

TWENTY THOUSAND NETS UNDER THE SEA

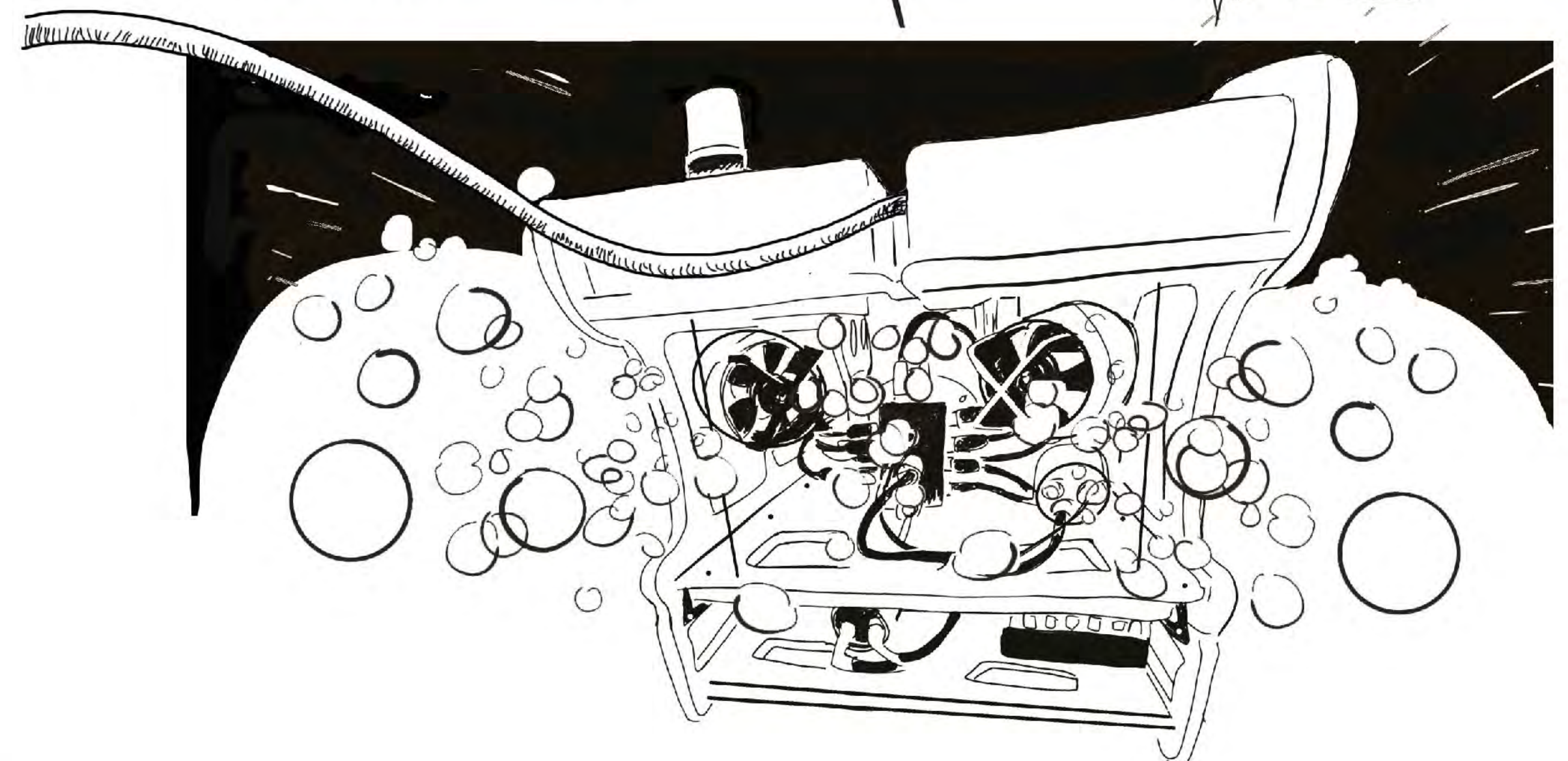
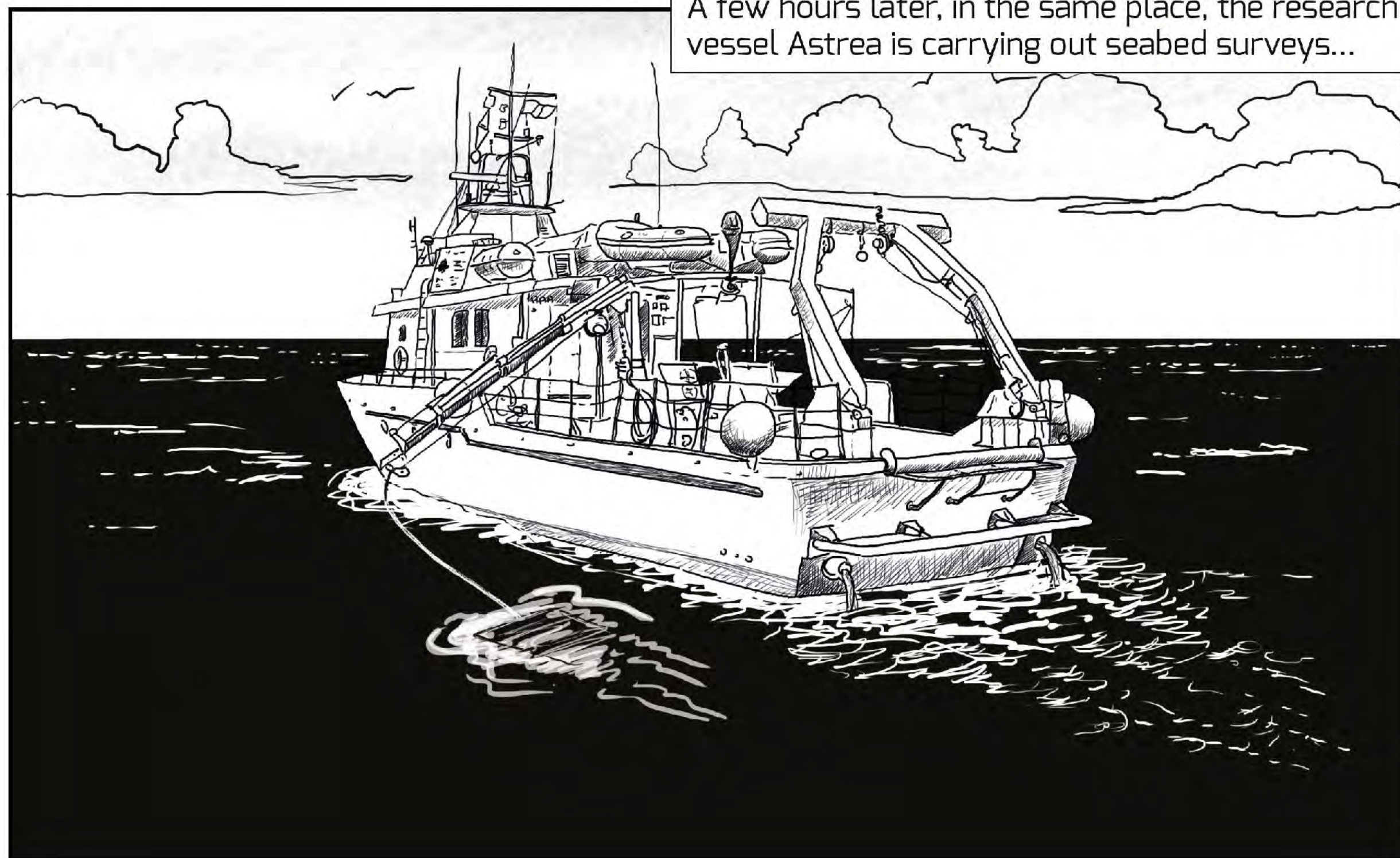


