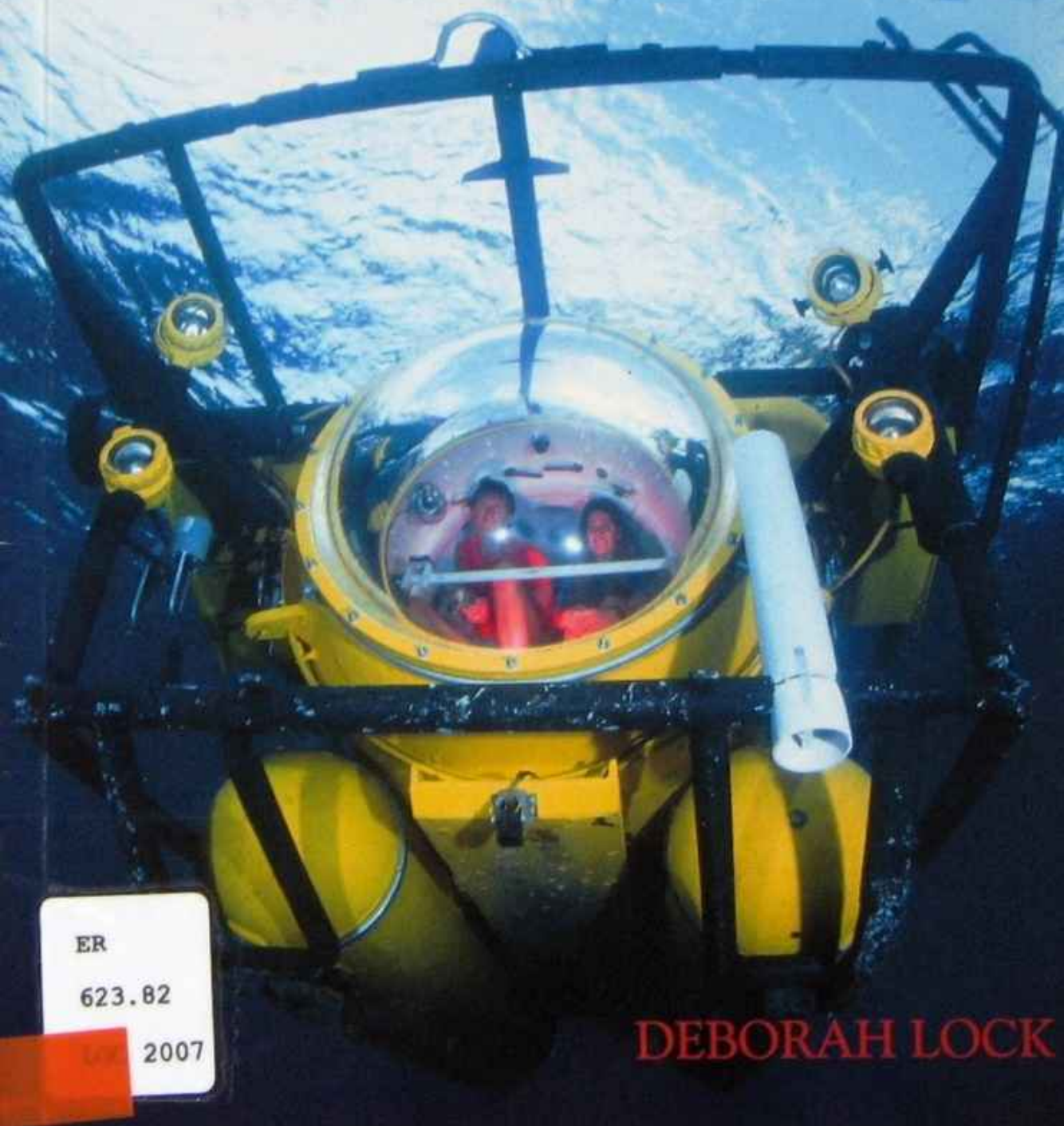


DK READERS

BEGINNING
1
TO READ

Submarines and Submersibles

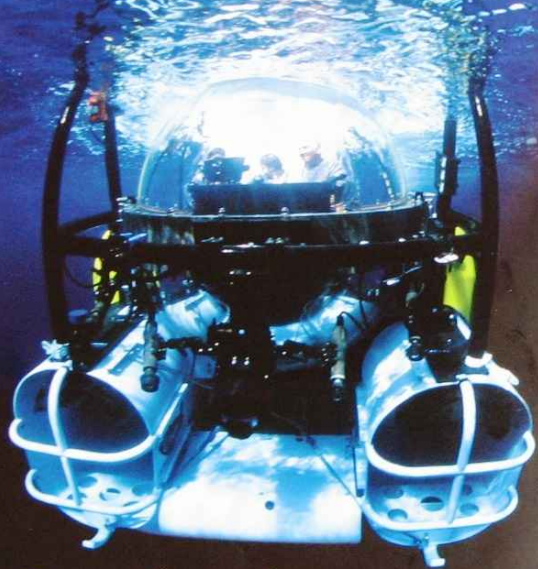


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DEBORAH LOCK



Down, down, down.
The submersible
[sub-MER-suh-bull]
dives under the sea.

Deeper, deeper, deeper.
A submersible is a craft used
for short trips deep underwater.
This submersible has
three people on board.

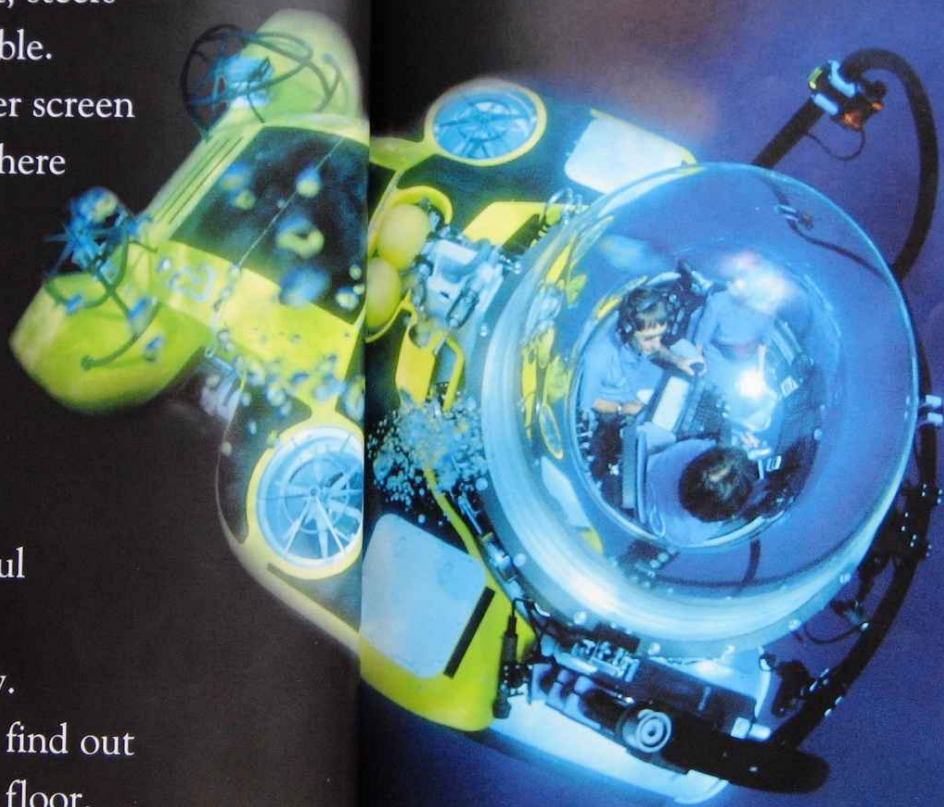


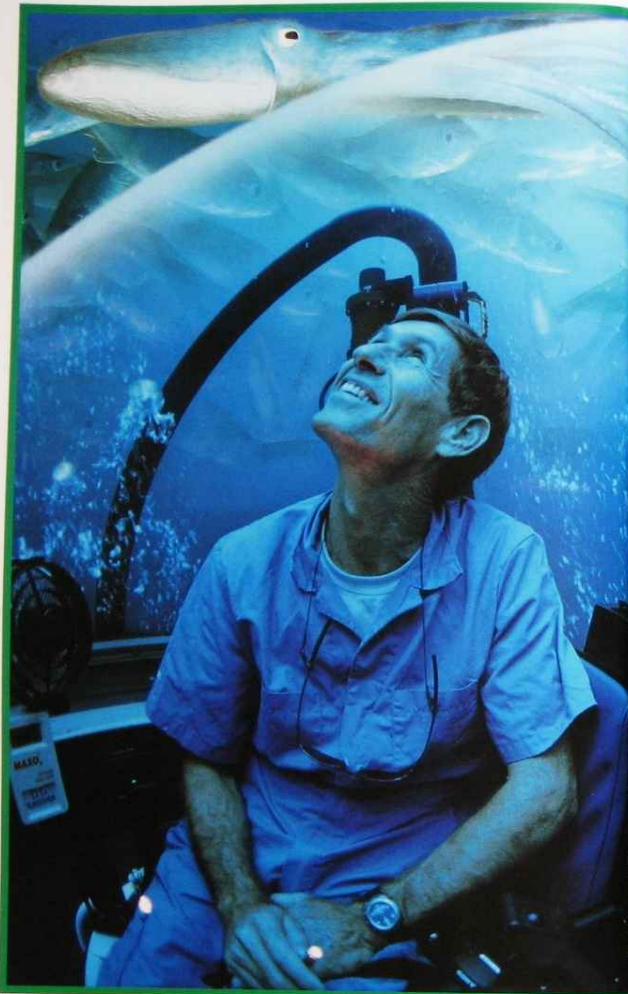
Jim, the pilot, steers
the submersible.
The computer screen
shows him where
