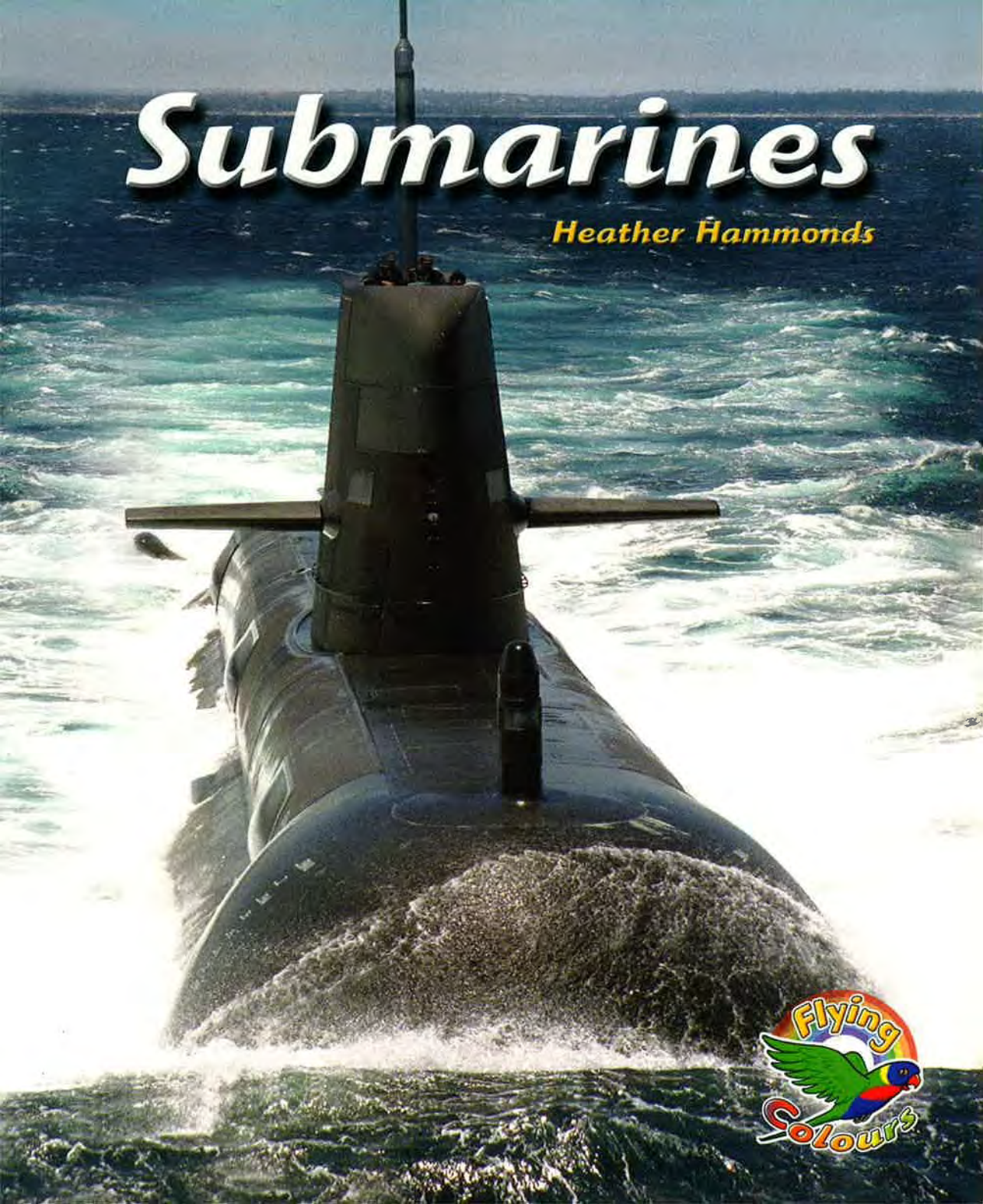

Submarines
Heather Hammonds
Flying Colours

Submarines

Heather Hammonds



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Chapter 1

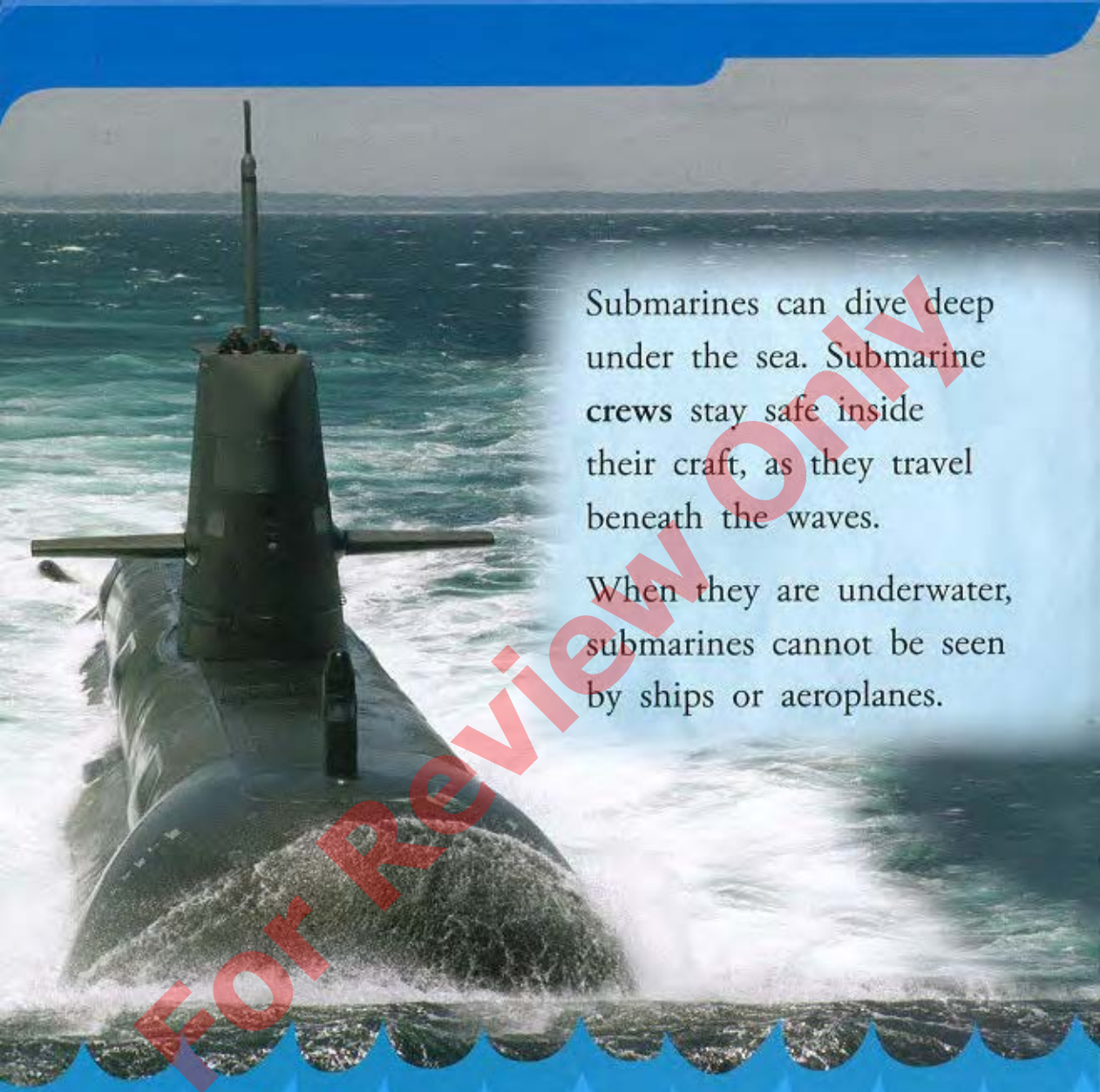
Submarines

Many ships travel across the seas of the world. Some are big and some are small. All of them float on top of the sea.



Submarines are water craft that can travel under the sea, as well as on top of it.

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Submarines can dive deep under the sea. Submarine **crews** stay safe inside their craft, as they travel beneath the waves.

When they are underwater, submarines cannot be seen by ships or aeroplanes.

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Some submarines can dive more than 250 metres underwater. That's a long way down!

In many countries, submarines are owned by the **navy**.

The navy uses submarines to:

- help **protect** the country they belong to
- help protect ships travelling from country to country
- learn more about the seas of the world.



