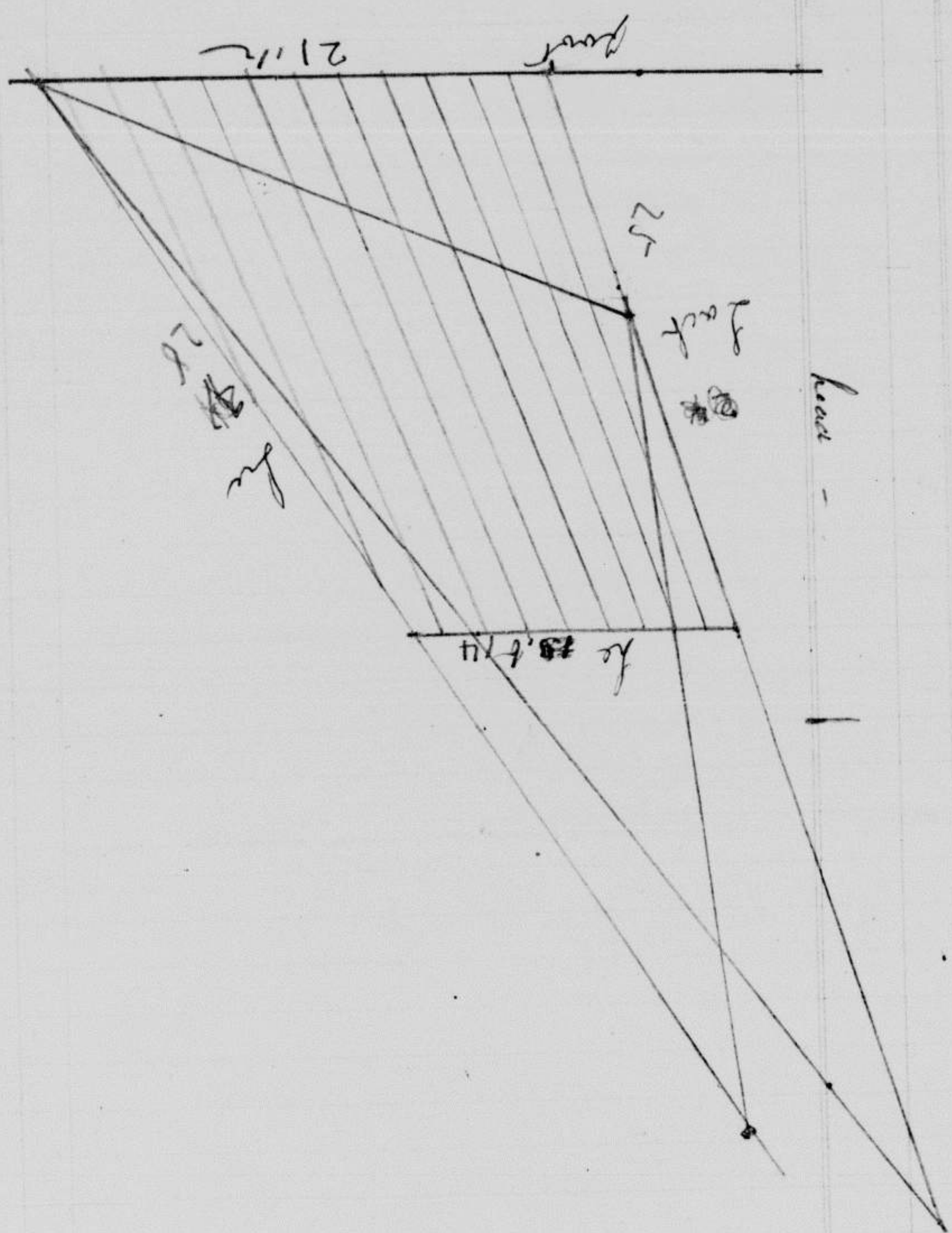
Later part ^{only} commence to examine the
ship found the water & was coming
in from under the beams at the
same time discovered one of the
forecastle upper deck beams was
broke in to, and the deck had settled
down 4 inches Duntson put all a drift
and the deck a round the fore was
had risen up 6 inches