Somewhere in Sardinia, at dawn...





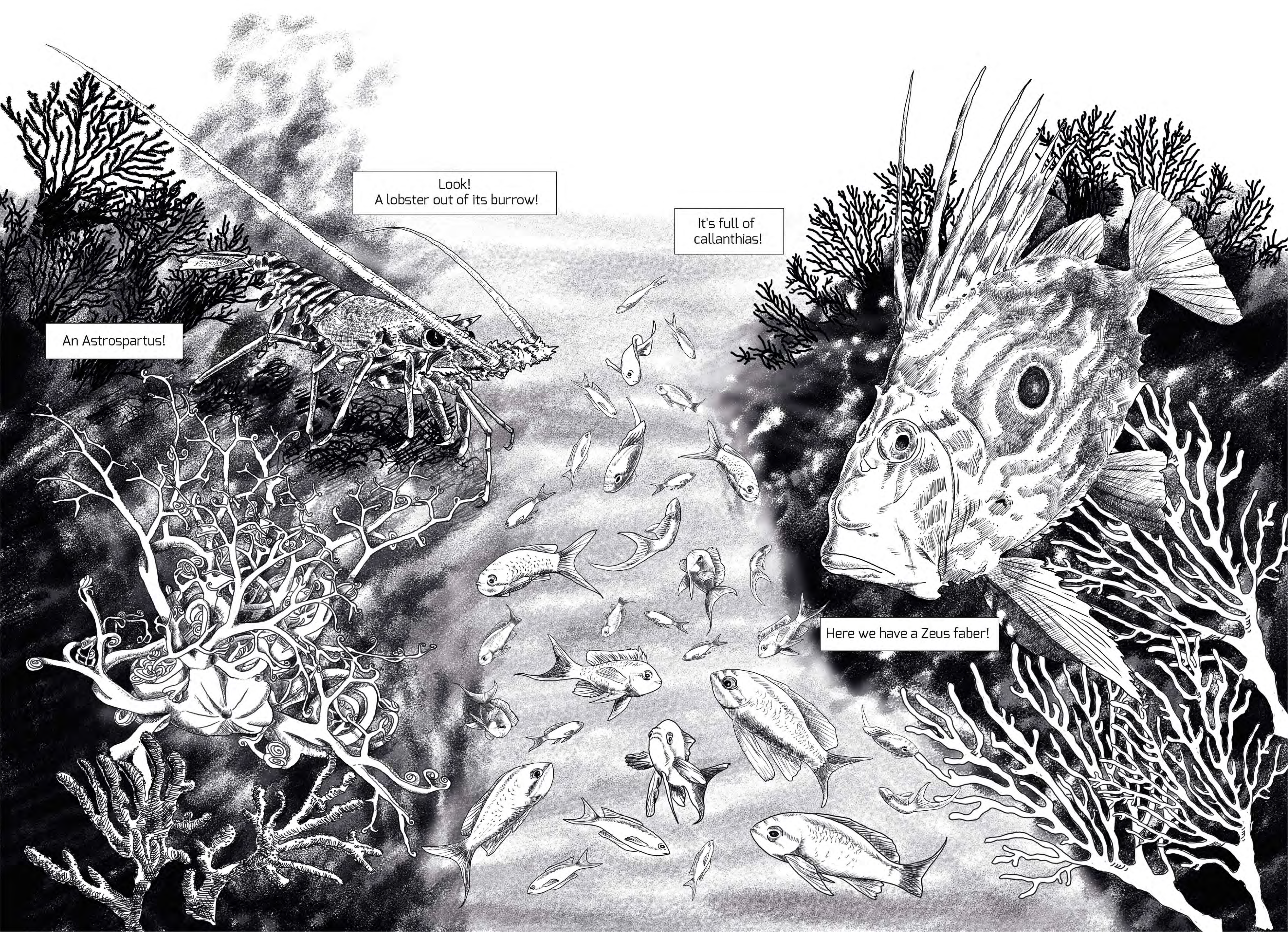
A few hours later, in the same place, the research vessel Astrea is carrying out seabed surveys...



The exploration begins...

WOW!
What a sight!





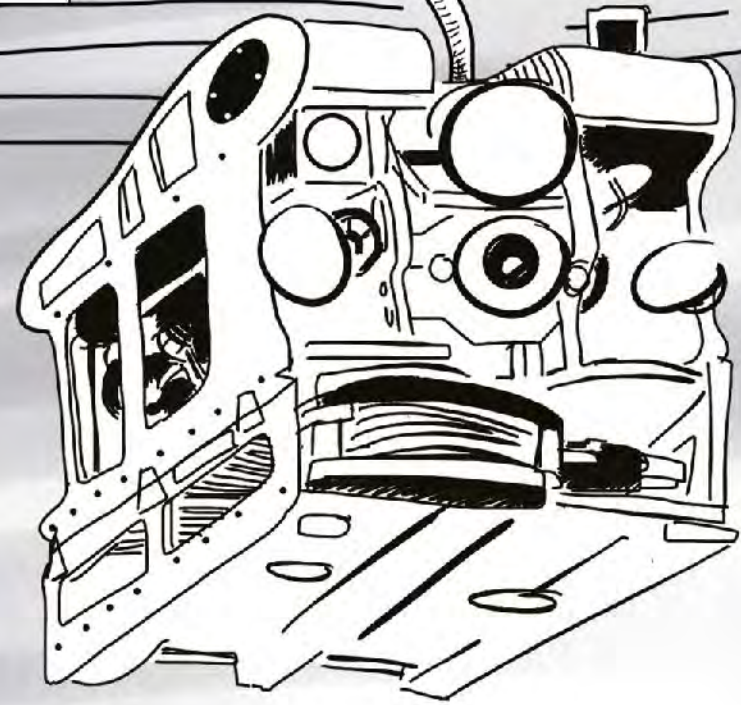
Look!
A lobster out of its burrow!

