

The background image shows a close-up view of a ship's hull and rigging. Several thick, light-colored mooring lines are visible, extending from the foreground towards the background. In the distance, another ship is visible on the water. The sky is clear and blue. The text "Anchoring, berthing, leaving berth and underway" is overlaid in a large, orange, sans-serif font with a black outline.

Anchoring, berthing, leaving berth and underway

A set of small, semi-transparent navigation icons including arrows and a magnifying glass, located to the left of the text.

Intra-ship communication

When things go wrong.....



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Anchoring: SMCP

. We are going to drop sb anchor.

“We will let go starboard anchor”.

. Drop starboard anchor!

6 shackles must be put in the water.

“Let go starboard anchor!

Put 6 shackles in water”.

Heaving anchor: SMCP

. We are going to heave anchor.

“We will heave anchor”.

. Start heaving port anchor.

“Heave up port anchor”.

. Anchor is loose from the ground.

“Anchor is aweigh”.

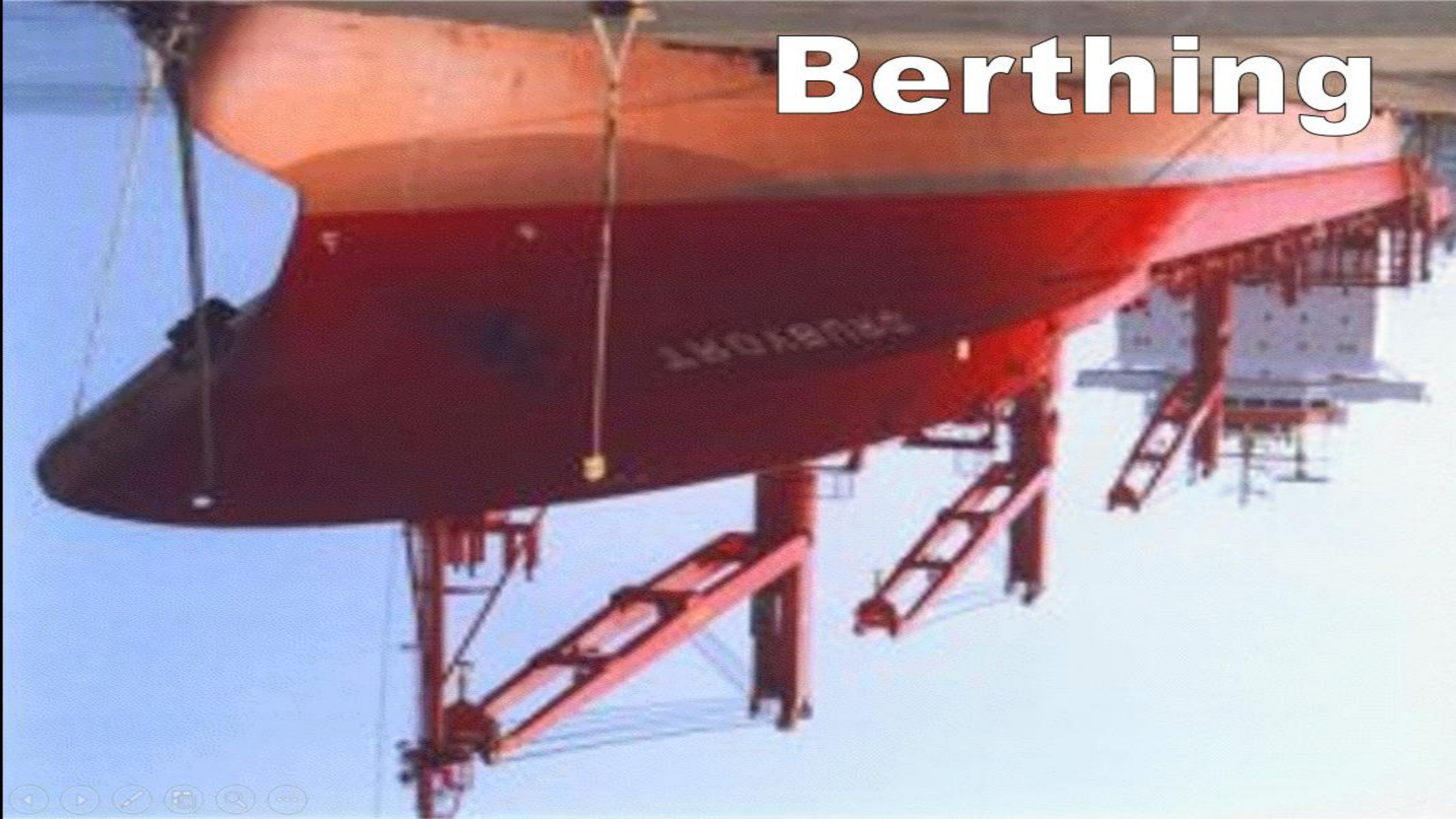
. There are 3 shackles left to come in.

“3 shackles left”.

. Anchor has been fastened.

“Anchor secured”.

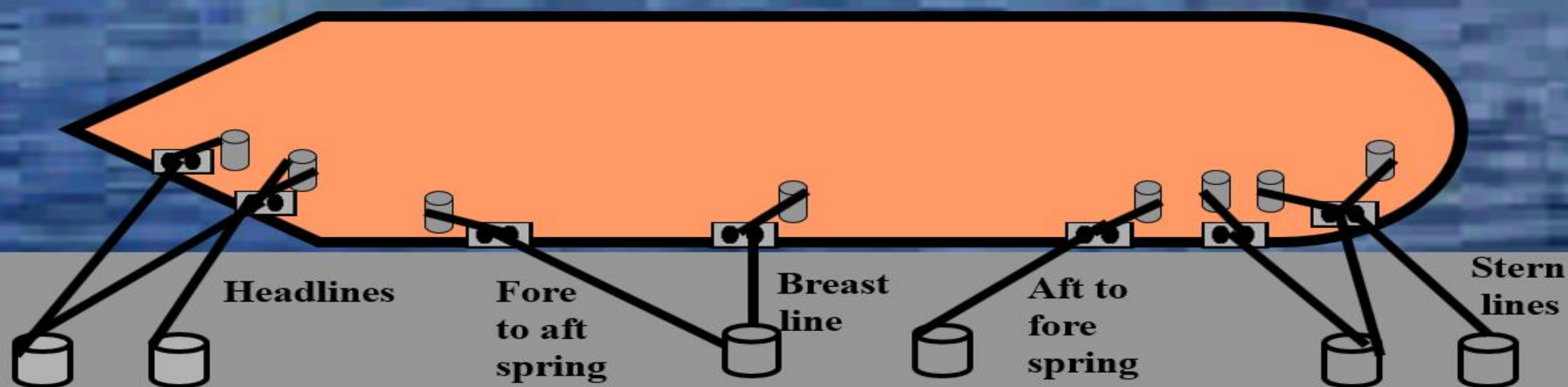
Berthing



When things have gone wrong.....



