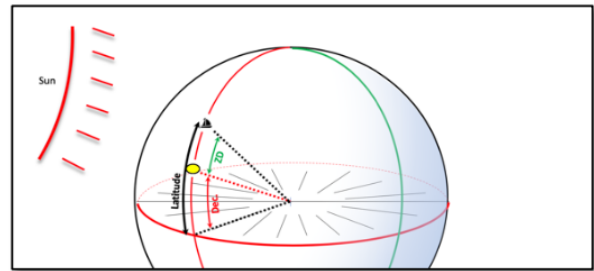


DATE 18th Sept 2020

DR LATITUDE 49⁰ 40 0 **N** S
 DR LONGITUDE 025⁰ 45 0 **W** E



ARC TO TIME CONVERSION (time difference between our vessel and Greenwich)
 DR LONGITUDE 'degrees' 025⁰ = 01 H 40 M
 DR LONGITUDE 'minutes' 45 = 03 M
01 H 43 M **A** →

Meridian Passage Pro-forma

SEXTANT ALTITUDE 41⁰ 31 0
 INDEX ERROR On arc = **SUBTRACT** 3 0
 Off arc = **ADD**
41⁰ 34 0
 HEIGHT OF EYE 5 0 m **SUBTRACT** 3 9
 APPARENT ALTITUDE 41⁰ 30 1
 ALTITUDE CORRECTION **SUBTRACT** 14 9
 TRUE SEXTANT ALTITUDE (Ho) 41⁰ 45 0 **C** →

TIME OF MER PASS AT GREENWICH (UT) 11 H 54 M
 ARC TO TIME CORRECTION **A** → **(+) if Longitude West** 01 H 43 M
 (-) if Longitude East
 TIME OF MER PASS AT VESSEL (UT) 13 H 37 M **B** →

B 13 H 37 M
 DEC 01⁰ 33 8 **N** S d 1 0 **(+)**
 - 0 6 ← v and d correctors
01⁰ 33 2 **D** →

C TRUE SEXTANT ALTITUDE (Ho) 41⁰ 45 0 **SUBTRACT**
 ZENITH DISTANCE (ZD) 48⁰ 15 0
D DECLINATION 01⁰ 33 2
 LATITUDE 49⁰ 48 2

WORKING _____ **AREA**

