

May 16 - 1826 Declination 19° 2' 08"
 Polar Dist - 70° 0' 0"
 109 2

True alt 14-49
 Lat in 23-15' bearing 02678
 Polar Dist 109-2 Cosine 02442
 Sum 147-06
 half sum 73-33 (Cosine)
 True alt 14-49
 remainder 58-44 sine 9.93184
 2/19.44510
 Sine 9.72255

app. time at ship 4-14-56
 app. time at gr 0-20-5
 change in time 3-54-53
 11-44-33
 Longitude 58-42-45

May 16 - 1826 at 4-15 PM Lat 23-15' Long 58-50' E
 Obs alt 38-49
 Dist 14-40 the obs Distance 108-58-30
 time of obs 4-15

Increased time 52 Semidiameter
 20 46m mid night
 16-2 58-57
 16 9 59-17
 7-26
 16-2 58-52
 10
 76-12

Obs alt 38-49 Obs alt 14-40 Obs Dist 108-58-30
 app. alt 39-01 app. alt 14-52 app. Dist 109-30-33
 true alt 14-49

Sine of app. Dist A 9.945 Tang of app. Dist B 1.504
 Cosine of app. alt 5908 Cosine of app. alt 2010
 Prob log Sine Par 4854 Prob log Sine Par 4854
 1.0305 1.1368

A 76-8
 B 13-8
 27-9
 app. Dist 109-30-33
 first Cor 29-9
 109-01-24
 2 Cor 5-35
 True Dist 109-04-59

108-54-6
 110 31-41
 1-37-35 Prob log 2669

True Dist 109-04-59
 First Dist 108-54-6 Prob log 1.2185
 0-10-53 9526
 Prob of time 20-5