



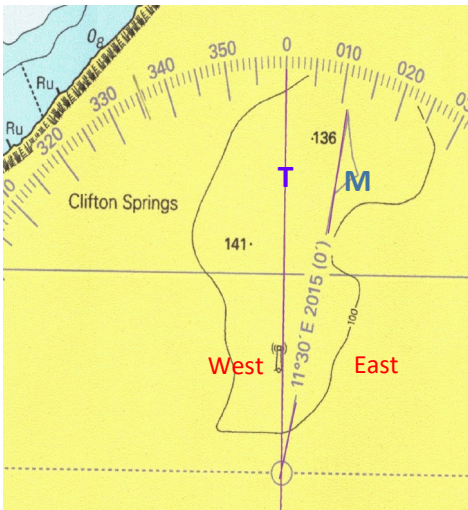
# Getting there .....

<b>Distance</b> = Time x Speed
<b>Speed</b> = Distance ÷ Time
<b>Time</b> = Distance ÷ Speed

<b>SPEED</b>		<b>1 knot = 1 nm/ hour</b>									
Speed(SOG) knots		1	2	3	4	5	6	7	8	9	
Distance nm/day		24	48	72	96	120	144	168	192	216	

<b>TIME</b>		
Local	AEST	Australian Eastern Standard Time
Local	AEDT	Australian Eastern Daylight Saving Time
International	G MT (UTC)	Greenwich Mean Time

<b>DISTANCE</b>	<b>Nautical miles (nm)</b>	<b>Chartwork</b>
1° Latitude	60' (minutes)	
1' (Minute)	60" (seconds)	
1' of Latitude	1 nautical mile (nm)	Tenths of one minute used instead of seconds
0.1 nm	1 cable = 185metres	
1 nm	1852 metres	



<b>BEARINGS ° Calculations</b>	
<b>T</b> True	Chart
<b>V</b> Variation	Earth's Magnetic field effect
<b>M</b> Magnetic	Earth's Magnetic field effect
<b>D</b> Deviation	Metal objects onboard affecting compass
<b>C</b> Compass	Steering compass

Variation/ Deviation EAST = Compass Least  
 Variation/ Deviation WEST = Compass Best