Ships are made fast to bollards 
by *headlines, sternlines, breastlines* and
springs.

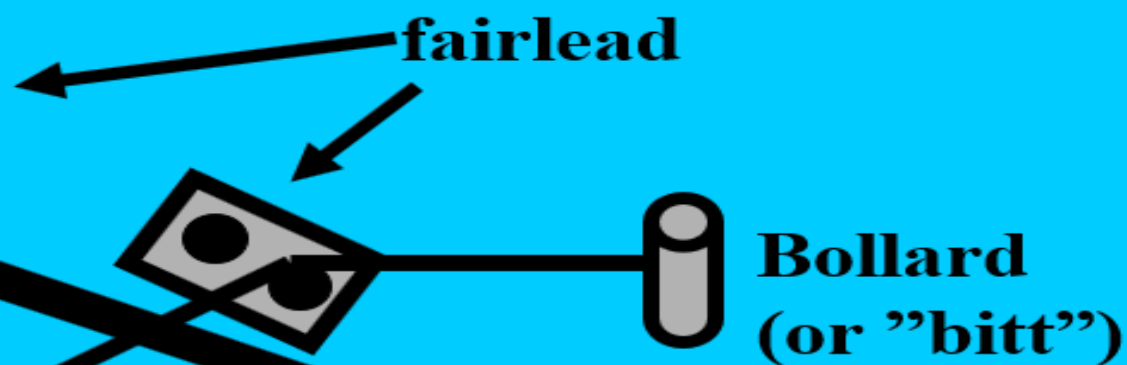
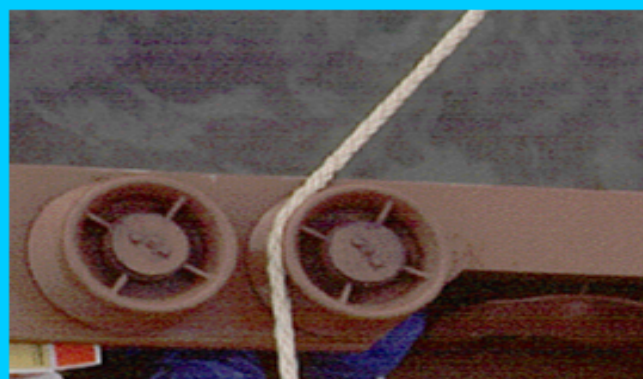


Berthing

Berthing: SMCP

- . We are going to berth on port side.
“We will berth port alongside”.
- . Fasten the lines forward and aft.
“Make fast fore and aft”.
- . Keep tension on the springs.
“Keep the springs tight”.

To prevent the *hawser* or *spring* from being *fouled*, the line is led through a *fairlead*.



Berthing

Leaving berth

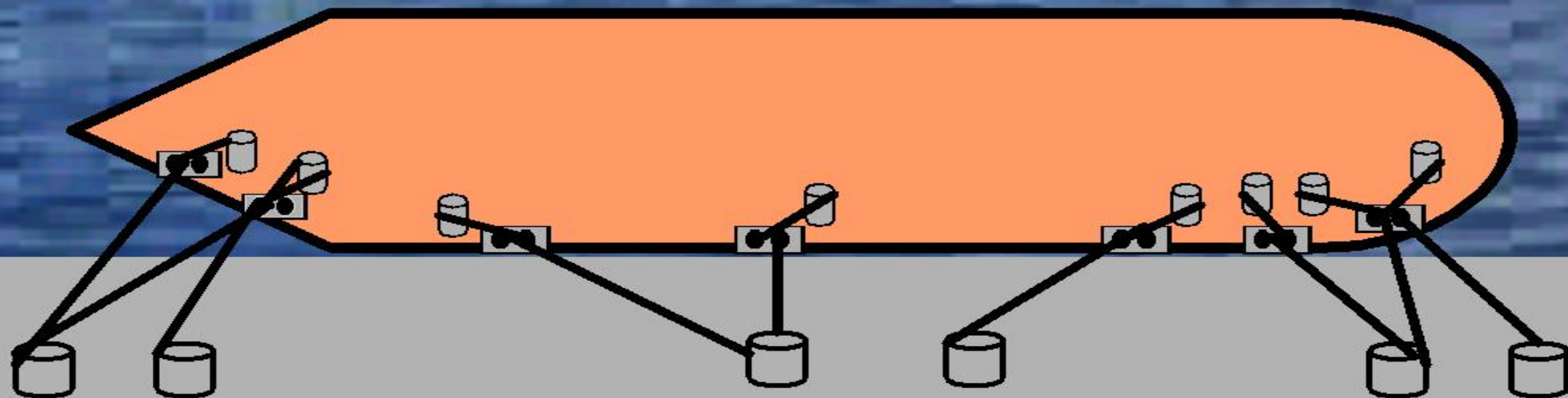


When leaving berth, the first orders are:

“Stand by engines!”