It's full of
callanthias!

An *Astrospartus*!

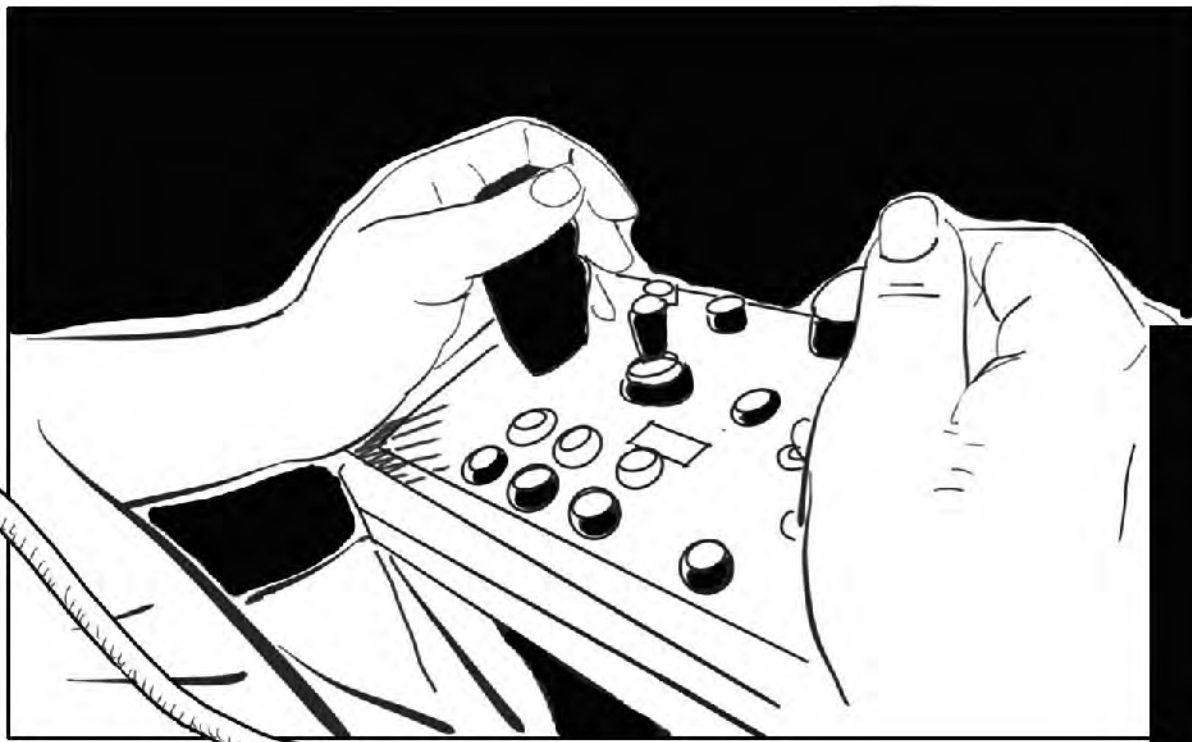
Here we have a *Zeus faber*!

Unfortunately,
the illusion ends soon...



What a mess!
A graveyard of nets...





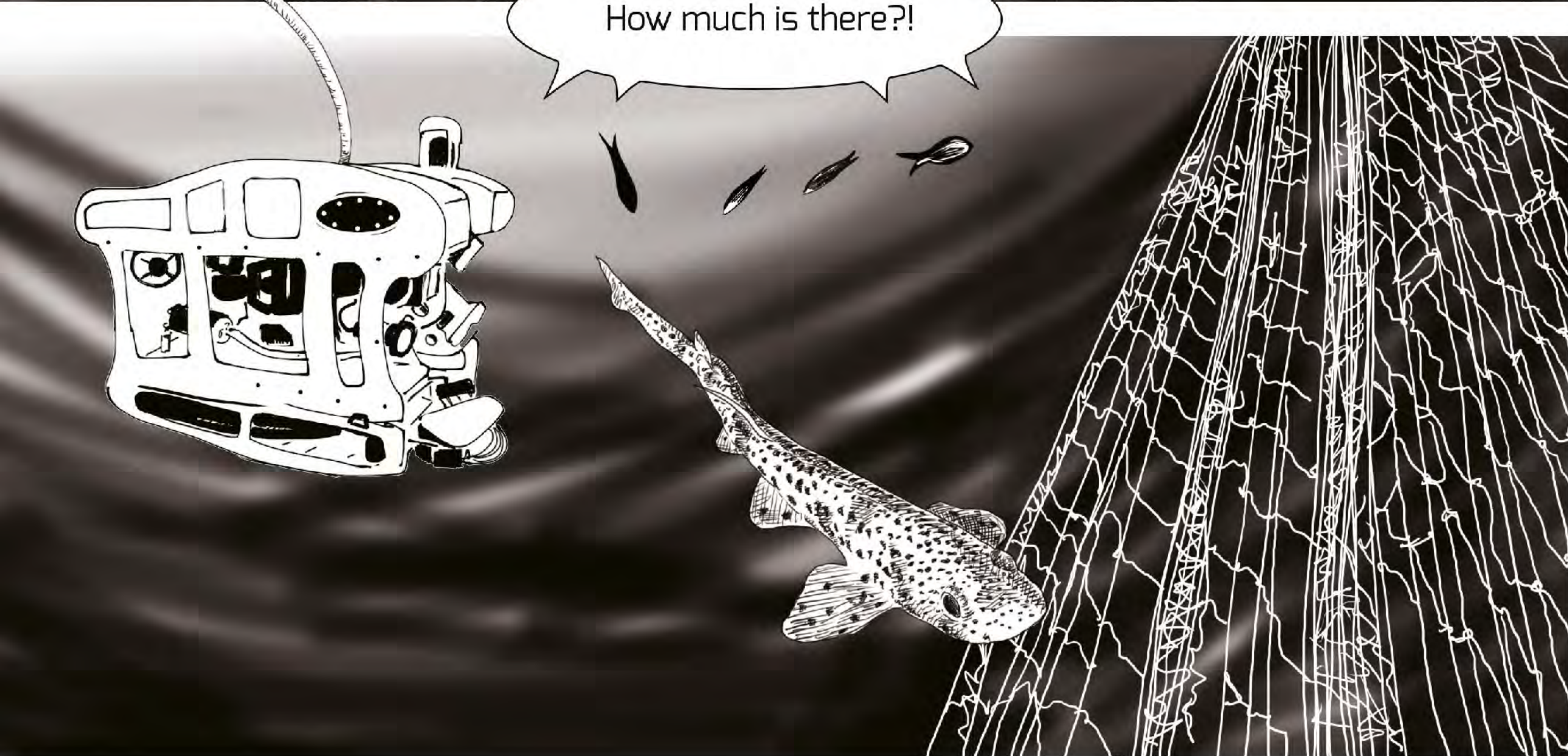
It's full of abandoned litter...



