Gyro Compass Error

Date _____

Position **Latitude** _____ **Time** _____ **LMT**

Longitude _____ _____ **GMT**

Celestial Object _____ **Ships Head** _____ **(Gyro)**

Bearing _____ _____ **(Magnetic)**

GHA			**Dec.**	
Increment			**d ( )**	
v Correction *			**Declination**	
GHA				
Longitude (-W +E)				
LHA g				
SHA				
- 360° *				
LHA				

* If Applicable

A = Tan Lat / Tan LHA **A =** *Named Opposite to Latitude* *except if LHA between 90°- 270°*

B = Tan Dec / Sin LHA **B =** *Named the Same as Declination*

C = A +/- B **C =** **Named Greater of the Two**
Same Names + / Opposite Names –

Tan Azimuth = 1 / C x Cos Lat *Named N / S same as C*
Named W if LHA between 0°-180°
Named E if LHA between 180°-360°

Azimuth _____

True Bearing _____

Error _____

True Heading	
Variation	
Magnetic	
Deviation	
Compass	

+ E
- W

- E
+ W

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