



1 Nautical Mile = 1 minute of latitude

Nautical Mile Symbol **M**

Minute Symbol **'**

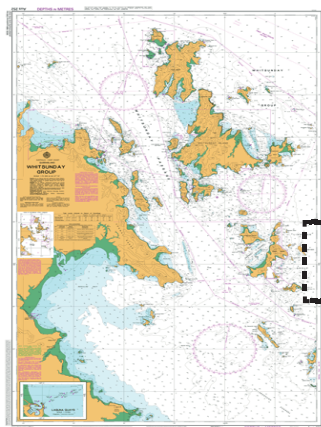
Distance at sea is measured in Nautical Miles

M

Use latitude scale to measure distance.

Latitude scale

The latitude scale is on side of the chart



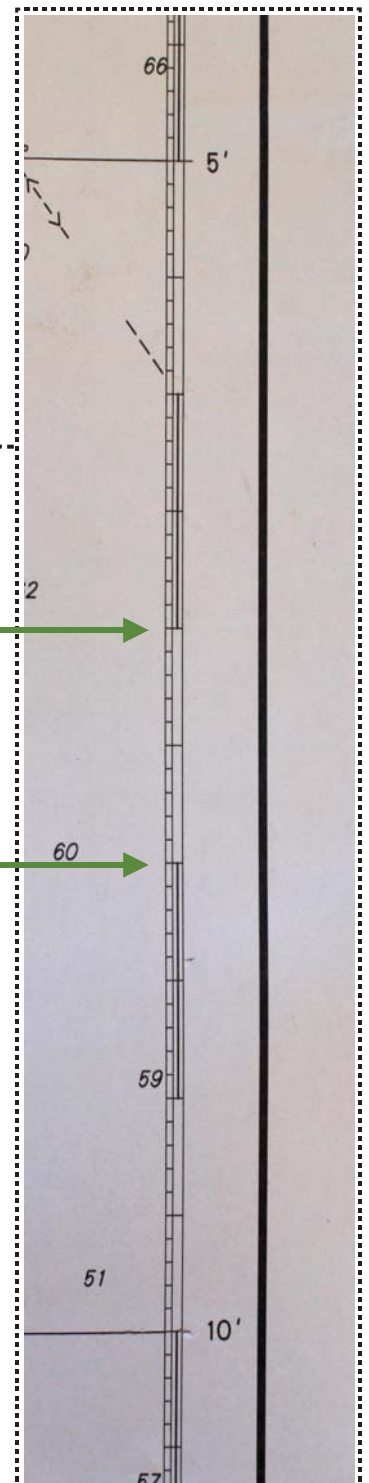
~~Longitude scale~~

Never use the longitude scale to measure distance!

$1' = 1 \text{ M}$



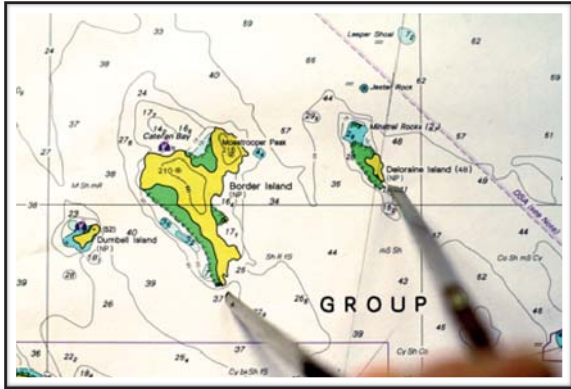
Use dividers to measure distance on a Marine Chart



Measure Short Distances

How to measure short distances using the latitude scale.

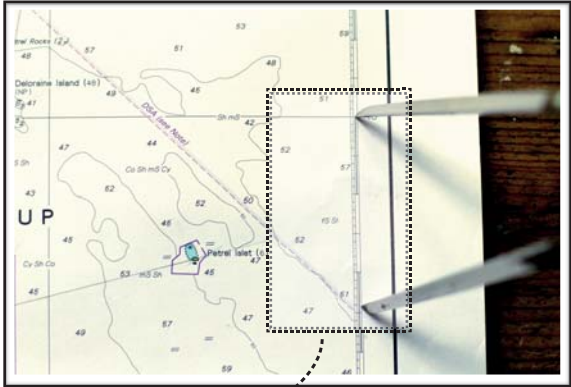
1



Set dividers on beginning and end points

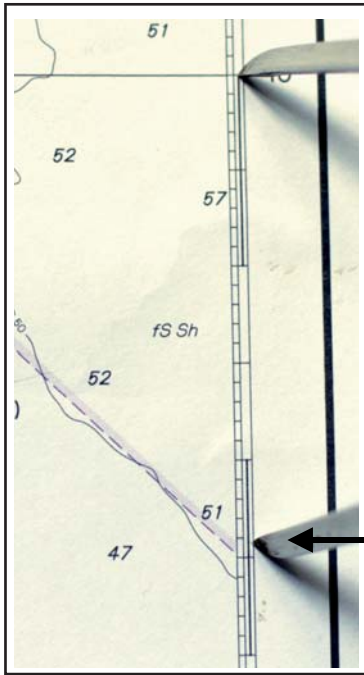
2

Measure distance using the latitude scale



2.4' Minutes

Distance
2.4 M



0 (Start counting from here)