to go.

computer
screen

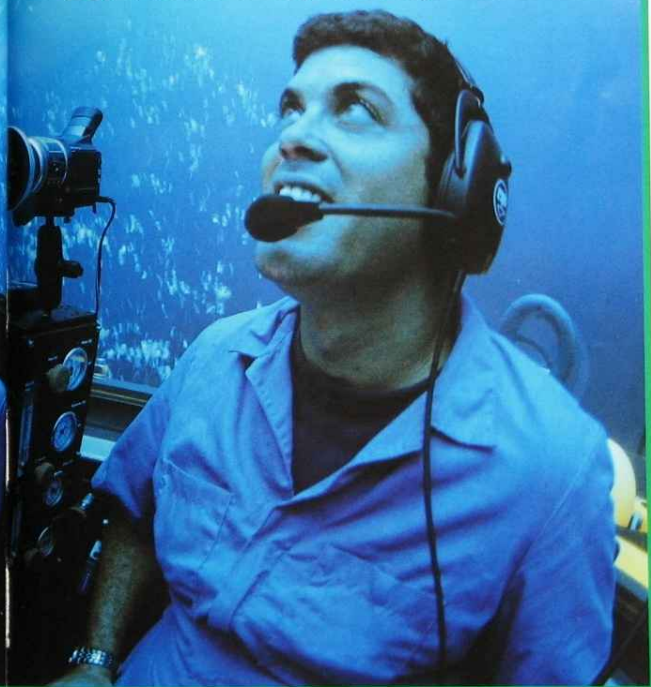


Mark and Paul
look out
of the window.
They want to find out
about the sea floor.



