

DR POSITION calculation using NORIE'S NAUTICAL TABLES

Conversion from 360° to QUADRANTAL	Plane Sailing Formulae
	<p>For use with scientific calculator:</p> <p>D'Lat = distance x cos course Departure = distance x sin course D'Long = departure/cos Mean Lat</p>

COURSES		Distance in Nautical miles	D'Lat		Dep	
360°	Quadrantal		N	S	W	E
			Σ D'Lat		Σ Dep	

Observed Latitude		Observed Longitude	
D'Lat		D'Long	
DR Latitude		DR Longitude	
Observed Latitude			
Mean Latitude			

Enter Mean Latitude as Course and Dep as Dep → D'Long

DR Position: