

Declination May 16<sup>th</sup> - 19<sup>th</sup> - 21<sup>st</sup> " "  
 Cor for of time table 90 - gives 12 not used  
 Polar Dist -  $\frac{70-58}{109-2}$

o true alt 14 49 ✓  
 Latt 23-15 - Suent 03678  
 Polar Dist 109 - 2 Cor 02142  
 Sum - 147 06

Half sum 73-33 Corisig 45206  
 o true alt 14 49 ✓  
 remainder 58 - 1/4 sine 9-93184

2) 19.41510

off time h an 2 sine 9.72255

off time 4 14 56 at ship

off time 0 20 5 at ~~Greenwich~~ +

Large 3-54-51 in time

11 44 33  
 Large 58 42 3/4 in

July 15<sup>th</sup> 1824 in Latitude 18-10 W and Longitude by account 72 W  
 about 9 o'clock A.M. ship time the suns observed altitude was 58 3/4  
 at the same time the chronometer was 2 11 10 which on the 21<sup>st</sup>  
 of June was 2 10 fast of mean time at Greenwich and losing  
 1 3 per day required the true Longitude of the place of  
 observation

time by chronometer o. alt 58-58 3/4 Declination 28-31 3/4  
 2 11 10 off alt 51-10 correction 58  
 original error  $\frac{2-10 \text{ reposition}}{2-8-55 \text{ true alt } 51-9}$  1 Sun's Cor. Diff 32 29

Loss in 24 Days  $\frac{36}{29-51}$

Latitude 18-10 W Suent 02221  
 Sun's Declina 21-32 08144  
 0-22 1/2 nat cosine 99827  
 Sun's true alt 51-9 nat sine 77879  
 Diff 21948 its log 4-34143  
 time before noon 2-15-47 rise 4-39508

Subtract from 24-00  
 off time at ship July 14 21-14 56  
 Equation of time 5 32  
 mean time at ship 21-20-28

mean time at Green 26 9-31  
 Longitude in time 4-49-3 72° 15' 43"