

DEAD RECKONING

Intro: Dead Reckoning is the most basic form of position fixing. It only uses 2 variables (course steered and distance travelled) to get a rough idea of where we might be. Dead Reckoning is commonly used after a period of travel, however could be used before to give an idea of where a boat may be in the future. Due to its estimated nature, Dead Reckoning shouldn't be used for long periods of travel as the circle of uncertainty (the amount of inaccuracy of the fix) increases with time.

To perform a Dead Reckoning, the navigator needs to know:

- 1) The course the boat has been steering
- 2) How far the boat has travelled through the water