So ended with moderate gales
from S E ship bore to on Larchwood bath

Sunday 24.
Commence with moderate gales
from S E ship bore to on Larchwood
bath Captain held a consultation
with the officers and ^{the} immediately
decided it best to return the
ship in to port for repairs. Then
were ship and made what sail
the ship would lie hocking to the
ship leaking 300 strokes per hour
at this time

The wind going down but a
very large sea & running
Middle part the same
Later part commence to examine
the ship a gain more thorough found
found the fore deck was working
badly at the fore cobbins work
working a drift
Middle part strong winds from
S E ship by the wind are disturbed
took ship leaking 250 strokes
per hour

Later part the same
at 37.10. Long



$\frac{31}{31}$

Blackfish Oil Taken on board

at ——— Barb. Cangaroo
 Do ——— one time
 Do ———

95 Gals
 410
 1.00

$\frac{275}{340}$

A Mount of Oil Taken on Cangaroo

Blk	46 B	50
138	241	121 H
138	243	124
140	218	160
121	258	139
128	210	156
197	222	159 H
221	219	161
224	219	136
218	145	150
240	136	168 H
238	139	159 H
220	104	131 H
214	134	132
140	106	137
140	137	120
121	138	167 H
220	219	108
120	215	148
194	243	133
177	234	152 H
Blk 112	240	140
	218	158 H
236	134	165 H
242	137	166 H
158	222	188 H
214	216	179 H
193	224	126 H
180	238	80 H
	238	138 H
	237	90 H
	127	164 H
	105	143 H
	137	166 H
	124	125 H
	136	139 H
	157	
	153	136 B8
	140	149
	140	142
	135	122
	232	20
	217	106
	138	157
	132	126
	239	200 Blk
	240	
	135	
	214	
	160	
	107	
	108	
	104	
	108	
	300 Blk	

Names of Officers Belonging
to Ship Liverpool and there
Logs

Mr. James Jonathan Log	1st mate	1/19 11
Mr. Charles John 2nd mate	2nd mate	1/35 11
Mr. Thomas Nathaniel 3rd mate	3rd mate	1/34 11
Charles Davis Boatswain	boatswain	1/75
Joseph Stanton Barlue	barlue	1/70

Ship Liverpool Chronometer

On the 3 of January I found
my Chronometer to be 15. miles
out of the way by the N.E. Cape of
Pangloss with a poor
Observation.

My Ship is to the West of
my Chronometer
a hour 15 Miles

I on the 3 of January I took
1 minute of my Rate which
makes it 34.16 Sec in Almanac

$$\begin{array}{r} 56 \\ \times 6 \\ \hline 336 \\ \times 6 \\ \hline 402 \end{array}$$
[illegible]