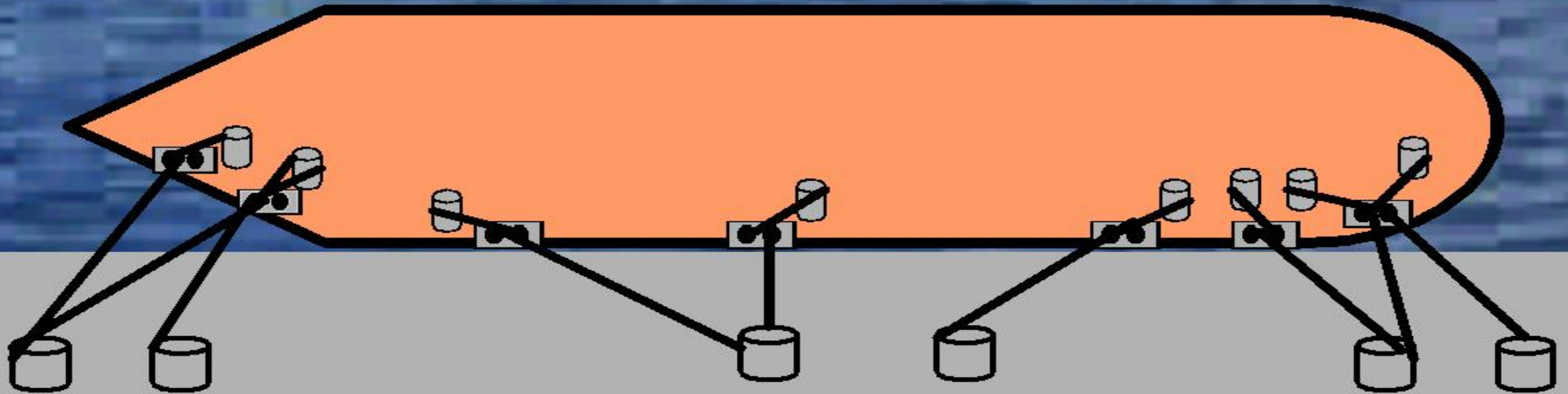
“Start engines!”

*“Ready to get underway;
stand by for letting go”!*



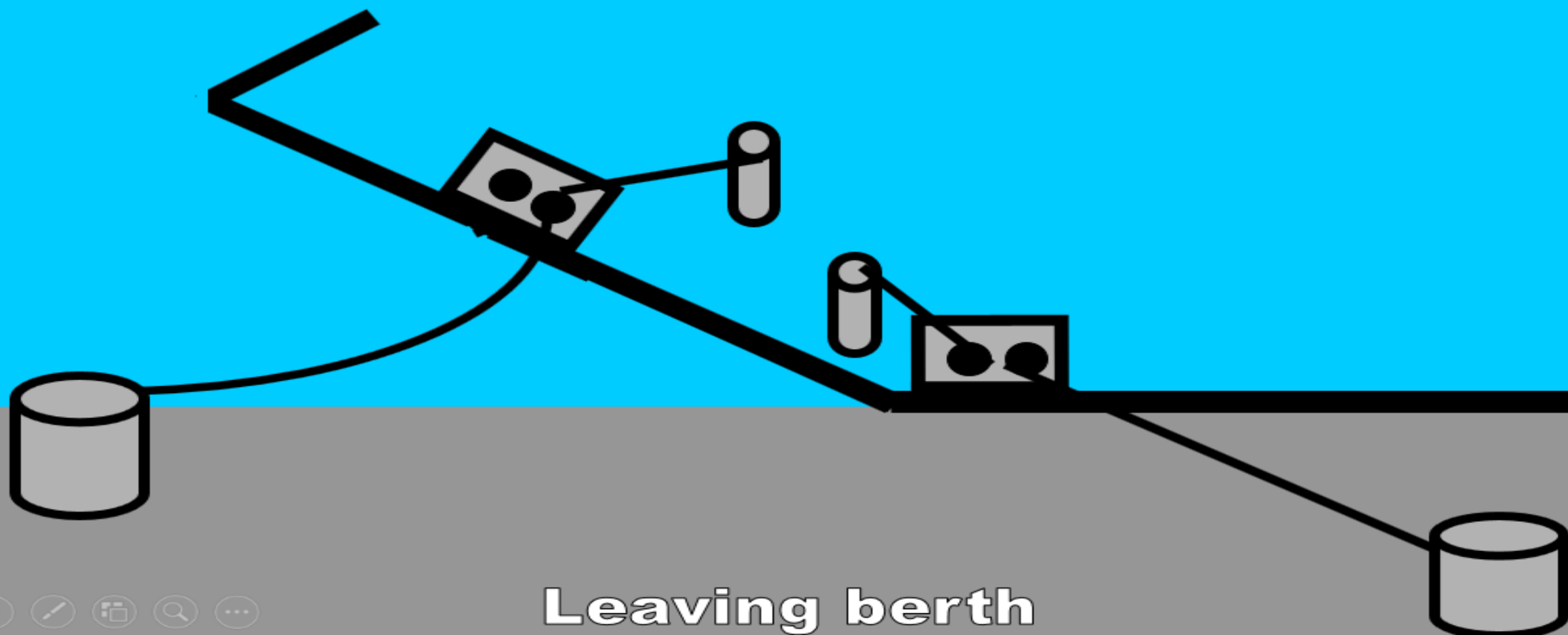
Leaving berth

**When the vessel is due to leave,
casting-off orders are given by
the pilot or by the mate.**



Leaving berth

Casting off the headline:
"Slack away the headline!"

