

Longitude "calc" with DR long=92° 13', **Lon revised 92° 52'**

**Sight Properties**

Sight | Time (UTC) | DR Shift | Config | Parameters | Calculations

Type: Lunar ☒ Magnetic Azimuth

Celestial Body: Spica Time

Limb: Far

**Find Celestial Body**

Latitude: 46° 46.0000' N Longitude: 092° 13.0000' W ☐ Boat Posit

**Sight Properties**

Sight | Time (UTC) | DR Shift | Config | Parameters | Calculations

Type: Lunar ☒ Magnetic Azimuth

Celestial Body: Spica Time

Limb: Far

Lunar distance (LDOpc) Moon

**Lunar Results**

|                 |                     |                |
|-----------------|---------------------|----------------|
| LD cleared      | UTC revised         | UTC change (s) |
| 33° 51.8098'    | 2025-12-17 12:37:50 | 158            |
| Lon revised     | Lon error (')       | Pos error (nm) |
| 092° 52.5000' W | 39.50000            | 27.05636       |

Same lunar. Longitude "calc" with DR long=150° 00', **Lon revised 150° 39.5'**

**Sight Properties**

Sight | Time (UTC) | DR Shift | Config | Parameters | Calculations

Type: Lunar ☒ Magnetic Azimuth

Celestial Body: Spica Time

Limb: Far

Find Celestial Body

Latitude: 46° 46.0000' N Longitude: 150° 00.0000' W ☐ Boat Posit

**Sight Properties**

Sight | Time (UTC) | DR Shift | Config | Parameters | Calculations

Type: Lunar ☒ Magnetic Azimuth

Celestial Body: Spica Time

Limb: Far

Lunar distance (LD0pc) Moon

Lunar Results

LD cleared: 33° 51.8098' UTC revised: 2025-12-17 12:37:50 UTC change (s): 158

Lon revised: 150° 39.5000' W Lon error ('): 39.50000 Pos error (nm): 27.05636