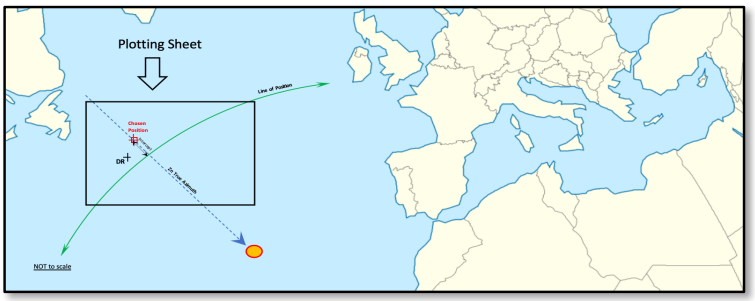
DATE _____

DR LATITUDE __ __ ° __ __ . __ ' N / S

DR LONGITUDE __ __ __ ° __ __ . __ ' W / E



Sun Sight Pro forma

SHIPS CLOCK __ __ : __ __

ZONE TIME WEST (+) EAST (-) __ __

__ __ : __ __ UT

DATE IN GREENWICH _____

SEXTANT ○ __ __ ° __ __ . __ '

INDEX ERROR On arc = Off arc = SUBTRACT ADD __ . __ '

0

__ __ __ __ . __ '

HEIGHT OF EYE __ . __ m SUBTRACT __ . __ '

0

APPARENT ALTITUDE __ __ __ __ . __ '

ALTITUDE CORRECTION SUBTRACT ADD __ __ . __ '

0

TRUE SEXTANT ALTITUDE (Ho) __ __ __ __ . __ B

CHRONOMETER __ __ H __ __ M __ __ S

CORRECTION PLUS (+) MINUS (-) __ __ M __ __ S

UT __ __ H __ __ M __ __ S A

	GHA	DEC
A __ __ H	__ __ __ ° __ __ . __ '	__ __ ° __ __ . __ ' N / S d __ . __ (+) (-)
__ __ M __ __ S	ADD 0 __ __ __ __ . __ '	__ . __ ' ← v and d corrections
	GHA = __ __ __ ° __ __ . __ '	DEC = __ __ ° __ __ . __ '

D

If we are WEST
SUBTRACT ASSUMED LONG
FROM GHA
If we are EAST
ADD ASSUMED TO GHA
(add 360 to GHA if req'd)
If LHA is > 360 subtract 360

ASSUMED LONGITUDE __ __ __ ° __ __ . __ '

LHA = __ __ __ ° 0 0 . 0 C

ASSUMED LATITUDE __ __ ° N / S

NB - Assumed Latitude = D.R.
Latitude rounded UP or DOWN

C LHA __ __ __ °

D DEC __ __ ° N / S

SAME or CONTRARY

Using ASSUMED LAT, DEC, SAME/CONTRARY & LHA in the SIGHT REDUCTION TABLES VOL 2 or 3 look up the Hc, d correction and the Azimuth (Z)

Hc __ __ ° __ __ . 0 d (+) (-) __ __ Z __ __ __ °

CORRECTION __ __ . 0

TABLE 5

N. Lat. { L.H.A. greater than 180° .....Zn=Z
L.H.A. less than 180°.....Zn=360°–Z

S. Lat. { L.H.A. greater than 180° ....Zn=180°–Z
L.H.A. less than 180°.....Zn=180°+Z

CALCULATED SEXTANT ALTITUDE Hc __ __ ° __ __ . 0

B TRUE SEXTANT ALTITUDE Ho __ __ ° __ __ . __ '

INTERCEPT __ __ . __ TOWARDS AWAY

Zn __ __ __ °

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