SUN SIGHT PRO FORMA

De Zeezeilers Zeezeilschool — RYA TRAINING CENTRE

Date:

EP/DR: ° ´ .x — N / S / E / W

Sextant Reading (lower / upper)

Hight of Eye: m

Index Error: on / off

h m s

Ship time

(1) Zone Time (in E -, W +)

UT time

m d

Greenwich Date:

Chronometer

Correction

UT Sight

° ´ .x

Sex. Alt.

I.E. (off +, on -)

(2) DIP (-/-)

Apparent Alt.

(3) Alt.corr.

True Alt. (Ho)

° ´ .x

(4) GHA h

(5) + Incr m

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

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

Ho

´ .x

Intercept To / Away Zn =

(difference Ho and Hc) if Ho < Hc, Away

if Ho > Hc, To

(1) Standard Zone Times

(2) DIP	Nautical Almanac
(3) Altitude Corrections	Nautical Almanac
(4) Daily pages: Sun	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

v202501