Be careful not to get caught in it!



How much is there?!



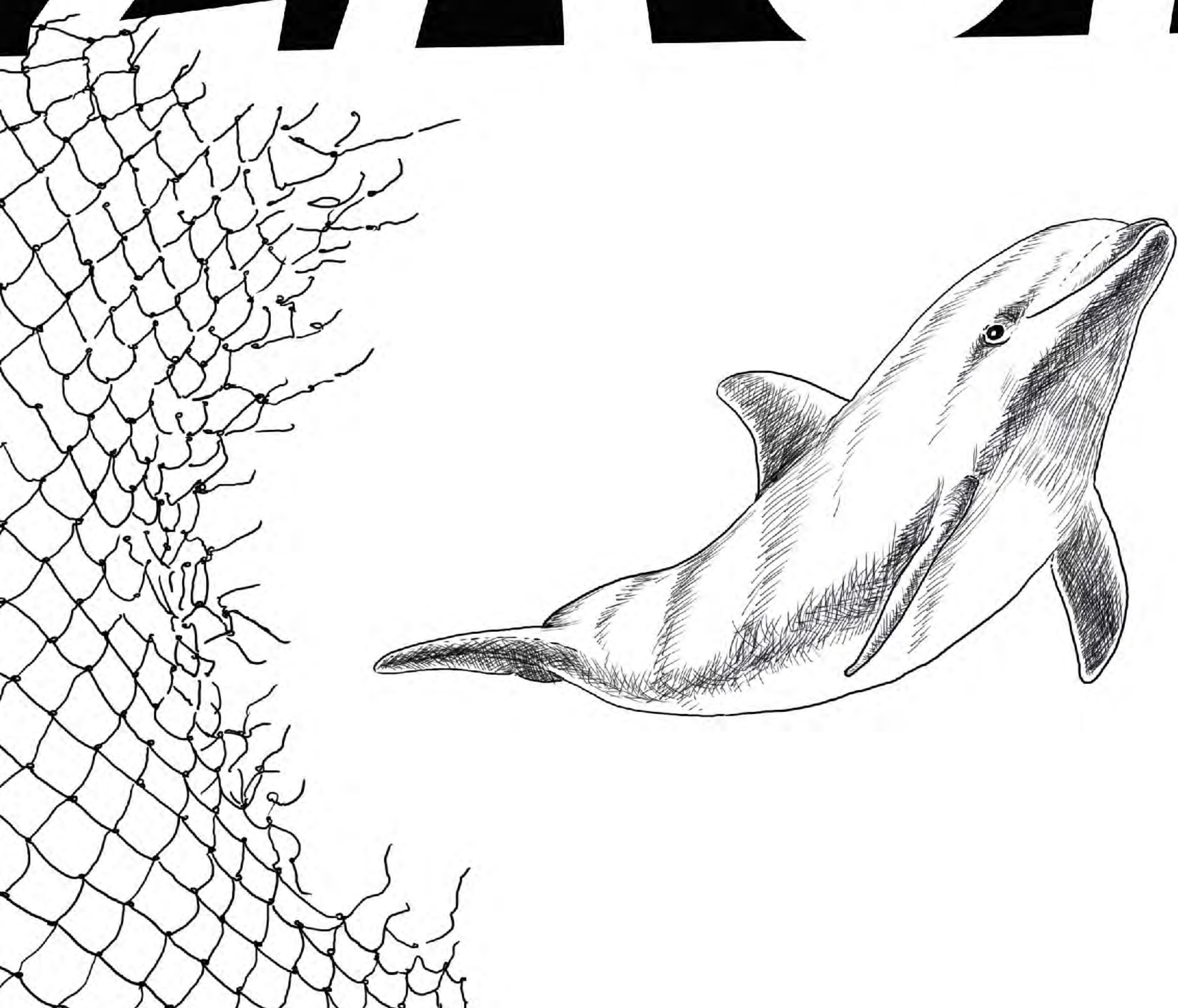
What is that?! Oh no...

