

\* Dubna 12 510 from table 12 B  
 20  
 polar Dist 102-51  
 \* true alt 40-21  
 Lat 23-28 S secant 0.9744  
 polar Dist 102-51 cosec 0.1102  
 sum 2/166 40  
 half sum 83-20 cosine 0.06181  
 \* true alt 40-21  
 remainder 59 sine 9.83365  
 k m 18.94697  
 2 48 28 sine 9.47348  
 \* RA 9 28 46 West of Meridian add  
 sum 2-17 14  
 3 16 54 always such tract  
 9-00 20 app time at ship 3 14 57  
 10-00 10 3 18 42  
 2-59 50 6 33 49  
 8-59 30 3 16 37  
 44-57 30

May 12 1826 at 9-2 AM Lat 23-28 S Long 43-30  
 2 obs alt 10-58  
 11-08  
 \* regulus 40-20 the obs Dist 31-23 45  
 true obs of - 2 semidiameter  
 range in time 2 58 min 15-16 HD 56-01 min  
 given time 12-00  
 15-19  
 app alt 10-56 \* app alt 10-26 obs Dist 31-23 45  
 15-19  
 app alt 11-08 \* app alt 40-21 app Dist 31-08-26  
 A B  
 sine of app Dist 7/352 Range of app Dist 9-7811  
 cosec \* app alt 1888 cosec app alt 7142  
 pro log Hor par 5070 pro log Hor par 5070  
 0.4093 1.0023  
 70-08 app Dist 31-08-26  
 B 1754 + Cor 52-14  
 52-171 30-16-12  
 near from table 3 35  
 true Dist - 30 19-47  
 30 19 52  
 28 46 45  
 1-33-07 pro log 2862  
 30 19 47  
 30 19 52  
 5 pro log 3-3345  
 pro log H m s H in  
 0 0 10 3-0483 12 0  
 true time