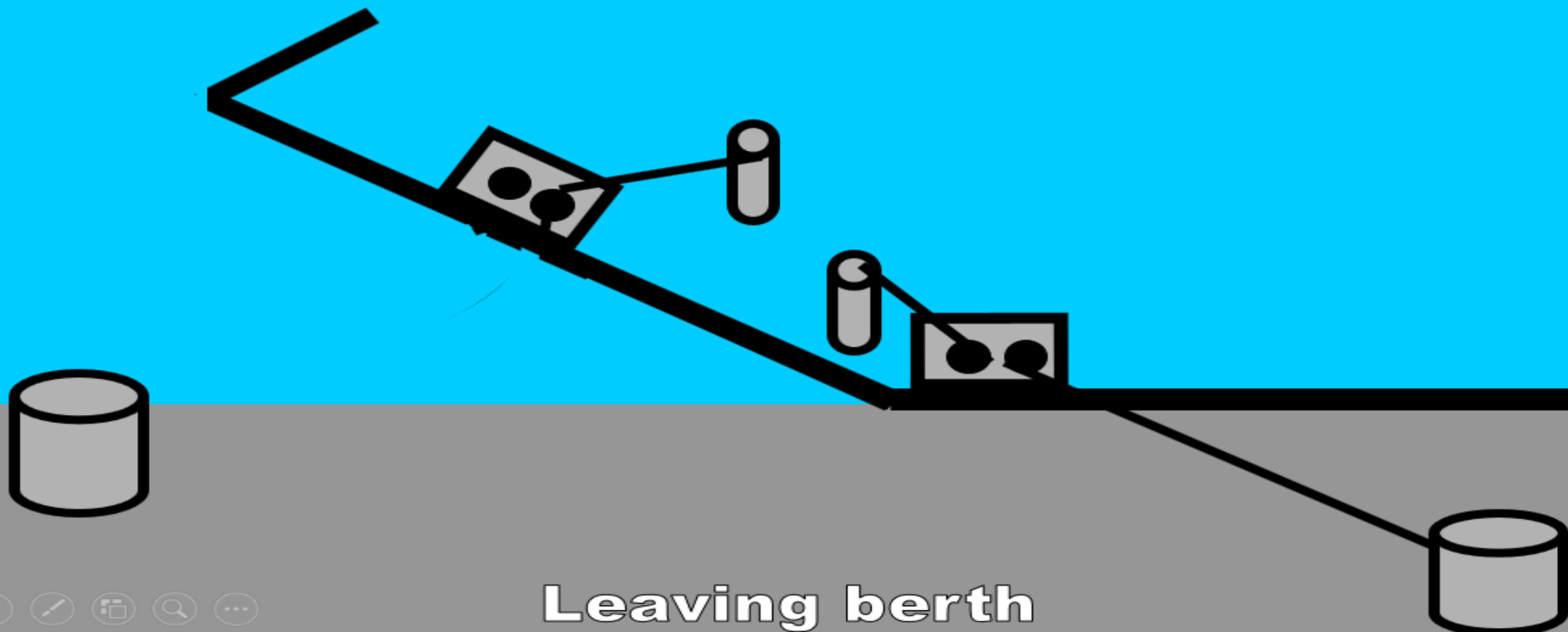


Leaving berth

Casting off the headline:

“Slack away the headline!”

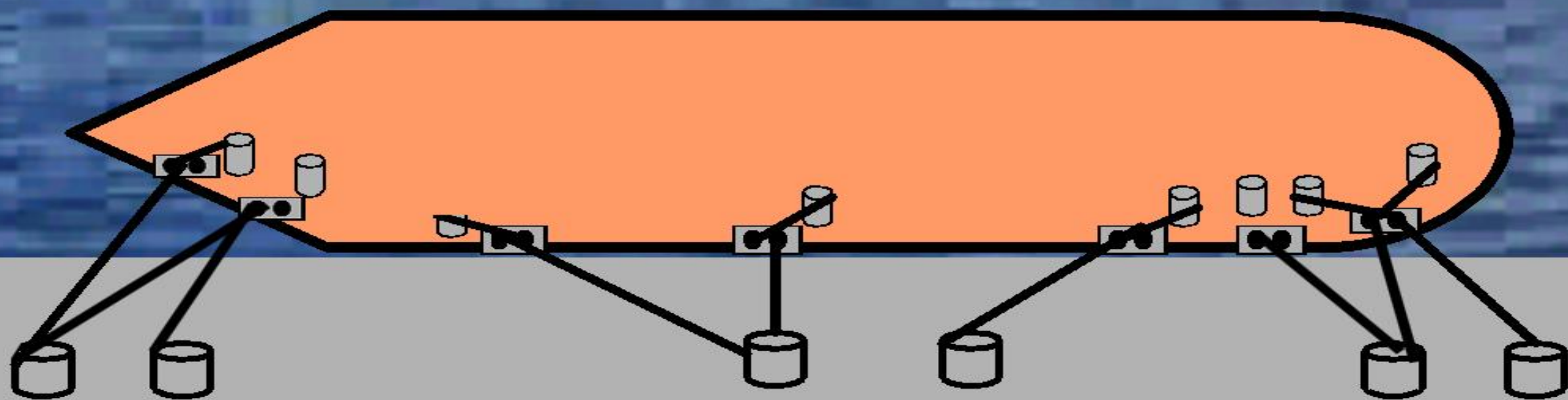
“Heave away the headline!”



Leaving berth

Sequence of casting-off: from stem to stern.

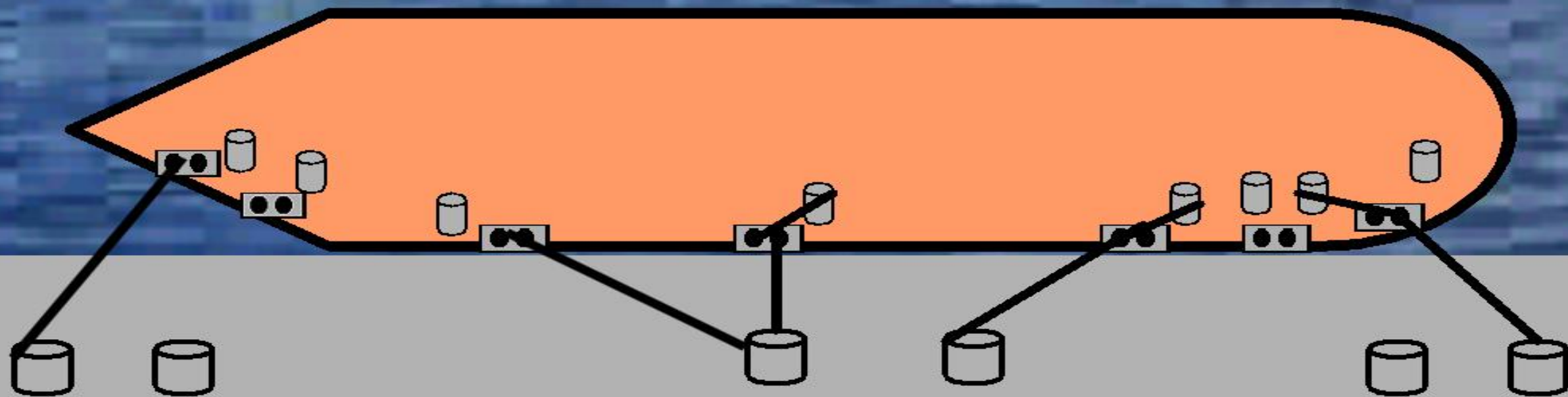
“Single up fore and aft!”



