

Question 3

You see we are now East; this will alter the way in which we calculate the LHA and the plotting direction of the longitude scale. Also, the month is February, this means the declination will be in the southern hemisphere and will lead to a contrary situation as we are in the Northern hemisphere.

24th February 2020

Time zone -4

Morning sight

Ship's time	0916h
DR position	12° 33.0' N 062° 03.0' E
Sextant reading	42° 32.0'
Chrono	05h 15m 21s
Index error	4.0' on the arc
Lower limb	
Height of eye	4.0m

Run

085° T 25nm

Mer pass

Sextant reading	67° 35.0'
Index error	4.0' on the arc
Lower limb	
Height of eye	4.0m