

Did you know?

Working the Tide - Free Power!

WITH THE FLOW..

‘Working the tides’ on a short trip from the Deben to Harwich:

- **Depth:** When is there enough water for the boat to get out over the Deben Bar?
- **Timing:** It’s safer to cross the Deben Bar after a rising tide...
- **Direction:** The flood tide runs southwards at sea, but into the Deben

For maximum help from the tide, be content with a short period of strong contrary tide in the river mouth.

Once at sea, enjoy riding the tide southwards - for several hours.

You might whizz out of the river on the ebb, but at sea you’d be fighting the tide all the way to the River Orwell.

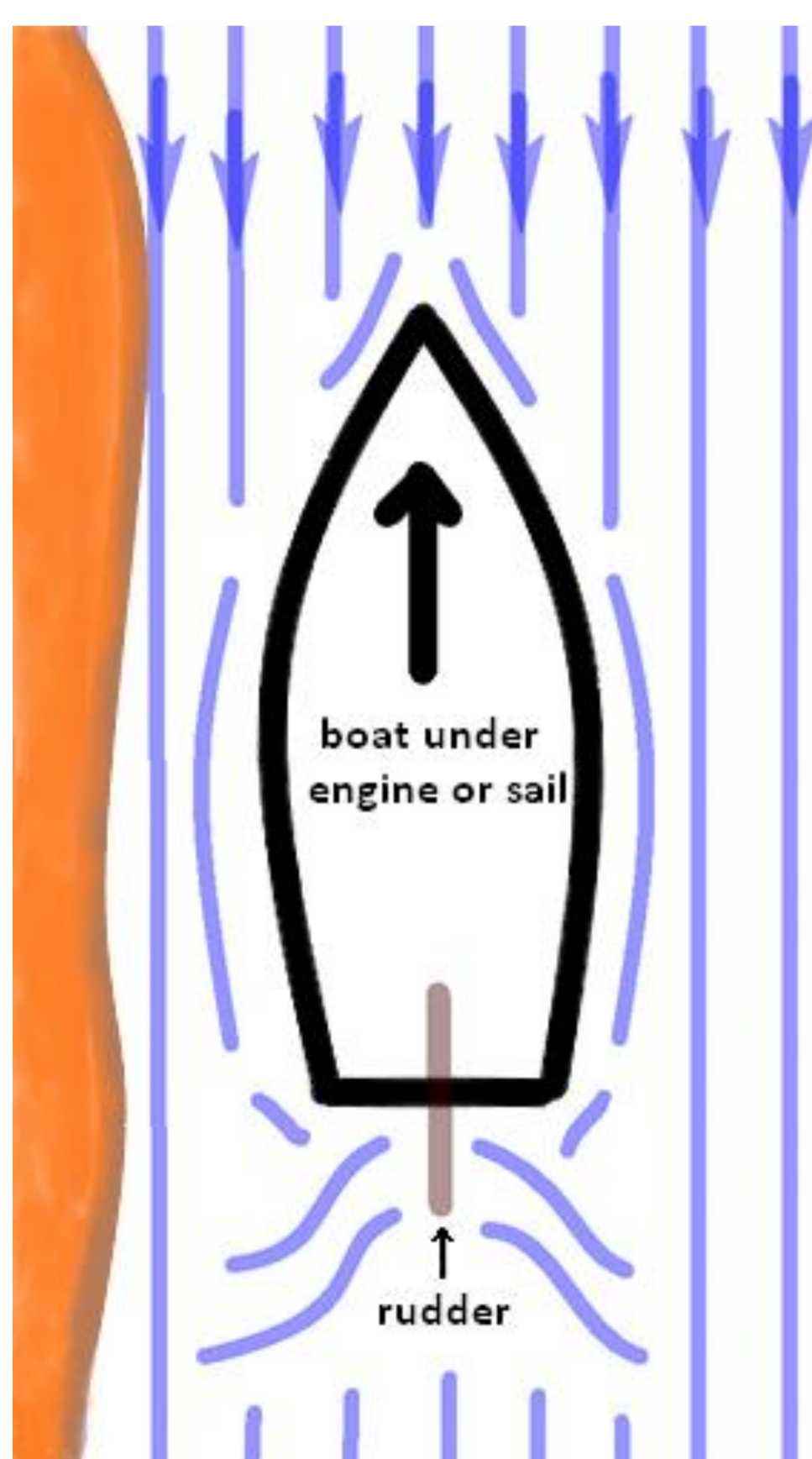
AND AGAINST THE FLOW..