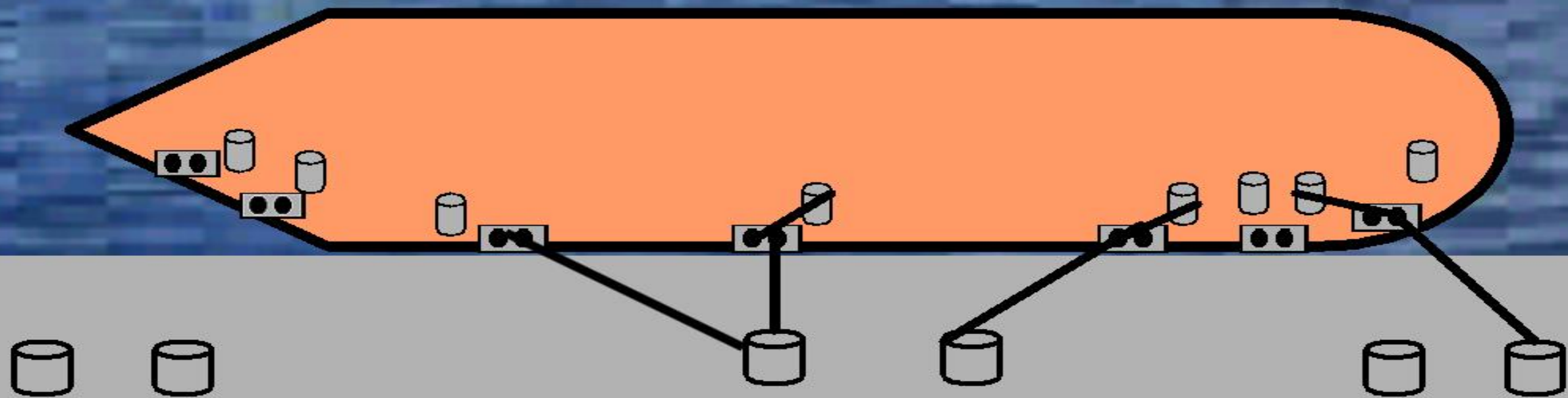
leaving berth

“Let go your headline!”

*“Slack away headline;
heave away headline!”*



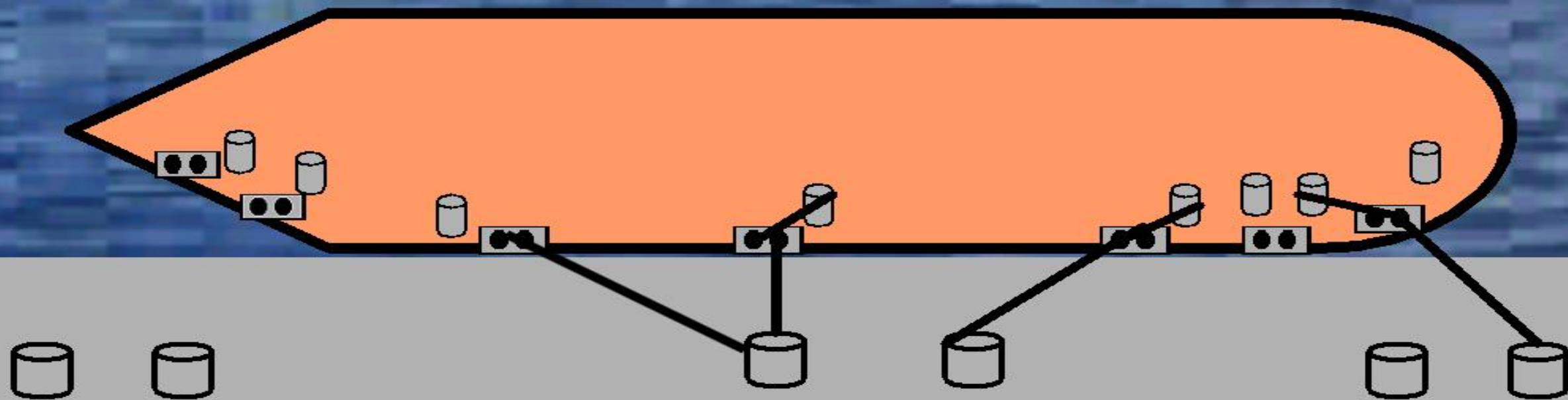
smcp



Leaving berth

“Let go your fore spring!”

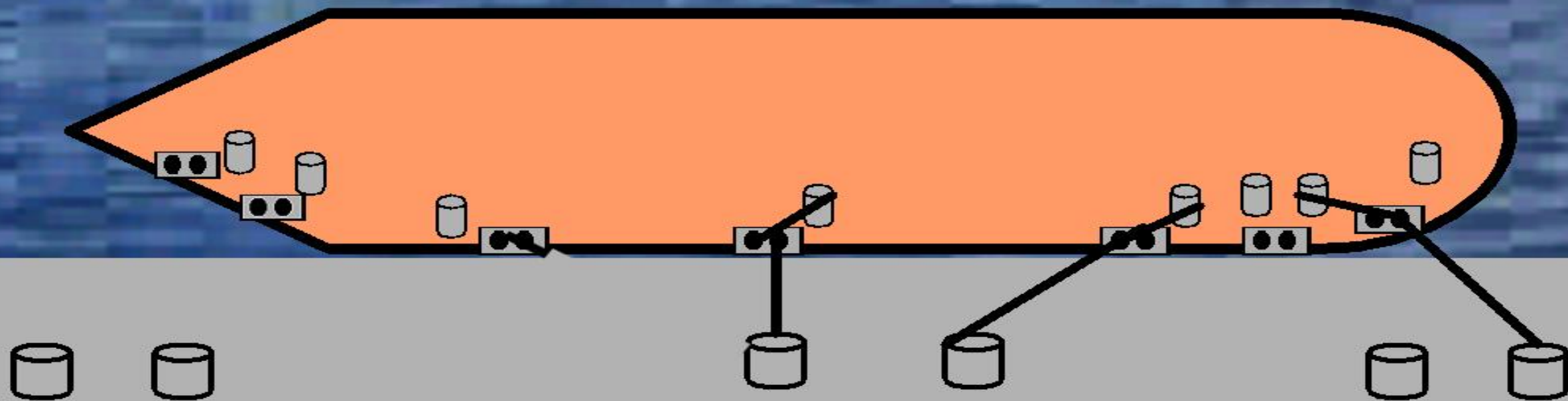
*“Slack away fore spring;
heave away fore spring!”*



Leaving berth

“Let go your fore spring!”