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How a Submarine Rises and Sinks

A submarine floats, just like a ship.

To make a submarine go under the sea, tanks inside it are filled with water.

To make a submarine go up, air is pushed into the tanks. Water is pushed out by the air.



These submarines are:









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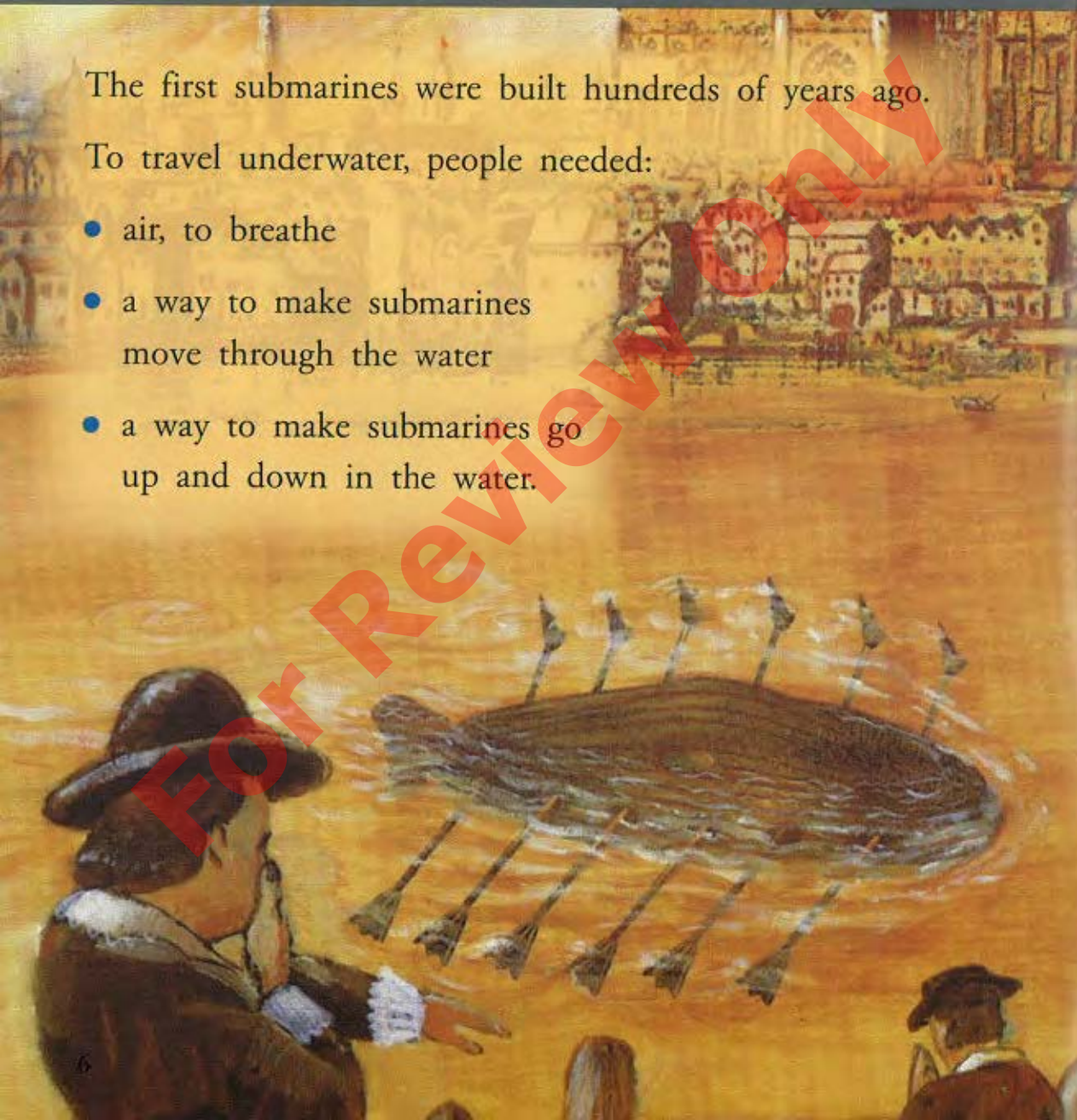
Chapter 2

The First Submarines

The first submarines were built hundreds of years ago.