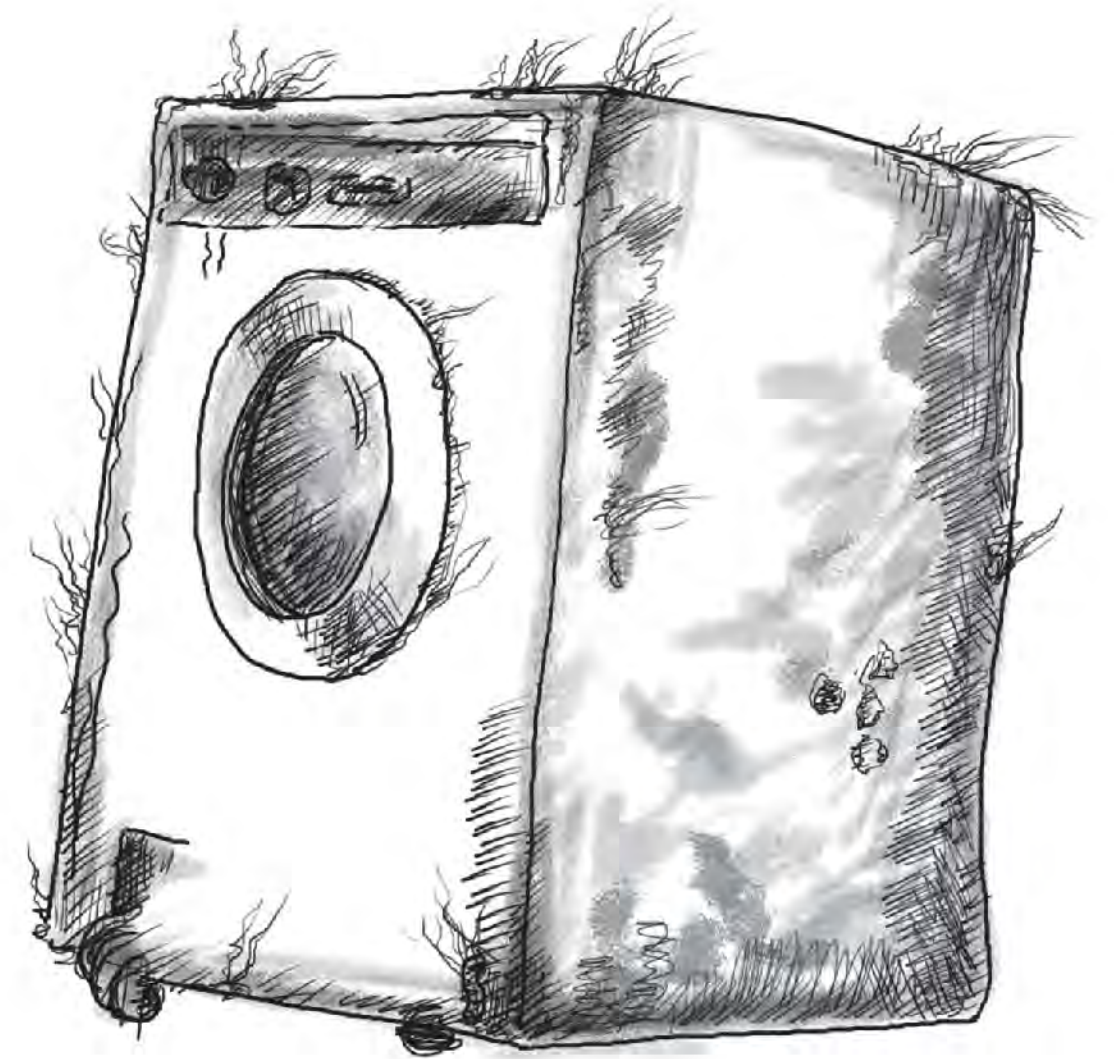
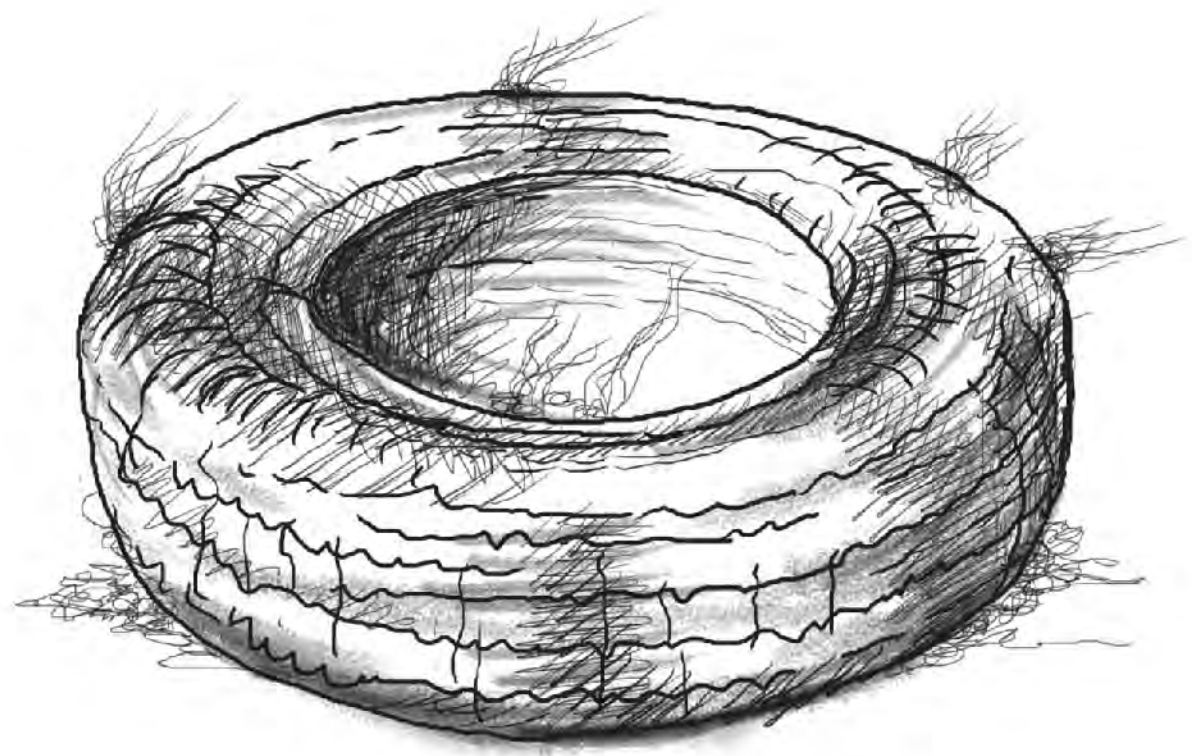
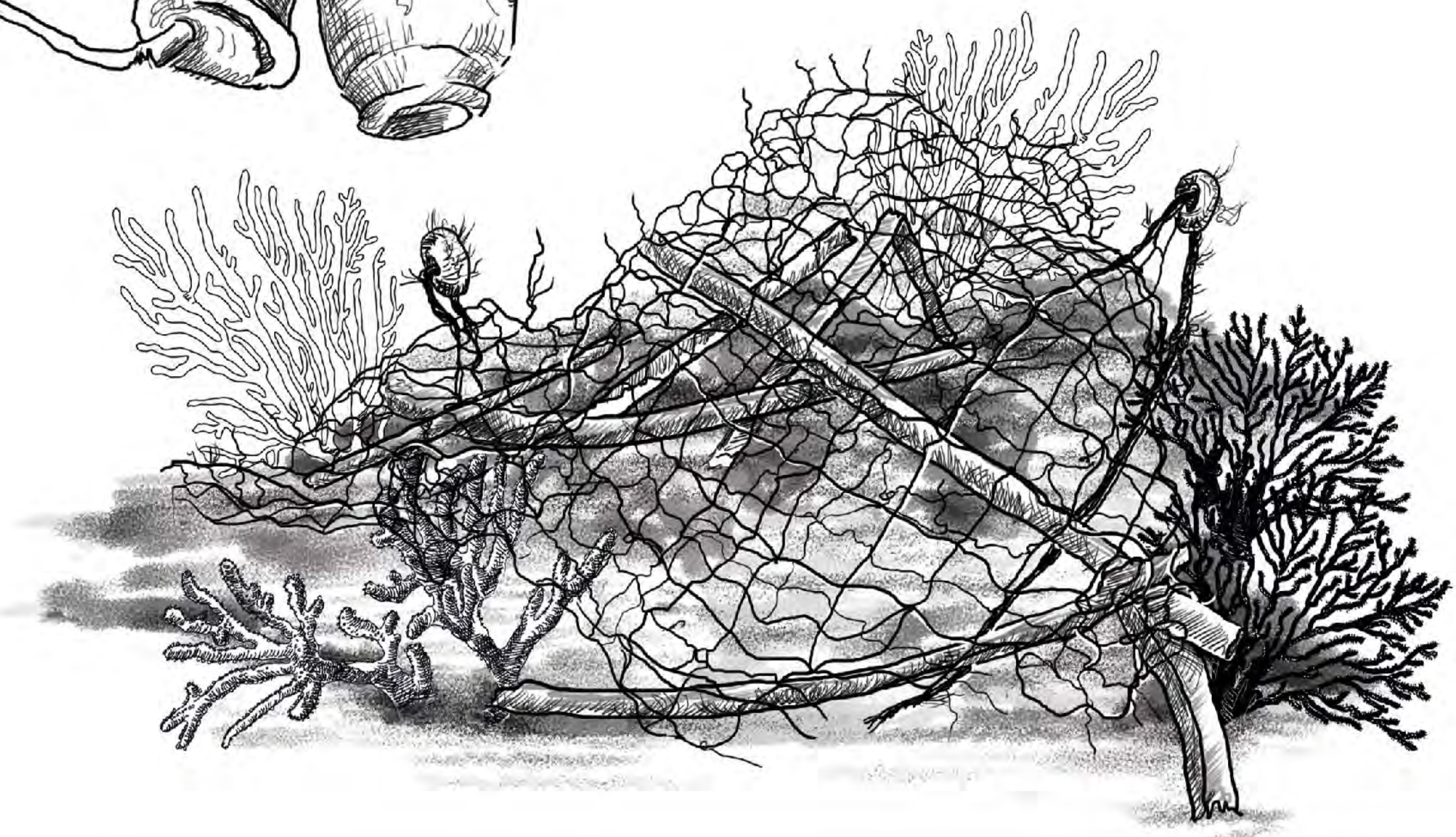
