PLANET SIGHT PRO FORMA

De Zeezeilers Zeezeilschool — RYA TRAINING CENTRE

Planet:

Date:

EP/DR: ° ′ .x — N / S / E / W

Sextant Reading

Hight of Eye — m

Index Error — on / off

	h	m	s
LMT Civil Twilight			
(1) Long Time			
UT Civil Twilight			

	m	d
Greenwich Date:		
Chronometer		
Correction		
UT Sight		

	° ′ .x	
Sex. Alt.		
I.E.		(off +, on -)
(2) DIP		(-/-)
Apparent Alt.		
(3) Alt.corr.		
(4) Add.corr.		(-/-)
True Alt. (Ho)		

		° ′ .x	
(4)	GHA h		v= (+/-)
(5)	+ Incr m		
(5)	v'		(+/-)
	GHA		
	Ass. Long		W-/E+
	LHA	00' .0	

	° ′ .x	
(4) Decl.		N / S d= (+/-)
(5) d'		(+/-)
Decl.		N / S

Assumed Latitude: ° N / S

(6) SRT Table: / / — SAME if Ass. Lat and Decl are both N or S, CONTRARY when not

LHA: °

	° ′ .x		
Hc' (6)		d= (+/-)	Z =
Correction (7)		/	Decl ' rounded to the nearest minute
Hc			
Ho			
Intercept	′ .x	To / Away	Zn =

(difference Ho and Hc)

if Ho < Hc, Away

if Ho > Hc, To

if N, if LHA > 180, Z = Zn, if LHA < 180, Zn = 360 - Z

if S, if LHA > 180, Zn = 180 - Z, if LHA < 180, Zn = 180 + Z

(1) Arc to Time	Nautical Almanac
(2) DIP	Nautical Almanac
(3) Altitude Corrections	Nautical Almanac
(4) Daily pages: Planets	Nautical Almanac
(5) Increments and corrections	Nautical Almanac
(6) LHA (Lat/Decl)	Sight Reduction Tables
(7) Table 5 Min Corr to Altitude	Sight Reduction Tables

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