1'

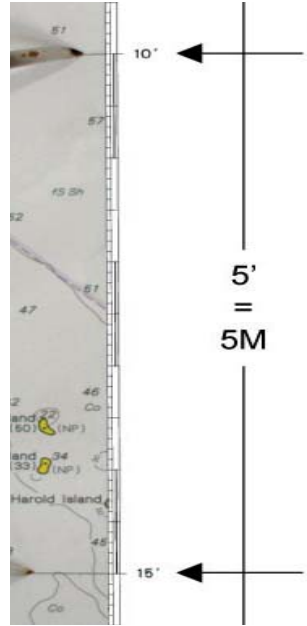
2'

2.4'

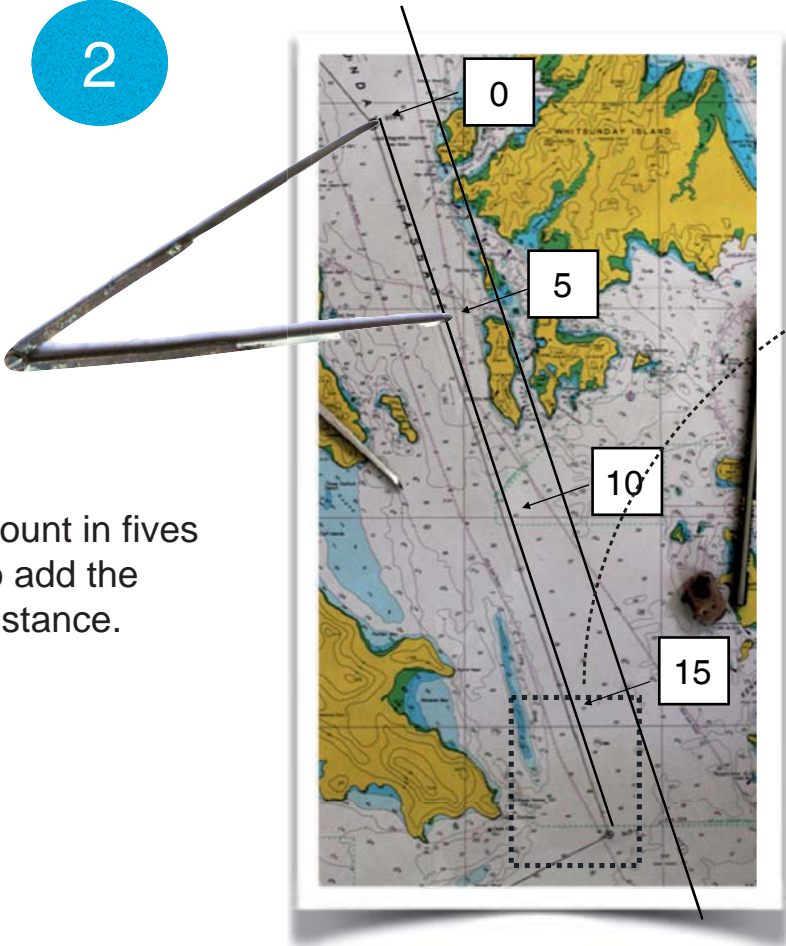
Measure Long Distances

1

Set dividers on a known distance usually 5 M



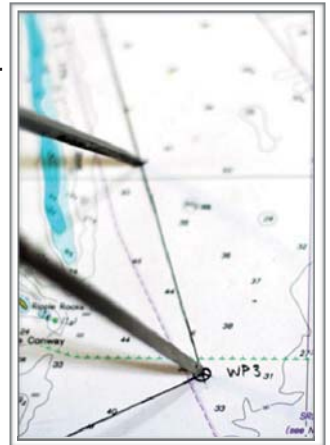
2



Count in fives to add the distance.

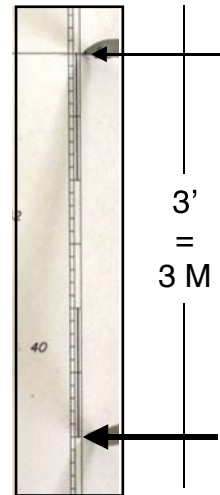
3

Use dividers to measure the remainder



4

Measure using the scale



5

Add remainder

$$15 + 3 = 18$$

Distance = **18 M**