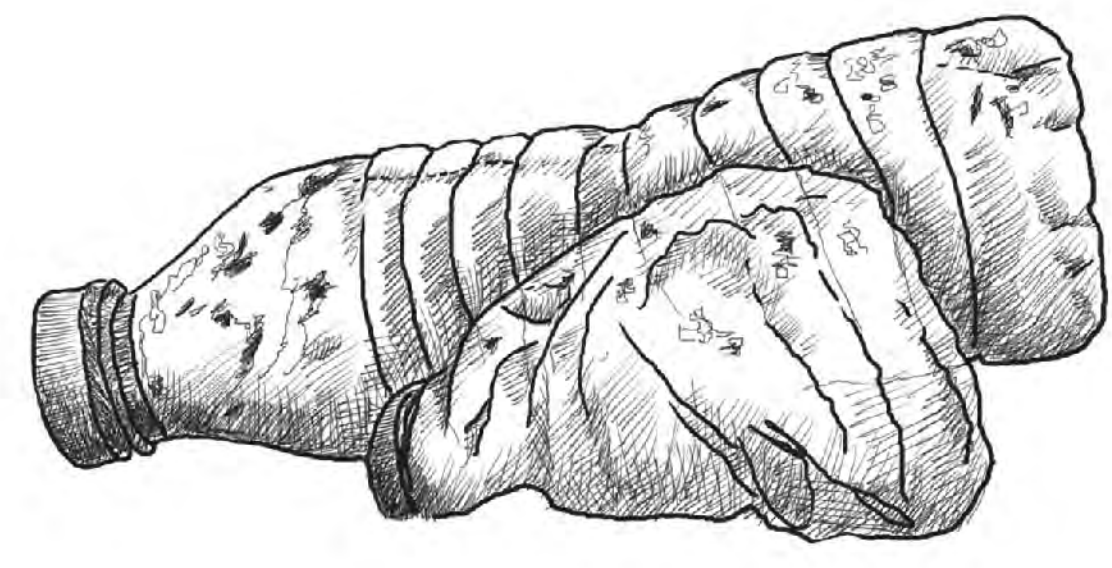
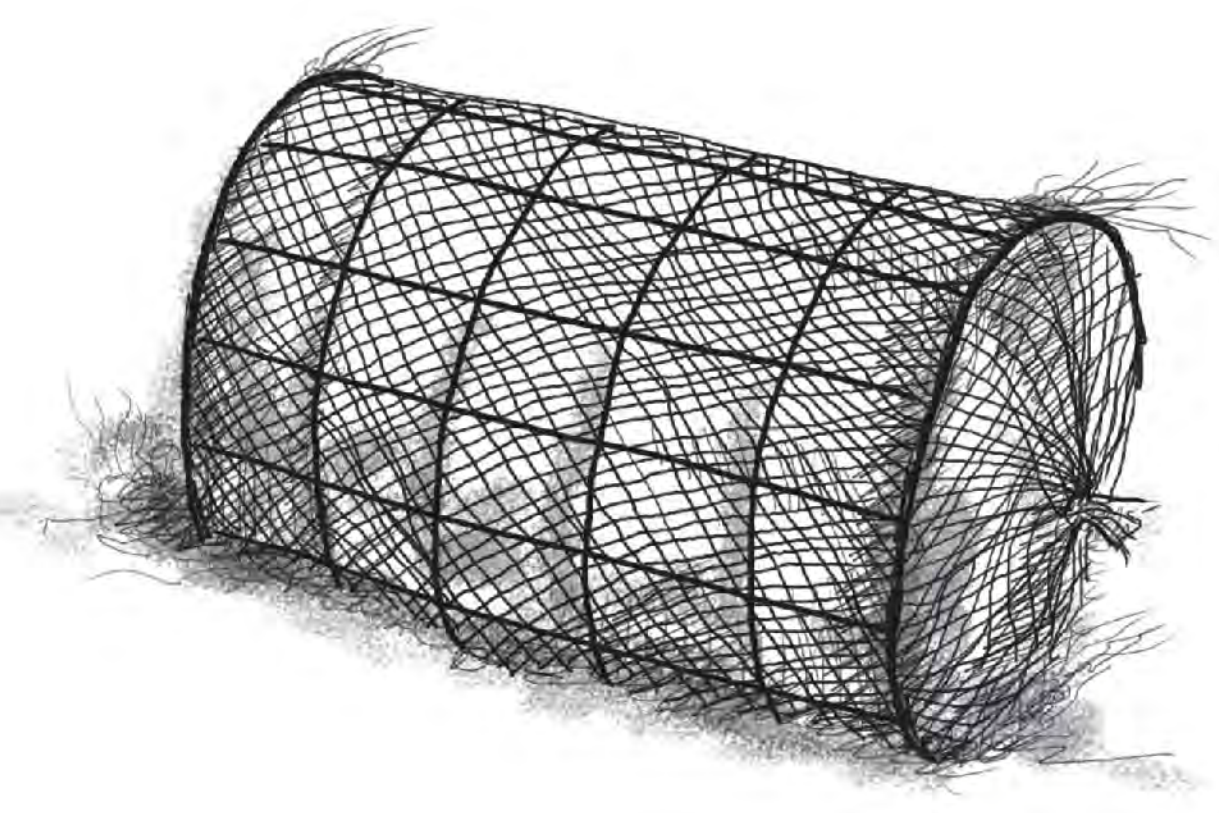


