

Astro Sight Pro-Forma



Object

SUN

Date

29

09

Day

Month

Log

+

D. R. Latitude

43°

2.1'

N

D. R. Longitude

16°

24.2'

E

Course

T

TIME

10^h

36^m

05^s

Slow +
Fast -

8^h

36^m

05^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.

35°

47 + 0'

+

3 + 3'

Ref.

-

1 + 4'

ALT CORR

Limb

+

14 + 7'

LL

True Altitude

35°

57 + 0'

Nautical Almanac

ALM-199

GHA

8^h

302°

25 + 5'

ALM-274

Incr.
for

36^m

05^s

9°

01 + 3'

Total GHA

311°

26 + 8'

Dec

8^h

2°

33 + 5'

N

'd'

+

1 + 0'

0 + 6'

Total Dec

2°

34 + 1'

N

Sight Reduction Tables

Chosen
Longitude

15°

33 + 2'

+ E

- W

LHA

327°

Chosen
Latitude

43°

N

Dec

2°

34 + 1'

N

S

RED-283

Hc

36°

06 + 0'

'd'

52.3

+

28.4 +

1.3

29 + 7'

+

-

Calc. Alt

35°

36 + 3'

True Alt.

35°

57 + 0'

N

S

20 + 7'

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

137.7°

Azimuth (Zn)

137.7°

Intercept

If true > calc. Alt then
intercept is towards