

To Find the Longitude by a Chronometer

Chronometer	Observations
N. N. 1	h. m.
9. 49. 53	17. 07 Observed
9. 50. 14	17. 07. 2. Altitude
2) 19. 40. 17	2) 34. 07. 4
9. 50. 05 Mean Time	17. 04. 4. and Altitude
1. 24. 07 Daily Rate	1. 0. Correction
6. 25. 24 True mean time	7. 1. 4. Latitude
3. 01. 49 Apparent Time	9. 0. 2. 4. Polar Distance
5. 24. 09 Difference of Time	2) 17. 0. 0. 6. Longitude
	65. 0. 4. Half Sum
	17. 0. 4. Altitude
	67. 0. 0. Remainder

Longitude
 41. 03
 06. 20
 67. 42

	Logarithm
2. 54. 12 Apparent time	25 8 11
0. 02. 37 Equalization time	0 0 2 72
3. 01. 49 True time	2 3 4 44
	6 0 6 65
	7 1 6 1 96
	5 8 0 9 8