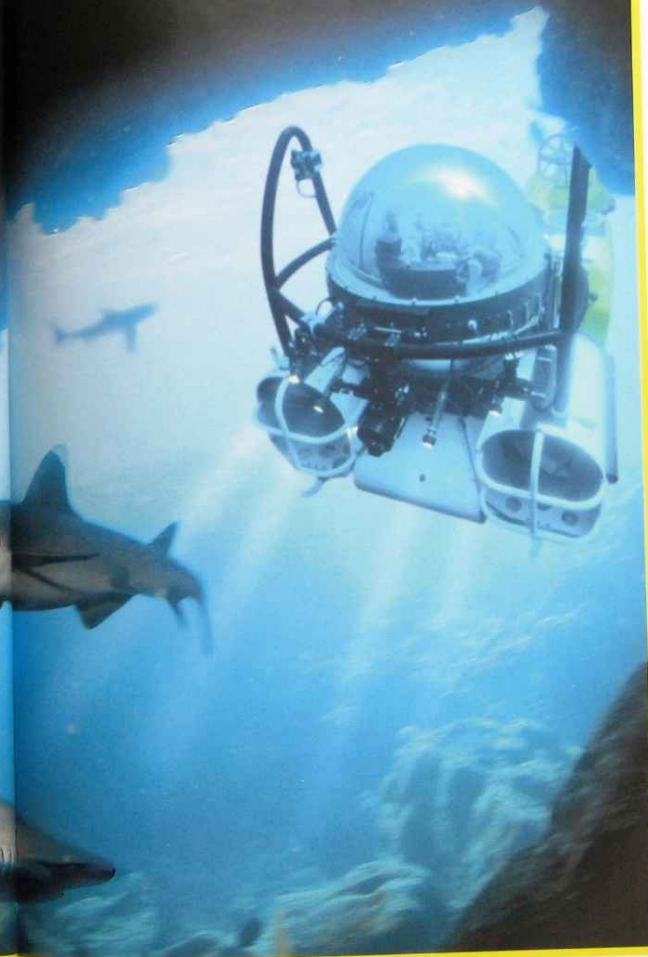
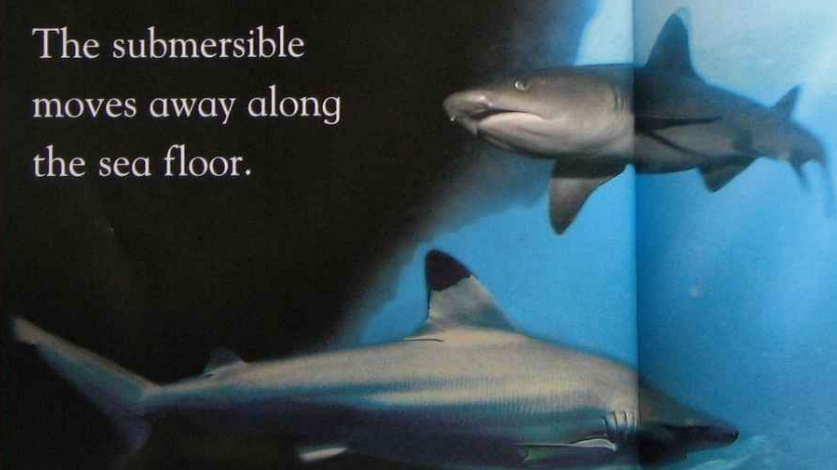


The submersible
reaches the sea floor.
The crew watches the sea animals.
“I can see an octopus,” says Mark.
“Let’s take a video of it.”



They find
an underwater cave.
“Look at all the sharks,”
says Mark.
“This must be
where they rest.”

The submersible
moves away along
the sea floor.



A strange shape appears
in front of them.

“What’s that?” asks Jim.

“It looks like the wreck
of an old war submarine
[sub-MUH-reen],” says Paul.
“We’d better get going,” says Jim.
“The water’s getting rough.”

submarine

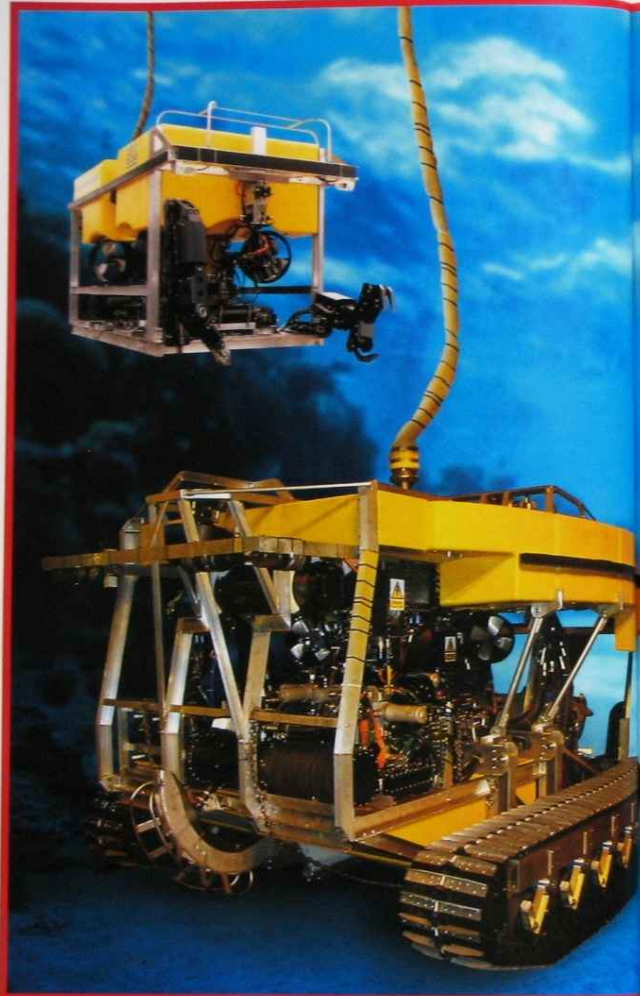




Jim steers the submersible to the surface. A crane lifts it out of the water.

