Aug 31st Took two large whales.
Lat 31.15 S Long 163.20 E

Sept 8th Took two large whales.
Lat Long

Sept 11th Took one large whale
Lat 31.00 S Long 167.56 E

Nov 1st Took one whale
Lat 00 30 S Long 167.00 E

Nov 11th Took three cow whales.
Lat Long

Nov 23rd Took three cow whales.
Lat 1.20 S Long 173.30 E

Dec 22nd saw sperm whales.

Dec 23rd saw sperm whales. Lat 1.25 S Long 171.50 E

Dec 24 saw sperm whales Lat 1.18 S Long 172.20 E

1853

Jan 19th Took one whale Lat 4.30 S Long 175.50 E

Jan 22nd saw sperm whales Lat 2.31 S Long 176.31 E

Feb 2nd Took one whale Lat 3.40 S Long

Feb 3rd saw sperm whales.

Feb 21st Took two cow whales. Lat 3.06 S
Long 174.54 E

Feb 26th saw sperm whales.
Lat 3.25 S Long 174.35 E

Mar 1 Took two whales.
Lat 3.34 S Long 174.55 E

Nov 4th saw whales.
Lat 2.53 S Long 172.50 E

Mar 24th saw whales Lat Long

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m s		m s
Off 31.45		on 31.45
on 31.15		Off 31.15
130		130
add 15		sub 15

Sexton Error

Moons Sem D
15.35
15.43
8
15 3
15.46

Moons HP
57.07
57.34
27
5
57.12

aug 12th 1860
S E Point Java
Saw a number of H. backs

Dist	Sun	Moon	Time
63.52.30	53.55	35.47	2.18.32
51.45	54.18	35.27	2.20.20
114.15	108.13	71.14	4.39.12
63.52.01	54.06	35.37	2.19.36
15.30	12	20	6 Err
15.46	54.18	35.17	2.19.42

64.23.53
4.8.31
5.15.50
1.22
63.49.36
65.11.27
1.21.51

4979
6964
9.9551
0.5434

4979
2384
0.3196
1.0559

3423
2731
6486

2.40.56
2.19.42
21.14 Rate

Sun and Moon
N A Dist
If drawing apart take under
If drawing together take the one over

Chro Time 3.48.35
4.26.10
8.14.45
4.07.22
21.02
28.24

Moon
12.00.00
4.22 Eqn
04.22
28.24
35.38

Equal Altitudes
Longitude

Chro time
3.31.28
4.43.35
18.15.03
4.07.31
12
16.07.31
21.02 Rate
16.28.33

Moon
12.00.00
4.23 Eqn
12.04.23
12
24.04.23 Ship time
16.28.33 Chro time
7.35.50
Long 113.57 E

January 7th 1862

Dist	Sun	Moon	Chro
86.12.00	52 17	38 23	1.30.25
16.18	12	20	
15.08	52.29	38.03	

86.23.26
4.16.28
5.01.57
1.48
86.03.39
85.02.51
1.00.48

5166
1066
9.99993
6.61653

5166
2162
11.2413
1.7681

4714
3366
1348

Sun time 2.11.38
Chro time 1.30.25
diff 41.13
Chro Rate 38.32
2.41

Moon Sem D
14.58
14.54
04
0
14.58
10
15.08

HP
54.48
54.36
13
2
54.47

E. Long