The South Latitude of the Moone was —— 0. 4. 56. 38
Therefore the difference of Aſcenſions will be — 14. 6. 0
The Diurnall motion of the Moone —————— 14. 24 0
Therefore the Moone proper motion anſwerable to
the difference of Aſcenſions is ——————— 0. 33. 50
Which added to the Moones true place at midnight 23. 33. 18
Giues vs the Moones true place reduced to
the Ecliptique at her Culmination at London — 24. 7. 8

Now becauſe the ☾ Southern Latitude was 4. 56. 38, the Arch therefore of the Ecliptique comprehended betweene the Moones true place and the culminating point of the Ecliptique will Trigonometically be found to be 54:38. which added to the ☾ true place before found giues vs the culminating point of the Eclipti. 25. gr. 1. m. 46. ſ. which is leſſe then that found at *Charleton*: the difference being 3. 8. 24. therfore is the place of Obſeruation Weſterly of *London*. Hauing therfore the ☾ Diurnall motion & the difference of the ſeueral culminating points we conclude the Meridian of *Charlton* to be diſtant frō this of *Lōdon* 5. h. 14. m. of time or 78. 30. of the Equator.

The difference betweene that of the Eclipſe, and this latter obſeruation is only 4. minutes of time or one degree a difference eaſily pardoned, eſpecially if wee ſhall compare the ſame with ſome other places, yea euen ſuch as border neerely on each other. To giue an inſtance on 2 eminent places which lye in the heart of Europe, Rome & Norenberg: Their difference of Longitude Regiomontanus makes 36. Werner 32. Appian 34. Mæſtlin and Origan 33. Stofler 18. Maginus 26. Schoner 12. Mercator and Hondius as much. Stadius 13. Ianſonius 10. Kepler by 2 obſeruations on 2 Lunar Eclipſes, but 4 minutes of time.

This varietie among theſe great Artiſts, will I hope pardon vs this difference of 4. m. and be a means to incourage our Engliſh Sea-men and others, to make ſuch or the like obſeruations in forraine parts as the heauens ſhall be offred vnto them.

H. GELLIBRAND.