“We can send the underwater robot to look at the wreck,” says Paul.





Robot submersibles,
or ROVs, are used when
the water is dangerous.
They are used to
explore the sea floor
and wrecks.

ROVs can also be used
to lay cables and mend
pipes deep underwater.



The ROV is lowered
into the water.
It has a cable line
linking it
to the ship.

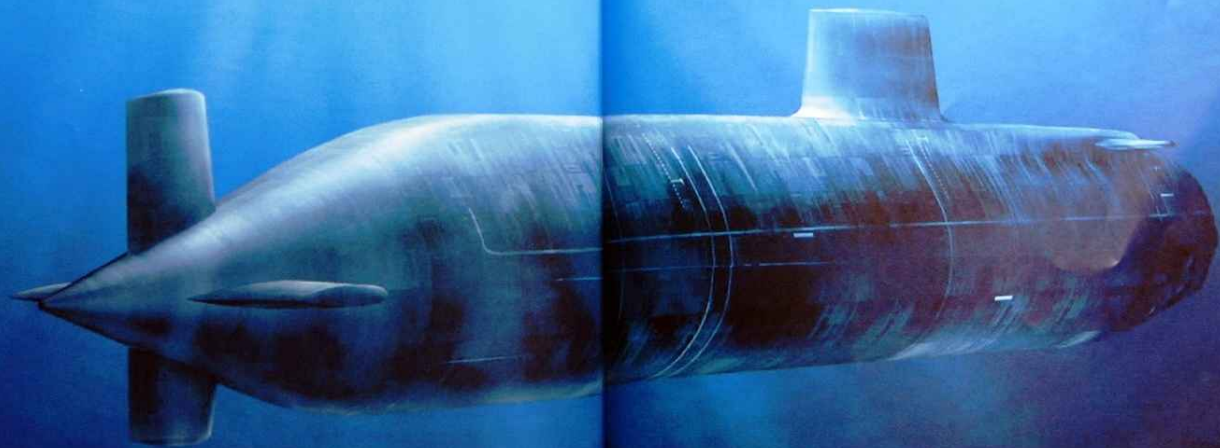


Jim controls the ROV
from the ship and steers it
around the wreck.
It sends back pictures of
the submarine.

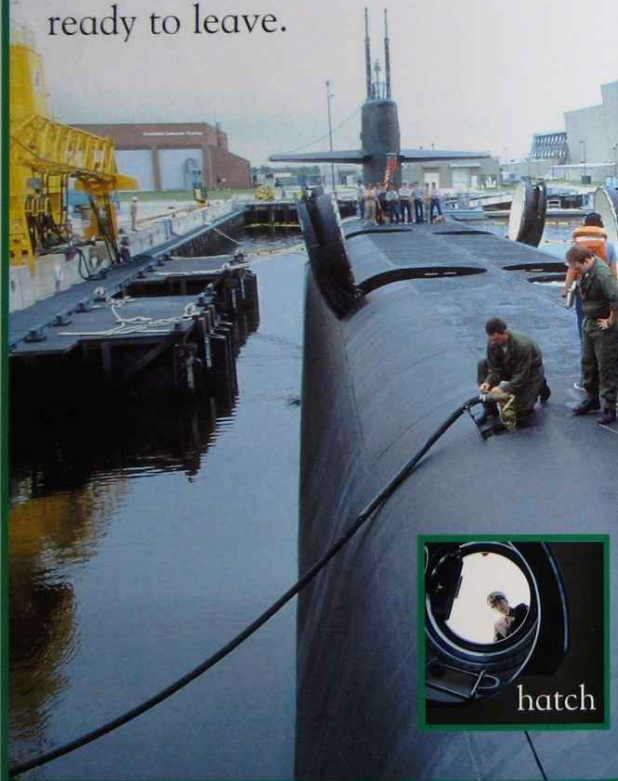


Modern submarines can carry more than 120 people. They are often used for long trips underwater.

Many submarines are painted black so it is hard to see them in the dark water.



This submarine is docked
in a harbor.
The crew gets the submarine
ready to leave.



hatch

Then they climb inside.
“Close the hatches,”
orders the captain.



