

D.R. Position			
<b><u>Chosen Latitude</u></b>			
Body Observed			
	d h m	d h m	d h m
Date and Z.T.			
Zone	_____	_____	_____
Greenwich Date			
D.W.T.	h m s	h m s	h m s
D.W.E.	slow + fast -	slow + fast -	slow + fast -
<b><u>G.M.T.</u></b>	_____	_____	_____
Tabulated GHA	v	v	v
Increment			
<i>v corr</i> or S.H.A.	_____	_____	_____
G.H.A.			
± 360° if required			
<b>Chosen Longitude</b>	W- E +	W- E +	W- E +
L.H.A.			
(360° - LHA if required)			
<b><u>TAB. H.A.</u></b>			
Tabulated Dec.	d	d	d
<i>d corr</i>			
Dec.	same contrary	same contrary	same contrary
<b><u>Tab. Dec.</u></b>			
Dec. Diff / Dec. Inc.			
Tab. Alt.	$\Delta d$ d±	$\Delta d$ d±	$\Delta d$ d±
1st Alt. Diff. ±			
2nd Alt. Diff. ±			
$\Delta d \pm$ / D.S. diff. ±			
<b>Corr. Tab. Alt.</b>	Az. True Bg	Az. True Bg	Az. True Bg
<b>Sextant Alt.</b>	I.E. Dip	I.E. Dip	I.E. Dip
Ht. of Eye $\sphericalangle$	_____	_____	_____
I.E. + Dip			
Apparent Altitude			
Altitude Correction Tables	HP	HP	HP
<b>True Altitude</b>			
Corr. Tab. Alt			
<b>Intercept</b>	to from	to from	to from
<b>Run</b>			
<b>Obs. Position + Time</b>			

## Werkwijze

- De Estimated Position (D.R. Position) wordt berekend dmv Traverse Tables uit Nories' Nautical Tables of met een zakcalculator
- Greenwich Date en G.M.T. voor D.R. Position berekend met de tabellen 'Conversions of Arc into Time'
- G.M.T. → G.H.A → L.H.A. and declination
- Het formulier kan gebruikt worden voor Sun, Moon, Planets en Selected Stars
- Latitude by Polaris heeft een apart formulier
- **Sun and Moon can be combined as the Moon is often visible during daylight**

## **Explanation**

- The Estimated Position (D.R. Position) is calculated using Traverse Tables from Nories' Nautical Tables or a scientific calculator
- Actual Greenwich Date and G.M.T. are calculated using the tables 'Conversions of Arc into Time'
- G.M.T. → G.H.A → L.H.A. and declination
- The form can be used for Sun, Moon, Planets and Selected Stars
- Latitude by Polaris has its own form
- **Sun and Moon can be combined as the Moon is often visible during daylight**

## Intercept:

**HoMoTo** : Height observed More Towards

Height Observed (= True Altitude) > Height Calculated (= Corrected Tabulated Altitude) →

intercept is towards and vice versa

This form is compiled by Peter G. Overlaet. It is best used with the most popular Tabular Method of Sight Reduction ie. H.O. 249 Sight Reduction Tables for Air Navigation (Vols 1, 2, 3) in conjunction with the current Nautical Almanac (commercial edition)

D.W.T Deck Watch Time

D.W.E Deck Watch (Time) Error