To travel underwater, people needed:

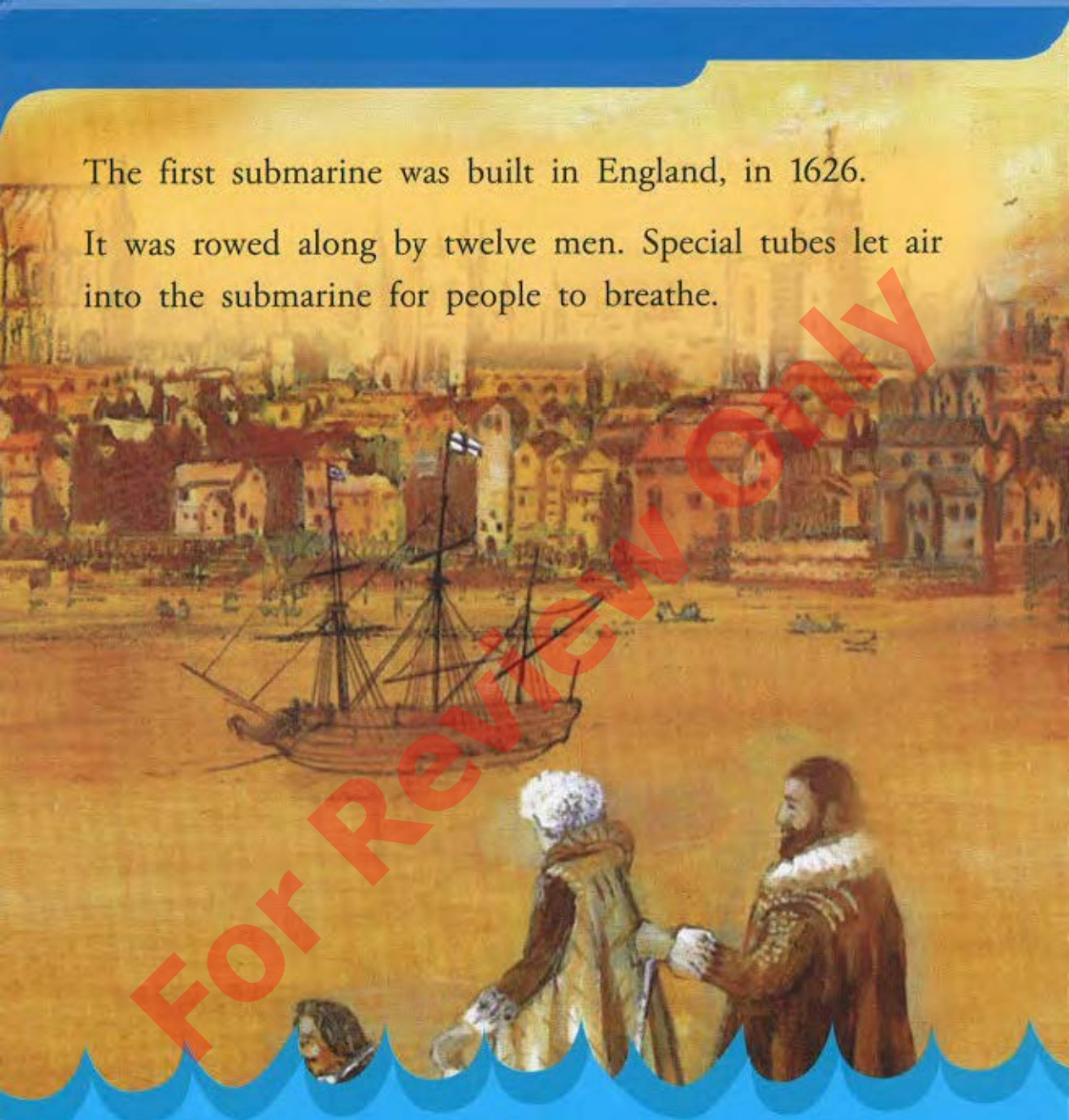
- air, to breathe
- a way to make submarines move through the water
- a way to make submarines go up and down in the water.



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The first submarine was built in England, in 1626.

It was rowed along by twelve men. Special tubes let air into the submarine for people to breathe.





The first submarines could not stay underwater for very long.

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