Oil Taken on board ship Liverpool

BH	BH	BH	56	45	29	S.O.	S ⁸⁰	H ¹¹⁰
164	197	144	257	147	185	138	191	191
127	144	257	297	164	178	129	186	186
252	184	277	337	224	201	264	202	202
204	273	161	165	154	217	185	202	202
222	164	159	095	111	178	191	202	202
297	141	180	220	110	171	270	202	202
146	139	191	217	171	101	177	202	202
172	213	278	154	161	151	289	202	202
162	264	278	166	154	185	275	202	202
150	121	181	169	164	186	288	202	202
137	129	259	284	157	147	286	202	202
336	184	166	272	127	174	281	202	202
757	121	267	133	260	211	202	202	202
150	114	195	181	260	266	186	202	202
143	189	232	163	083	143	171	202	202
193	286	232	142	083	271	171	202	202
263	204	312	176	086	165	190	202	202
297	289	260	250	177	178	146	202	202
164	290	260	230	177	170	176	202	202
164	141	303	230	166	170	176	202	202
148	141	286	268	166	170	176	202	202
164	141	286	268	166	170	176	202	202
185	233	280	268	166	170	176	202	202
234	174	282	275	268	271	268	202	202
133	132	283	274	270	260	183	202	202
133	135	276	273	270	260	183	202	202
263	189	276	125	273	230	193	202	202
176	189	190	146	266	174	175	202	202
172	112	157	161	165	153	183	202	202
305	275	138	172	230	151	271	202	202
264	233	125	049	230	191	200	202	202
282	227	045	086	230	168	175	202	202
312	220	212	071	243	154	2183	202	202
283	192	171	272	206	175	175	202	202
267	265	185	212	223	186	223	202	202
271	191	172	258	223	200	200	202	202
274	104	164	228	130	155	106	202	202
185	191	154	191	163	211	163	202	202
188	242	145	154	154	211	154	202	202
188	146	113	360	187	238	187	202	202
188	150	264	133	127	166	127	202	202
127	301	266	108	257	147	257	202	202
130	302	306	120	257	147	257	202	202
132	266	270	120	257	147	257	202	202
143	284	274	175	257	147	257	202	202
135	272	133	350	257	147	257	202	202
276	255	175	750	257	147	257	202	202
276	166	181	167	257	147	257	202	202
144	169	181	167	257	147	257	202	202
144	169	181	167	257	147	257	202	202
144	169	181	167	257	147	257	202	202
259	153	274	186	257	147	257	202	202
187	260	195	186	257	147	257	202	202
187	194	276	186	257	147	257	202	202

A list of Shops belonging to me

2 Beggs shot - 50.00 at 12	6.00
24 p Boots - 4	96.00
24 p Shoes 1.50	36.00
3 p Mass delam 132 y at 25	33.00
10 97 at 25	24.25
Goods of various kinds	308.68
Goods of various kinds	214.50
137 Gas prints at 15	0.20.00
4.50 lbs soap at 12	54.72
24 p shoes at 150	36.00
24 thick shirts at 200	48.00
24 p Crows at 100	24.00
24 p pants at 200	48.00
1 Bot Syrup 12 bottles at 125	15.00
20 dollars for fancy things	20.00
	984.15

Sperm oil Continued on board ship Liverpool taken Dec 21. 1852

S.O.	H.O.	W.O.
185	190	196
196	168	176
211	186	186
175	144	158
223	177	188
180	166	174
167	166	174
168	166	174
164	166	174
158	166	174
172	166	174
158	166	174
256	166	174
225	166	174
270	166	174
3,000	166	174

Whaling Signals ^{are} taken when the boats
of. Whales and the weather been haul up the
weather etc Main If Gales whales on the weather
how haul up the weather etc So If some whales
have haul down yit whales of the he how ceepay
haul down yit Lee haime to Lee greater wave
If haul down yit whales stow wave stop
Signal up whales if whales down signal down
2 ropes for stow wave haul 1 signal for down whale

May 31st 1850. 60th & Long 17.5.18
gauge of barometers in different weather
when like rain and clear " 29th 6/10
when thick weather and Light breeze from S 29th 6/10

July 16, 1851 Date of old channel at this time 321.9
Lossing Bayley 2. Decarts

[illegible]

Jayne of Spencer March 1851

Inc of oil Taken on board Enterprise at 49

[illegible][illegible]

[illegible]

March 12, 1851

Old Brown agreeing with
Percy March 12. by giving her
a rate of 32% but agreed at this
time

March 31 Rate of old
Chambers 19
38

March 31. Rate of Old
Chronometer 32.35 at that Date
Losing Daily $1\frac{1}{2}$ Seconds per
Day

March 31. 1857

Dec 23 Liverpool
bought into
Barnard's

38 feet from end to end

Wth of Cap. crust - $12\frac{3}{4}$ inches

Mrs. Weston L. Swift

$$\begin{array}{r} 47 \\ 4 \\ \hline 188 \\ 23 \\ \hline 211 \end{array}$$

YB