Planet Sight

DR latitude: Chosen Latitude:

DR longitude: Log reading:

Month Day: Time:

Zone or longitude to time:

Day & time @ Greenwich

U.T of sight (hour minute and second) HOUR MINS SECS

For the hour of the sight HOUR find: GHA: and Declination:

increment MINS SECS + + - "d" for MINS :

"v" correction

= G.H.A @ time of sight

= Declination @ time of sight

Chosen longitude (-West + East)

= Local Hour Angle

Sextant altitude

+/- index error

= Observed Altitude

Dip -

=Apparent Altitude

altitude correction

additional corr:

= True Altitude

Tabulated Altitude:

Intercept

Towards / Away

(Tabulated tinier = towards)

Enter sight reduction table with Chosen Latitude, Declination and Local Hour Angle:

360/180

"Hc" "Z"

'd' correction for ' of dec. "ZN"

Tabulated Altitude