The submarine moves away
from the dock.

Out at sea, the submarine
dives below the waves.

It will be at sea for three months.



The crew takes turns eating,
working, and sleeping.
Their beds are bunks.



Some members of the crew
work in the control room.
After three months underwater,
they take the submarine
up to the surface.



The captain needs to make sure it is safe to surface.

The periscopes [PARE-uh-scopes] are raised just above the water.



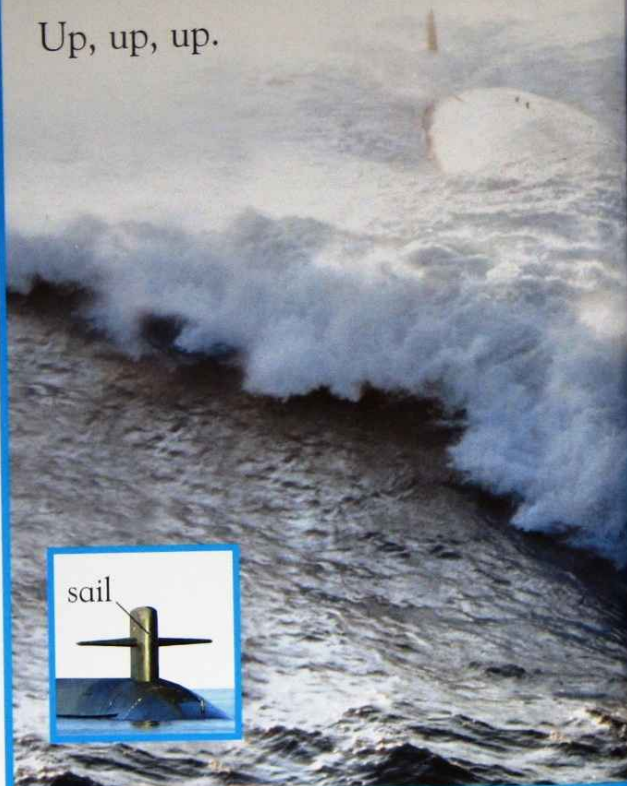
periscope



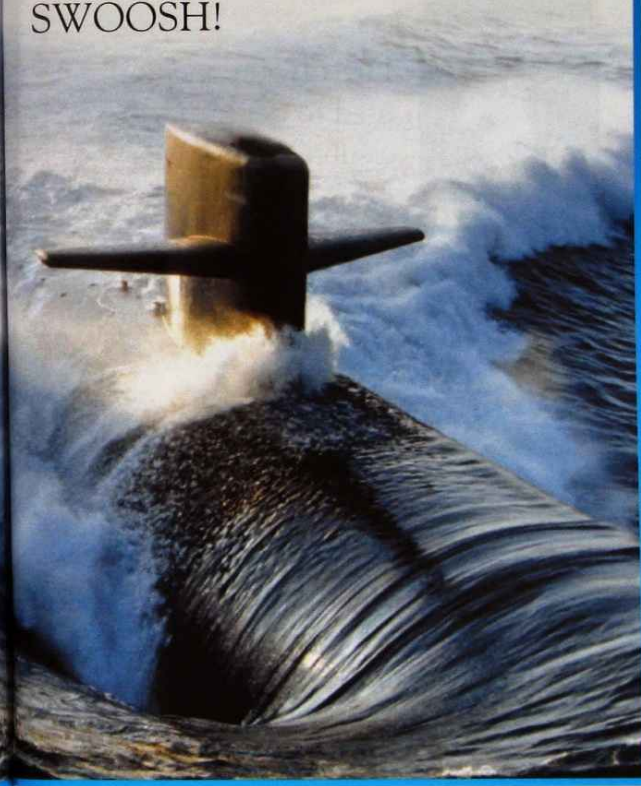
The men look through the eyepieces.

The mirrors inside the periscopes show them what is on the surface.

The men can see the coast.
They are almost home.
“Surface,” the captain orders.
Up, up, up.



The submarine's sail appears first.
The submarine makes a big wave
as it rises.
SWOOSH!



Glossary



Computer screen a surface that shows pictures



Hatch an opening used to get into a submarine



Periscope a long tube used to see above the water



Sail the raised part of a submarine



Submarine a craft that can travel underwater

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READERS

My name is _____

I have read this book

Date _____