Boats need **STEERAGE WAY**: enough movement through the water to affect the rudder.

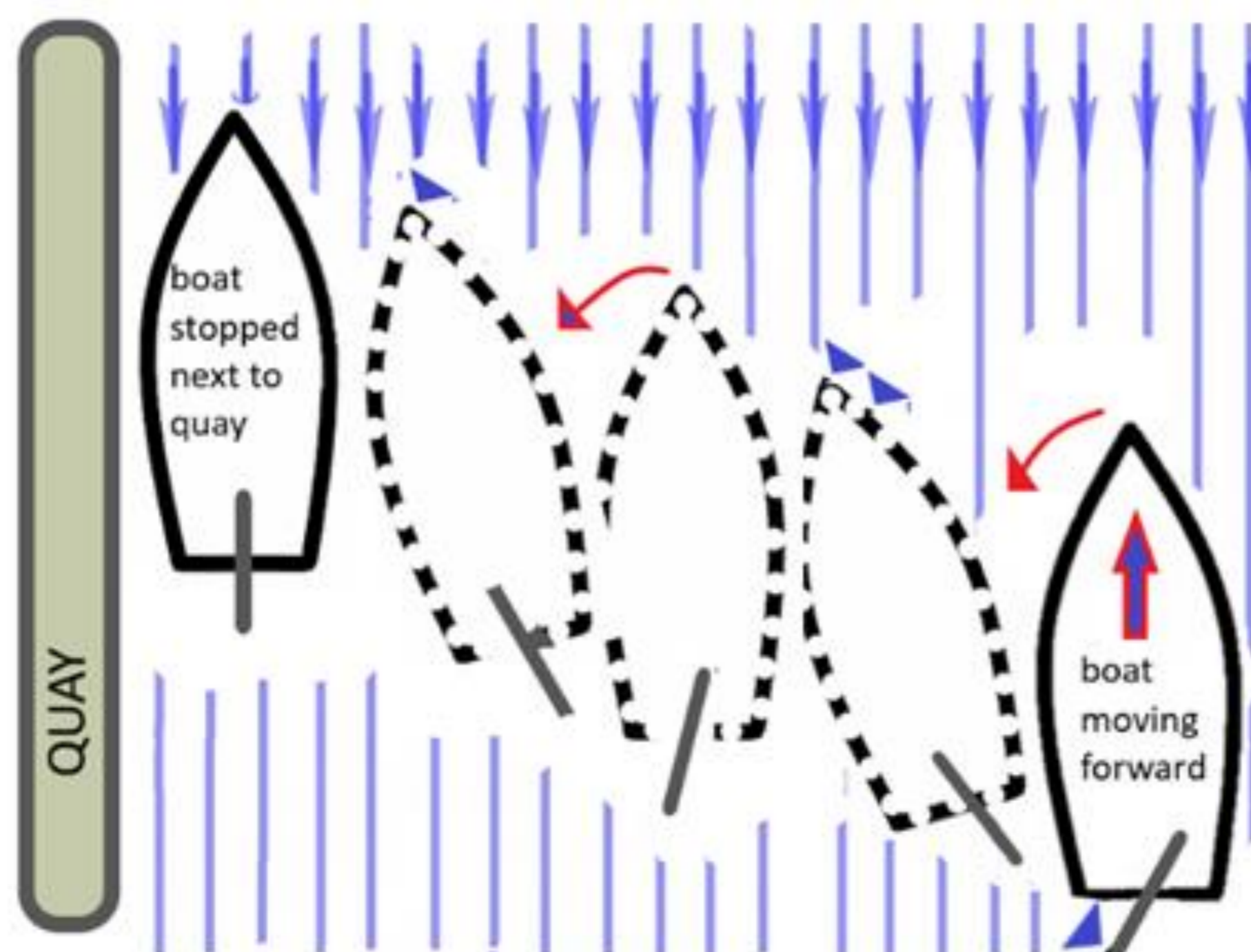
A boat simply drifting in a current can’t be steered, but if the water is moving past the boat, that’s just as good as the boat moving through the water.

Stemming the Tide:

boat moving through water, water moving past ground.. boat stationary relative to ground.



Ferry Glide: moving sideways is not just for ferries - but it’s ideal for manoeuvring into tight berths in crowded harbours. The vessel ‘crabs’ sideways with small rudder movements, keeping control by facing the current.



Holding off: alongside the quay. Steering set so that the current pushes on rudder, holding the stern in and the bow off, to reduce contact with quay.

