998. **Squally.**

Monday Sept. 1st 1856.

Begins with fresh breezes from E. S. E. and squally steering W. S. W. with the gaff topsail and spanker in, middle and latter part steering the same course with the main top gallant sail out, one sail in sight to windward.

So endeth. Lat. By obs. 13°.33'. Long. By Acc 86°.48'.15".

999. **F. T. G. Sail.**

Tuesday Sept. 2nd 1856.

Commences with brisk trades from E. S. E. steering W. S. W. with the top gallant sails and fore topmast steering sail out, saw a shoal of porpoises, middle part brisk breezes, latter part rather more moderate steering the same course, and repaired the fore top gallant sail.

So endeth. Lat. By obs. 14°.37'. Long. By Acc 83°.47'.15".

1000. **Wm. Beaumont.** 44th **Bour. Days before the first quarter.**

Wednesday Sept. 3rd 1856.

Begins with pleasant breezes from E. S. E. steering W. S. W. at 3½ P. M. changed the course to W. by S. middle and latter part pleasant trades steering the same course, at 9 A. M. saw a sperm whale working to the Windward, but so near that he was gallayed by the Ship before we came to the wind, did not lower the boats as we lost sight of the whale altogether, and shortly after saw a finback or humpback, Started a cask of beef.

So endeth. Lat. By obs. 15°.10'. Long. By Acc 81°.09'.45". Var. 4° W.

1001. **F. T. M. Staysail.**

Thursday Sept. 4th 1856.

Commences with moderate trades from S. E. steering W. by S. with the topmast studding sail out, the watch repairing the fore topmast staysail, middle and latter part light breezes steering the same course, finished repairing the fore topmast staysail and bent it.

So endeth. Lat. By obs. 15°.47'. Long. By Acc 78°.34'.00".

1002. **Fore Topsail.**

Friday Sept. 5th 1856.

Begins with light trades from S. E. and S. S. E. steering W. by S. under all Sail, middle and latter part wind from S. S. E. to South steering the same course, and repaired the cotton fore topsail.

So endeth. Lat. By obs. 16°.06'. Long. By Acc 76°.16'.00". By Lunar, 76°.15'.45".

Chro.	☉'s Alt.	☉ Dec.
12°.18'.50"	50°.30'	6°.39'.40"
12°.19'.35"	50°.39	4.47
24°.38'.25"	101°.29	6°.44'.27"
12°.19'.12"	50°.44	1°.54
3°.17'.45"	11	76°.47'.33"
9°.01'.27"	50°.55	
4°.06'.31"	16°.10	,01752 Secant.
5°.05'.04"	96°.43	,00299 Co-ocant.
	163°.48	
	81°.54	9,14891 Co-sine.
76°.16'.00"	50°.55	
	30°.59	9,71163 Sine.
		18,88105
		9,44052
		2°.08'.04" App. time.
		1°.33 Equation
		2°.06'.31" Ship's time.

Taken on board Bark Smyrna of New Bedford, Mass. Sept. 5th 1856. at 1h.55m. P. M. per watch, while on her passage from the Straits of Sunda towards Mauritius.

☉'s Alt.	☉'s Alt.	☉'s Alt.	☉'s ∆D	☉'s HP
54°.23'	59°.00'	64°.06'.10"	14.49	54.22
53.46	59.44	64°.07'.20"	14.52	54.32
108°.09'	118°.44'	128°.13'.30"	.03	.10
54°.04'	59°.22'	64°.06'.45"	.02	.07
11	20	15.55 ☉ ∆D	14.51	54°.29'
54°.15'	59°.02'	15.05 D. ∆D	14	64.38
16°.10'	,01752	64°.37'.45"	15°.05'	54.15
96°.43'	,00299	59.24		59.02
167°.08'		32°.14' XIX.		177.35
83°.34'	9,04940	1°.11' XII.		88.57
54°.15'		1°.14' XII.		24.17
29°.19'	9,68987	(66) .22' X.		34.49
	18,75978	64°.12'.10"		
	9,37989	62°.57'.02"	(4)3400	
		1°.15'.08"	3794	
			0394	= 2°.44'.24"
				18°.00'.00"
				20°.44'.24"
				25°.49'.27"
				5°.05'.03"
				76°.15'.45"

9,9560	9,9560
,2447	,2447
,0403	1,2370
1,9424	,2288
2,1834	2,1645

9°.51'.00" Ap. time.
1°.33 Equat.
1°.49'.27" Ship's time. Long. 76°.16'.00"
24°.00'.00" Long. 76°.15'.45"
25°.49'.27" Diff. 00°.15
5°.05'.04" Long in time.
20°.44'.23" Lat. time.

1003. **All Sail.**

Saturday Sept. 6th 1856.

Commences with brisk breezes from S. to S. S. E. steering W. by S. p. S. with all the standing sails set, middle part fresh breezes, latter part strong breezes from S. S. E. steering W. by S. p. S. under the topsails and courses.

So endeth. Lat. By obs. 17°.01'. Long. By Acc 73°.09'.00".

1004. **Rugged. F. Finback.**

Sunday Sept. 7th 1856.

Begins with strong breezes from S. S. E. and rugged steering W. by S. p. S. under the topsails and courses, at 3½ P. M. changed the course to W. by S. again, middle and latter part brisk trades from S. S. E. steering W. by S. with all Sail set on the fore and main masts, and saw a finback.

So endeth. Lat. By obs. 17°.44'. Long. By Acc 70°.20'.30".