

Astro Sight Pro-Forma



Object

SUN

Date

29

09

Day

Month

Log

14 + 0

Course

9

T

D. R. Latitude

43 °

15.5'

N

S

D. R. Longitude

16 °

27.1'

E

W

TIME

16^h

22^m

23^s

m

s

Slow +
Fast -

14^h

22^m

23^s

Corrected Time
GMT/UTC

Sextant Corrections

Index
error

Off +
On -

0 + 5'

Height
of eye

2.5m

- 2 + 8'

ALM-282

- 3 + 3'

Dip

Sextant obs. alt.

22 °

52 + 5'

+

3 + 3'

-

2 + 3'

Ref.

+

14 + 1'

Limb

-

1 + 0'

ALT CORR

True Altitude

23 °

1 + 0'

Nautical Almanac

ALM-199

GHA

14^h

32 °

26 + 8'

ALM-269

Incr.
for

22^m

23^s

5 °

35 + 7'

Total GHA

38 °

2 + 5'

Dec

14^h

2 °

39 + 3'

N

S

'd'

+

1 + 0

0 + 4'

Total Dec

2 °

39 + 7'

N

S

Sight Reduction Tables

Chosen
Longitude

15 °

57 + 5'

+ E

- W

LHA

54 °

Chosen
Latitude

43 °

N

S

Dec

2 °

39 + 7'

N

S

RED-325

Hc

23 °

56 + 5'

'd'

45.7

+

26.5 +

3.8

30 + 3'

+

-

Calc. Alt

23 °

26 + 2'

True Alt.

23 °

1 + 0'

25 + 2'

To.

AW.

N. Latitude

If LHA > 180° Zn = Z

If LHA < 180° Zn = 360 - Z

S. Latitude

If LHA > 180° Zn = 180 - Z

If LHA < 180° Zn = 180 + Z

Z

360 °

118.2 °

Azimuth (Zn)

241.8 °

Intercept

If true > calc. Alt then
intercept is towards