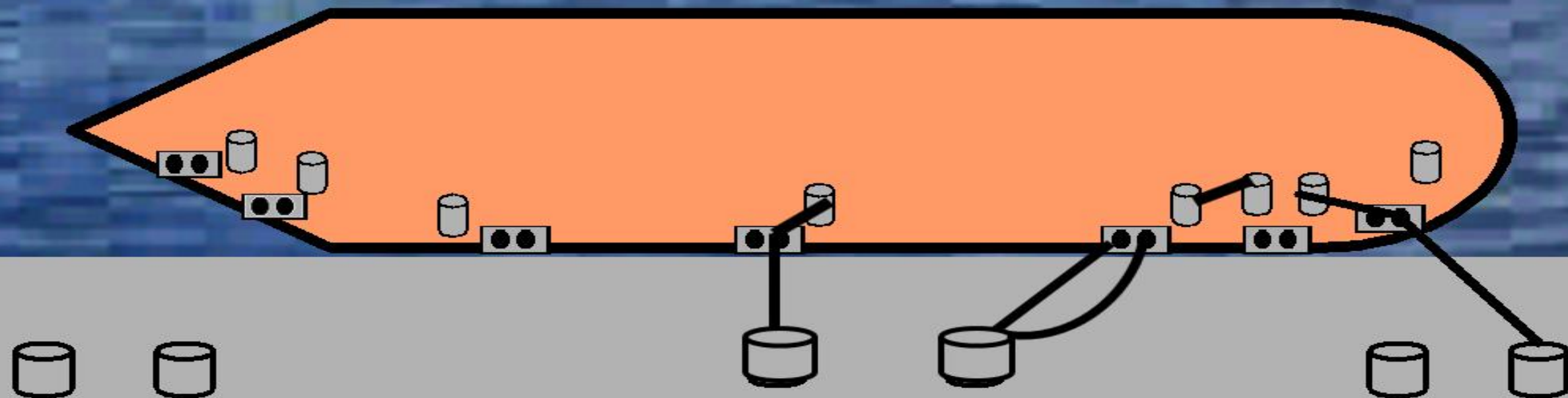
*“Slack away fore spring;
heave away fore spring!”*



Leaving berth

“Let go your aft spring!”

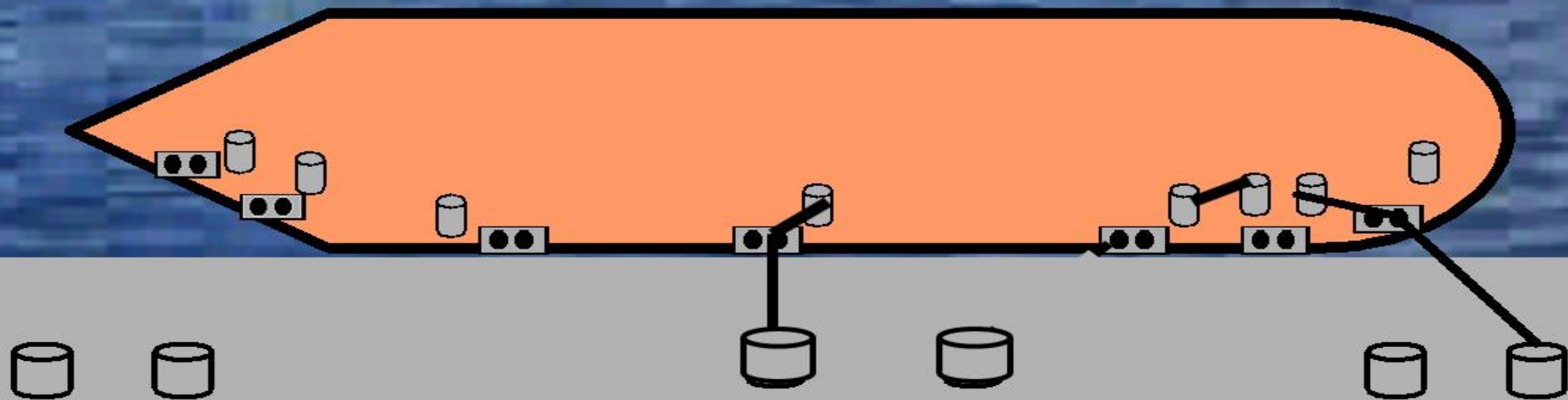
*“Slack away aft spring;
heave away aft spring!”*



Leaving berth

“Let go your aft spring!”

*“Slack away aft spring;
heave away aft spring!”*

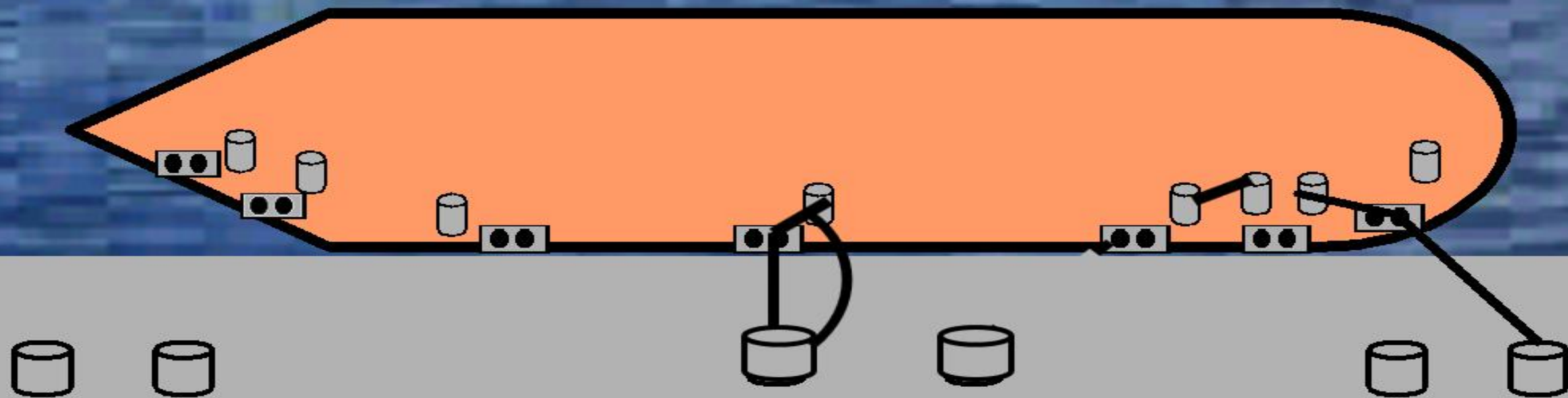


Leaving berth

“Let go your aft spring!”

