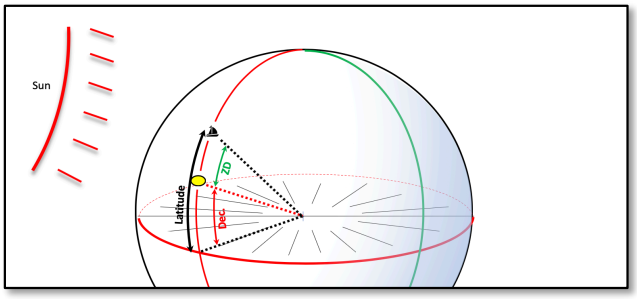
DATE _____

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

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



Meridian Passage Pro-forma

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

DR LONGITUDE 'degrees' __ __ __ ° = __ __ H __ __ M

DR LONGITUDE 'minutes' __ __ ' = __ __ M

__ __ H __ __ M → A

TIME OF MER PASS AT GREENWICH (UT) __ __ H __ __ M

ARC TO TIME CORRECTION A (+) if Longitude West (-) if Longitude East __ __ H __ __ M

TIME OF MER PASS AT VESSEL (UT) __ __ H __ __ M → B

SEXTANT ALTITUDE ◯ __ __ ° __ __ . __ '

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) __ __ ° __ __ . __ ' → C

B → __ __ H __ __ M

DEC __ __ ° __ __ . __ ' N / S d __ . __ (+) (-)

v and d corrections

__ . __

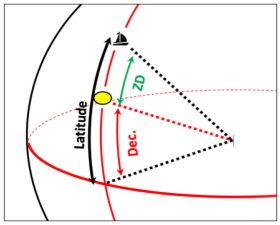
__ __ ° __ __ . __ ' → D

C → **TRUE SEXTANT ALTITUDE (Ho)** 89° 60.0' SUBTRACT __ __ ° __ __ . __ '

ZENITH DISTANCE (ZD) __ __ ° __ __ . __ '

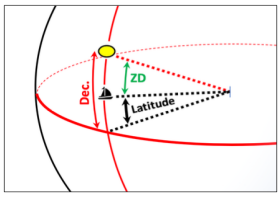
D → **DECLINATION** __ __ ° __ __ . __ '

LATITUDE __ __ ° __ __ . __ '



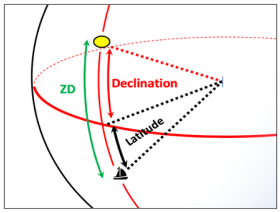
Lat = Dec + ZD

Same Hemisphere - Latitude GREATER than Declination



Lat = Dec - ZD

Same Hemisphere - Latitude LESS than Declination



Lat = ZD - Dec

Opposite

WORKING AREA

__ __ ° __ __ . __ '

__ __ ° __ __ . __ '

__ __ ° __ __ . __ '

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