A dolphin!

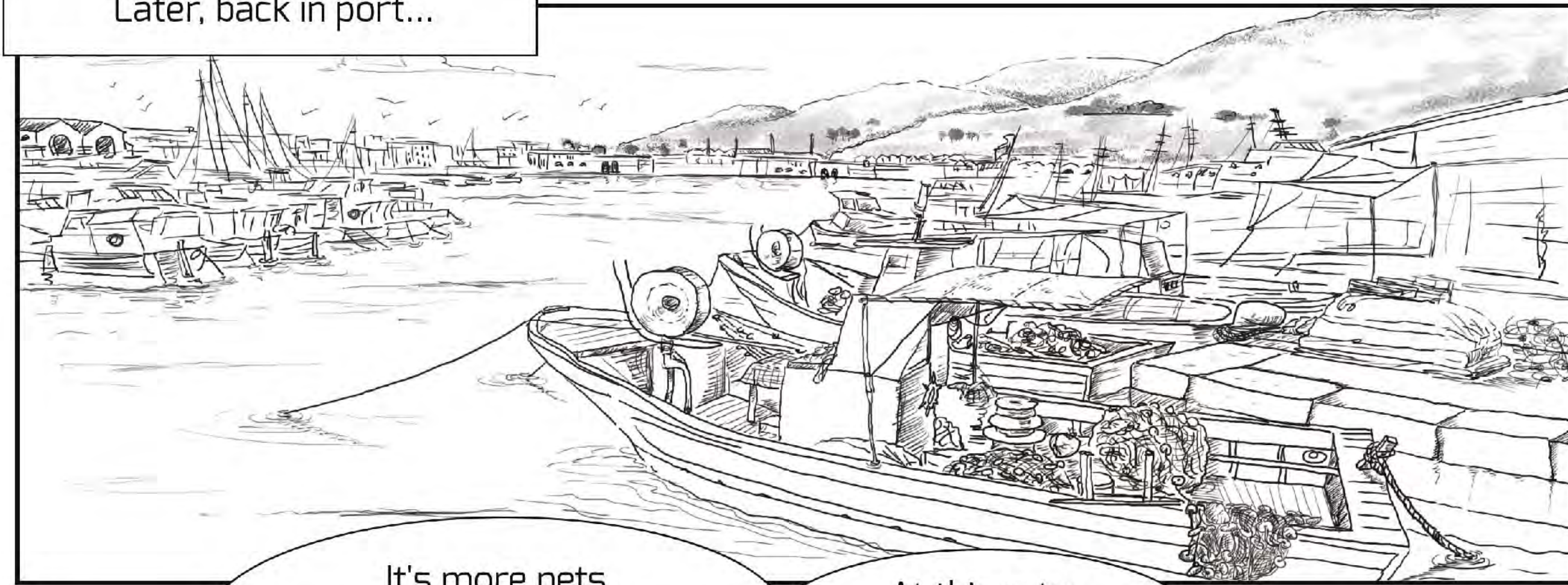
Good thing it's alive!
It must have just got caught
in the net!
Let's help him!







Later, back in port...



It's more nets coming back broken than nets catching fish...

At this rate, where will we end up?



We can't take it anymore...!



This bike is the same one I had when I was little!

Do you collect a lot of litter?
Lots of lost fishing gear?
Do you ever lose equipment?
What do you do then?
And when you get bulky things onboard, what do you do?

Ms.?! Calm down, please!
We are also very concerned about the problem!



We know that recovering these materials is not only good for the sea but also for our business!

Luckily, a solution has finally been found!

Now the litter we recover can be brought ashore and managed properly!