*“Slack away aft spring;
heave away aft spring!”*

“Let go your breast line!” *“Slack away breast line!;
heave away breast line!”*

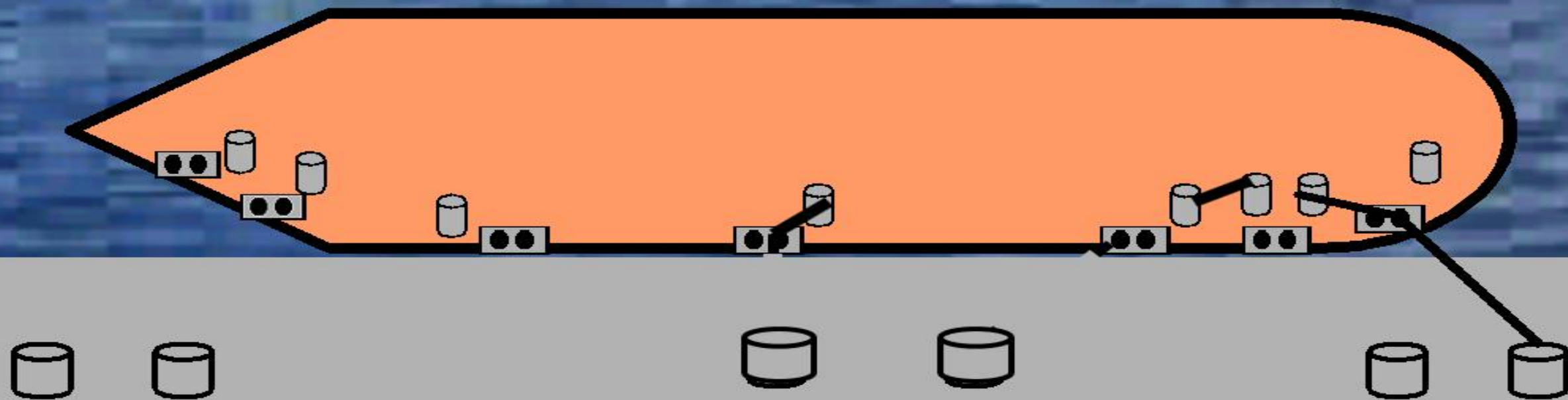


Leaving berth

“Let go your aft spring!”

*“Slack away aft spring;
heave away aft spring!”*

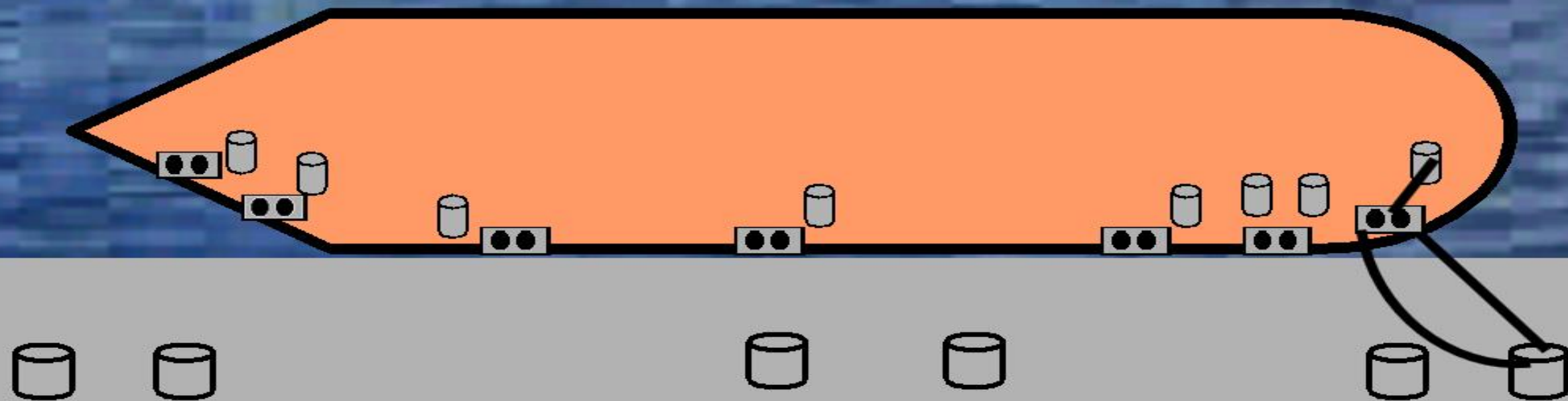
“Let go your breast line!” *“Slack away breast line!;
heave away breast line!”*



Leaving berth

”Let go your sternline!”

*“Slack away sternline!”
heave away sternline!”*



Leaving berth

”Let go your sternline!”

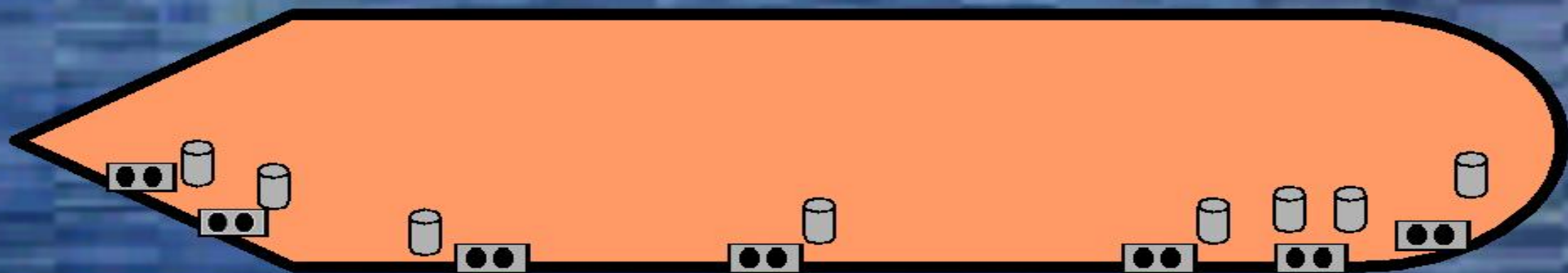
*“Slack away sternline!”
heave away sternline!”*



Leaving berth

Finished casting off:

