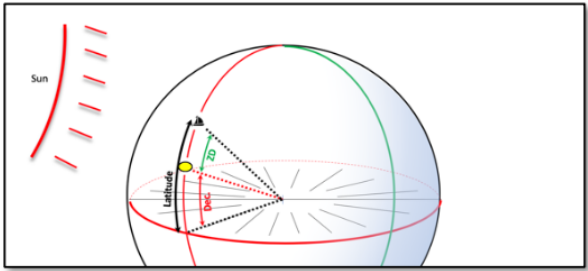


DATE 23rd May 2020

DR LATITUDE 36⁰ 43 0' N/S

DR LONGITUDE 019⁰ 53 0' W/E



ARC TO TIME CONVERSION (time difference between our vessel and Greenwich)

DR LONGITUDE 019⁰ = 01 H 16 M 'degrees'

DR LONGITUDE 53' = 04 M 'minutes'

01 H 20 M **A** →

Meridian Passage Pro-forma

SEXTANT ALTITUDE 0 32⁰ 13 0'

INDEX ERROR On arc = SUBTRACT 2 0'
Off arc = ADD

32⁰ 11 0'

HEIGHT OF EYE 3 0 m SUBTRACT 3 0'

32⁰ 08 0'

APPARENT ALTITUDE

ALTITUDE CORRECTION SUBTRACT 14 5'
ADD

32⁰ 22 5' **C** →

TRUE SEXTANT ALTITUDE (Ho)

TIME OF MER PASS AT GREENWICH (UT) 11 H 57 M

ARC TO TIME CORRECTION **A** → (+) if Longitude West
(-) if Longitude East 01 H 20 M

TIME OF MER PASS AT VESSEL (UT) 13 H 17 M **B** →

B 13 H 17 M

DEC 20⁰ 43 6' N/S d 0 5' (+)

20⁰ 43 7' **D** →

← v and d corrections

C TRUE SEXTANT ALTITUDE (Ho) 32⁰ 22 5' SUBTRACT

ZENITH DISTANCE (ZD) 57⁰ 37 5'

D DECLINATION 20⁰ 43 7'

LATITUDE 36⁰ 53 8'

WORKING **AREA**