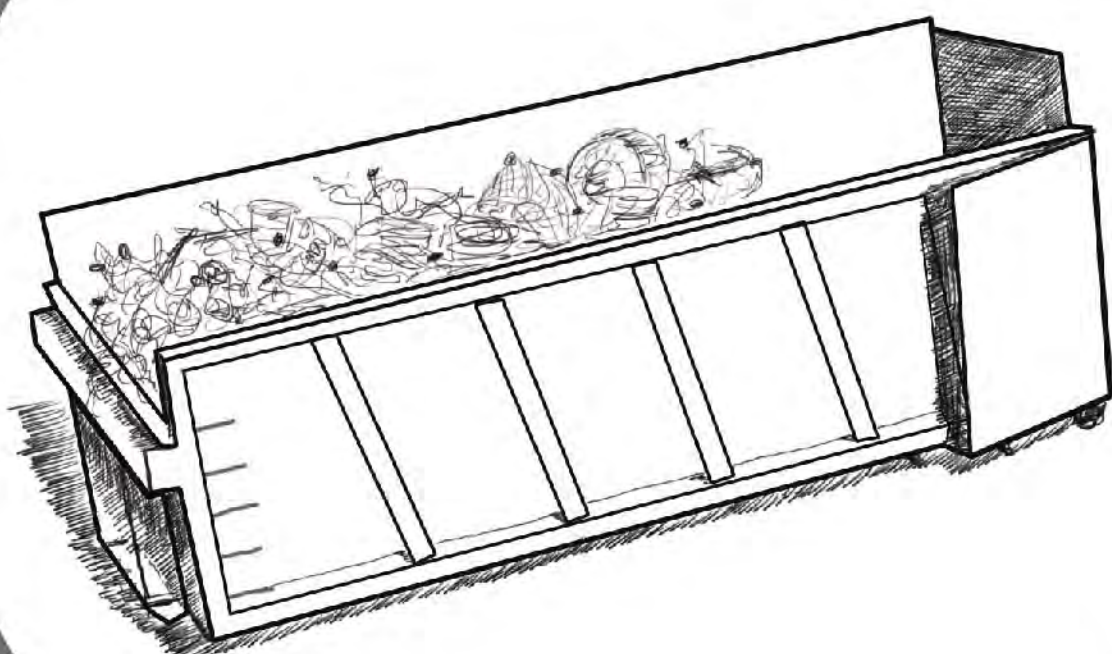
1

Fishermen will be able to bring their litter ashore. It is no longer considered 'special waste'



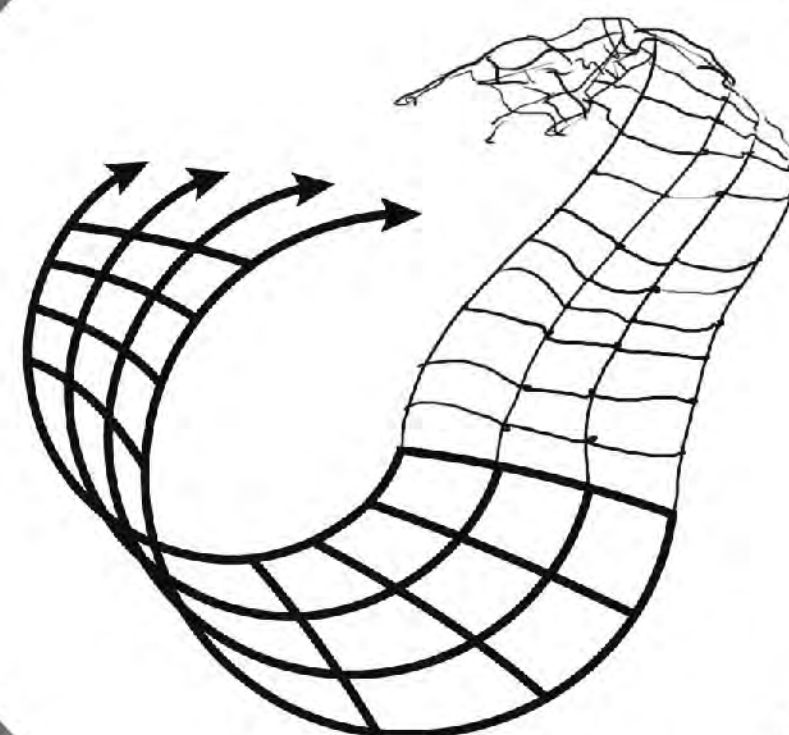
2

Collection points will be set up in the ports



3

Depending on the nature of the waste, it can be sent for recycling, energy recovery or appropriate disposal



Art. 4 LAW no. 60 of 17 May 2022 and art. 179 of Legislative Decree no. 152 of 3 April 2006)



Non molto tempo dopo...



ma che fai?!
Vuoi veramente che i tuoi nipoti
mangino plastica invece dei pesci?



Già sono pochi...
e ogni volta dobbiamo
perdere tempo
a ripulire tutto!!



Mamma mia Gavino, come sei noioso!
Che vuoi che sia! Il mondo è pieno di spazzatura...
per di più dentro il mare nessuno la vede!



Proprio per questo
non voglio essere io
a lasciarne altra in giro,
abbiamo anche la legge
dalla nostra parte
(ce lo dicevano pure
gli scienziati...)

Se lo dite voi...



Va bene, io me ne vado a casa...



Buona giornata!

Ma quella...non l'avevo gettata in mare tempo fa..?





TWENTY THOUSAND NETS UNDER THE SEA

Have you ever heard of marine litter? Do you know what it is?
This term refers to 'any persistent solid material of human origin discarded into the marine environment'.

So we are talking about WASTE that can get into the sea either from fishing and shipping activities, i.e. MARITIME ACTIVITIES, or from the mismanagement of waste from LAND ACTIVITIES, such as domestic and industrial waste. PLASTICS, RUBBER, METAL and GLASS, once in the sea, can be deposited on the seafloor, floated by sea currents or washed ashore... Often these objects have been produced many years ago and in places very far from where they were found!

The accumulation of large quantities of marine litter on the seafloor can have considerable negative consequences for ecosystems. Sometimes it becomes entangled on organisms that live anchored to the substrate, such as corals, gorgonians and sponges. This causes abrasion damage and, in the long term, progressive habitat degradation.

It also happens that some marine organisms inadvertently ingest litter, either by mistaking it for food or in the form of microplastics. These are tiny plastic particles produced by the fragmentation of larger pieces.

Among the litter in the sea, it is important to pay attention to "ghost nets", i.e. fishing gear that is accidentally lost and which, by drifting for a long time, continues to capture organisms. Their "catch" attracts other fish, crustaceans, mammals and seabirds looking for food, which often become trapped or entangled, resulting in a vicious circle.

The MoRinet project has contributed to reducing the problem of lost marine debris. It has focused on lost fishing gear and aimed to conserve marine habitats both by studying the effects of litter on organisms and by removing it.

Involving fishermen in recovery and raising awareness are our strengths. Once the waste has been recovered, what happens to it?

Following the circular economy, polyethylene items are recycled and reused where appropriate.

ROV=Remotely Operated Vehicle

Remotely operated vehicle robot
i.e. controlled from a station
that guarantees the safety of the operator.

*Come and discover the wonders and secrets
that lie beneath the surface of the sea!
Join us and plunge into this beautiful
world whose health we must preserve!*

Are you ready for the exploration?

Enti finanziatori



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Enti partner



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