

On the 1st September I had a meridian altitude, which gave the Latitude  $73^{\circ} 37' 18''$  N., and altitudes for time, whereby the Longitude at noon was deduced by means of the six chronometers,  $77^{\circ} 24' 59''$  W. Wherefore assuming a fresh departure at noon, Sept. 1, I work to the greatest Westing at 6, P.M. Aug. 31.

*From 6, P. M. August 31st, to September 1st.*

	S.W. by S.	124°	East.	16	..	..	16	..	Latitude.
9½	S.W.	125	S. 7¼ pts. E.	22	..	3,2	21,8	..	Noon, 1st Sept. .... 73 37 18 N.
14	S.W. by W.	127	S. 6¼ E.	21,4	..	7,2	20,25	..	Diff. Lat. .... 0 25 42
18	W. by S.	133	S. 4¼ E.	10,4	..	6,3	8,4	..	Lat. 6, P.M. 31st Aug. 74 03 00 N.
20	N.W. by W. dim.	130	S. ½ E.	3,4	..	3,5	0,35	..	
21	N.W.	127	S. ¾ W.	2,4	..	2,5	..	0,35	
22	N.W. by W.	128	S. ¼ E.	3	..	3,	0,1	..	
24									
						25,7	66,9	0,35	
							66,45		

66, 55 = Log. 1,82315  
 75° 50' = Sec. 55328

1,37843 = 5° 59' Diff. of Long. Easterly.  
 Long. 6, P.M. 31st Aug. 81 25 59 W.

By working forward from the 29th August, .... Latitude, 74° 02' 12"  
 By working back from the 1st September, .... Latitude, 74 03 00 Longitude, 81° 06' 21" N.  
 Longitude, 81 25 59 W.

**EDWARD SABINE.**