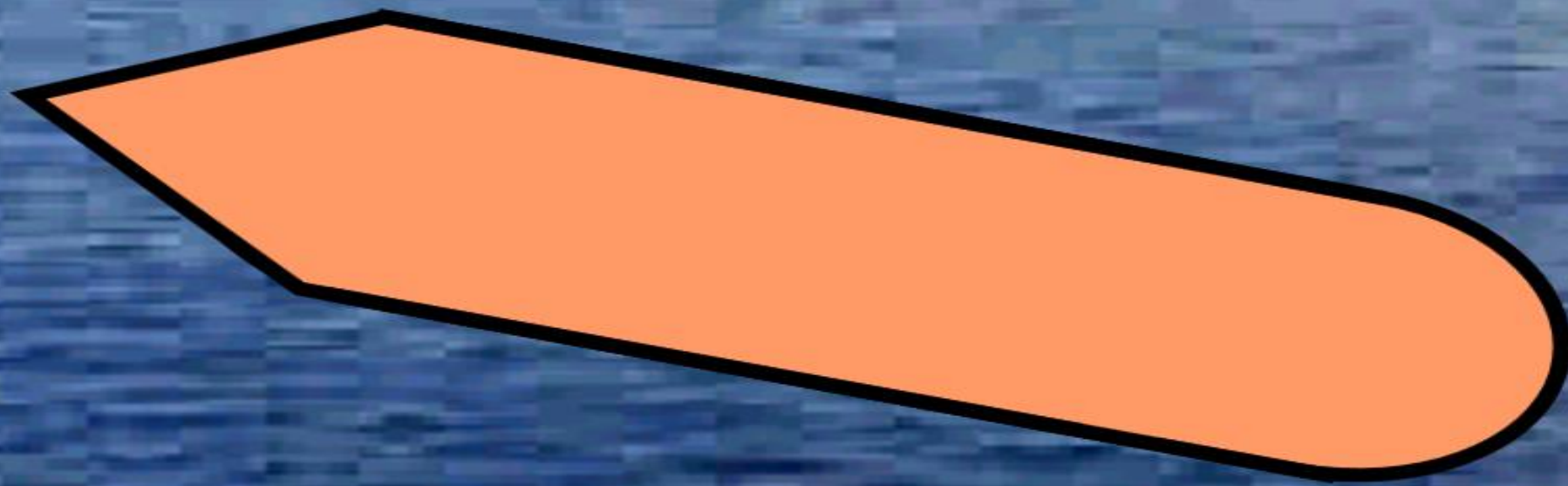
“Finished with manoeuvring station!”



Leaving berth

“Propeller clear!”

“Starboard fifteen - dead slow ahead!”



Leaving berth

“Midships, slow ahead!”



Underway

“Half ahead; steady as she goes!”



Underway

“Full ahead!”



Underway

Helm orders

OOW

**gives helm order:
steer 182 degr. port side;**

“Port - steer one eight two”.

.... repeats helmsman:

“Steady on one eight two”.

Helmsman

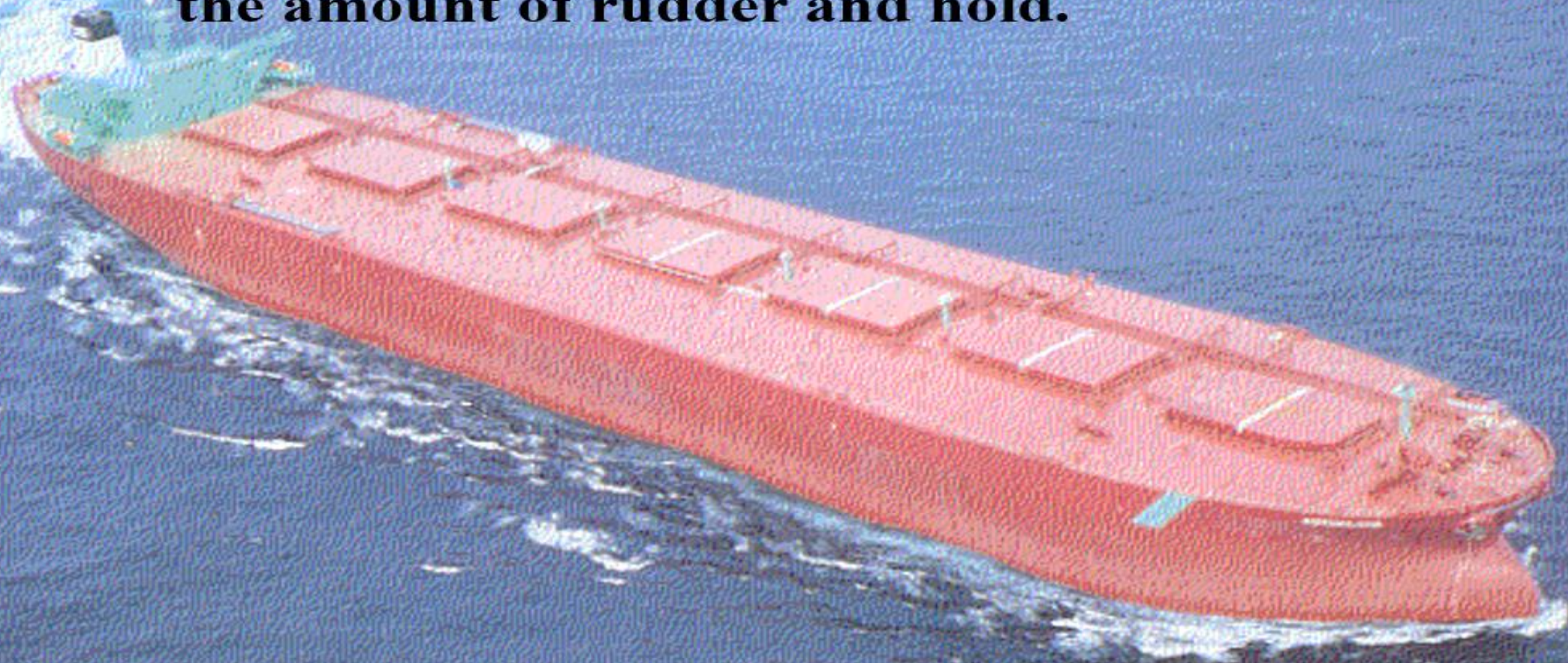
repeats order:

“Port -one eight two”.
**and indicates when the vessel
is on course by saying:
*“Steady on one eight two”.***

Underway

"Ease her"

The helmorder "*Ease her!*" is given to reduce the amount of rudder and hold.



Underway

"Steady"

**After an alteration of course the wheel order
(or *helm order*) "*Steady*"
is given to reduce the vessel's swing rapidly.**



Underway

smcp

"Meet her"

The helmorder "*Meet her!*" is given stop the swing of the vessel's head in a turn.



Underway

"Steady as she goes"

The order "*Steady as she goes*" is given when at that moment the intended course to steer is straight ahead.



Underway