

14 Oct Sight Reduction.

No. 1. G.M.T. 09 21 25 Hs 46 14 1/2 (8 mins later)
 LHA 0 08 00 00 303 27.8' 15' off Lat 37 08 1/2 S
 01 21 25 20 21.3' 00' off Long 00 22 1/2 E
 Long E + 323 48
 LHA 324.11 1/2

Log hcr 35 46 1/2 8.97548
 Log cos 37 08 1/2 9.90154
 Log cos 08 02 9.99572
 8.87274
 hcr d lat 29 06 1/2 .07459
 .06319
 Hc = 46 26
 - Hs 46 23 = 3' away

Az.
 L. Sun LHA 355 00 9.76716
 L. Co dec 9.99572
 L. Long 36.4334 10.16166
 Log 57° 9.92459

(A) →

← (B)

No. 2. G.M.T. 11 56 48 Hs 60 36 Lat as above.
 LHA 0 10 00 00 323 28.1' 14.75' off Long as above.
 01 56 48 29 12.0' 13.5' off Dec 08 05 S.
 Long E + 00 22.5' 60 45'

Log hcr 03 02 1/2 8.97236
 Log cos 37 08 1/2 9.90154
 Log cos 08 05 9.99572
 8.74383
 hcr d lat 29 03 1/2 .06056
 .06294
 Hc = 60 40 1/2
 - Hs 60 45 = away 3 1/2'

Az.
 L. Sun 03 02 1/2 8.72360
 L. Co dec 9.99566
 L. Long 36.2906 10.31193
 36. 9.03119
 Az 60.
 = 354

Stickler refers to this as the 'Long Old method'.
 And page 285 as the 'short method'.