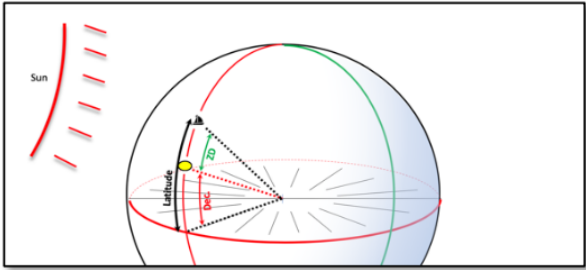


DATE 24th February 2020

DR LATITUDE 12⁰ 33 0 N S

DR LONGITUDE 062 03 0 W E



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

DR LONGITUDE 062⁰ = 04 H 08 M 'degrees'

DR LONGITUDE 03 'minutes' = 00 M

04 H 08 M **A** →

Meridian Passage Pro-forma

SEXTANT ALTITUDE 67⁰ 35 0

INDEX ERROR On arc = SUBTRACT 4 0
Off arc = ADD

67⁰ 31 0

HEIGHT OF EYE 4 0 m SUBTRACT 3 5

APPARENT ALTITUDE 67⁰ 27 5

ALTITUDE CORRECTION SUBTRACT 15 8
ADD

TRUE SEXTANT ALTITUDE (Ho) 67⁰ 43 3 **C** →

TIME OF MER PASS AT GREENWICH (UT) 12 H 13 M

ARC TO TIME CORRECTION **A** → (+), if Longitude West (-), if Longitude East 04 H 08 M

TIME OF MER PASS AT VESSEL (UT) 08 H 05 M **B** →

B → 08 H DEC 09⁰ 36 9 N/S d 0 9 (+)

05 M - 0 1 ← v and d correctors

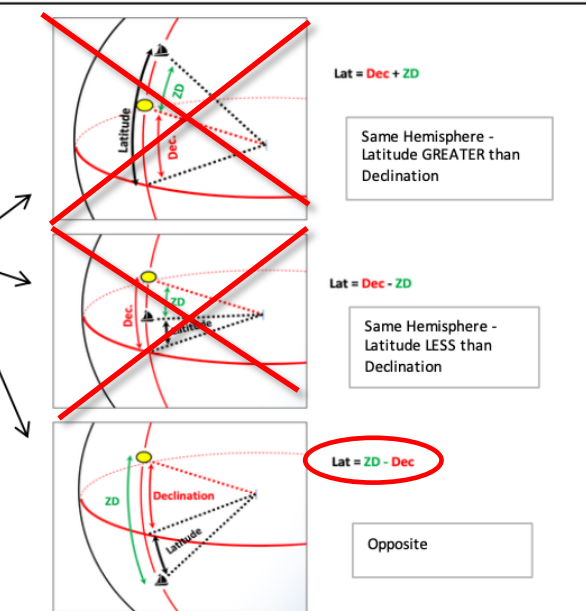
09⁰ 36 8 **D** →

C → TRUE SEXTANT ALTITUDE (Ho) 67⁰ 43 3 SUBTRACT

ZENITH DISTANCE (ZD) 22⁰ 16 7

D → DECLINATION 09⁰ 36 8

LATITUDE 12⁰ 39 9



WORKING AREA
