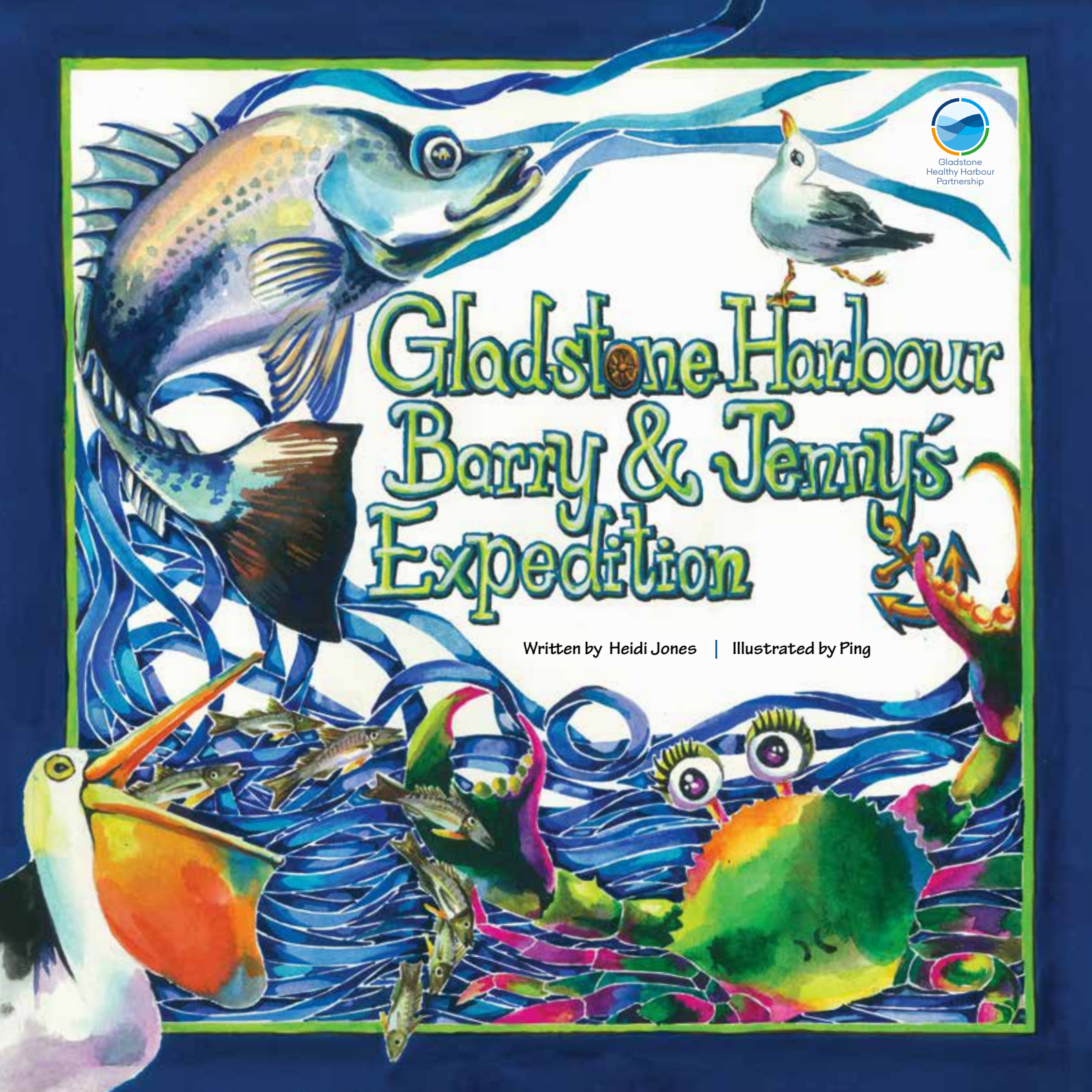




Gladstone
Healthy Harbour
Partnership

Gladstone Harbour Barry & Jenny's Expedition

Written by Heidi Jones | Illustrated by Ping





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Welcome to Gladstone Harbour,
A beautiful place to explore.
From the surrounding creeks and estuaries,
To the beaches and islands off shore.

Let's join Barry and Jenny,
As they head off on an expedition.
To learn about what's involved
In monitoring the harbour's condition.



There are many factors to consider,
To give the harbour the all clear.
So scientists gather up data,
And report back once a year.





Let's follow Barry Mundy,
There is somewhere he wants us to go.
A special place where he was born,
A place you may not know.

Near South Trees Inlet boat ramp,
Something happens you cannot see.
Hidden in the mangroves,
Is a natural fish nursery.

The baby fish are called fingerlings,
And this is where they hide,
Until they move to the harbour,
On the perfect current and tide.





Dougie Dugong is Barry's friend,
What do you think he eats?
Here is a clue if you like,
It's not burgers, fries or meat.

Dougie likes to feast on seagrass,
And seagrass has an important role.
It stabilizes sediment,
And helps with current control.

To look at the growth and species,
A helicopter drops by.
Checking the seagrass is healthy,
Off to the next meadow they fly.



Living on the mudflats,
By the mangroves, is Jenny Claw.
She uses her big nippers,
To find food on the harbour floor.

Mangroves protect the shore line,
From storms and strong tides.
They filter the water with their roots,
And keep creature's safe inside.



To keep them working properly,
It's important to keep them strong.
Avoid damage to their roots,
Admire them and move along.



Oxygen, two parts hydrogen
Is water or H₂O.
It needs stable levels
For the ecosystem to grow.

In the harbour and surrounds,
Yellow buoys can be seen.
Attached to them is a probe,
To test the water is clean.



The probe looks at water quality
Before the sediment settles.
It checks three key elements:
chemicals, nutrients and metals.





Sediment is all the particles
That settle on the bottom,
Samples of these are collected
To check if there is a problem.

To measure these levels correctly,
A machine with a metal claw,
Is sent into the water
To get samples from the floor.

Nutrients, metals and hydrocarbon
Are all put to the test,
The results are put in the report card,
To see if they're at their best.

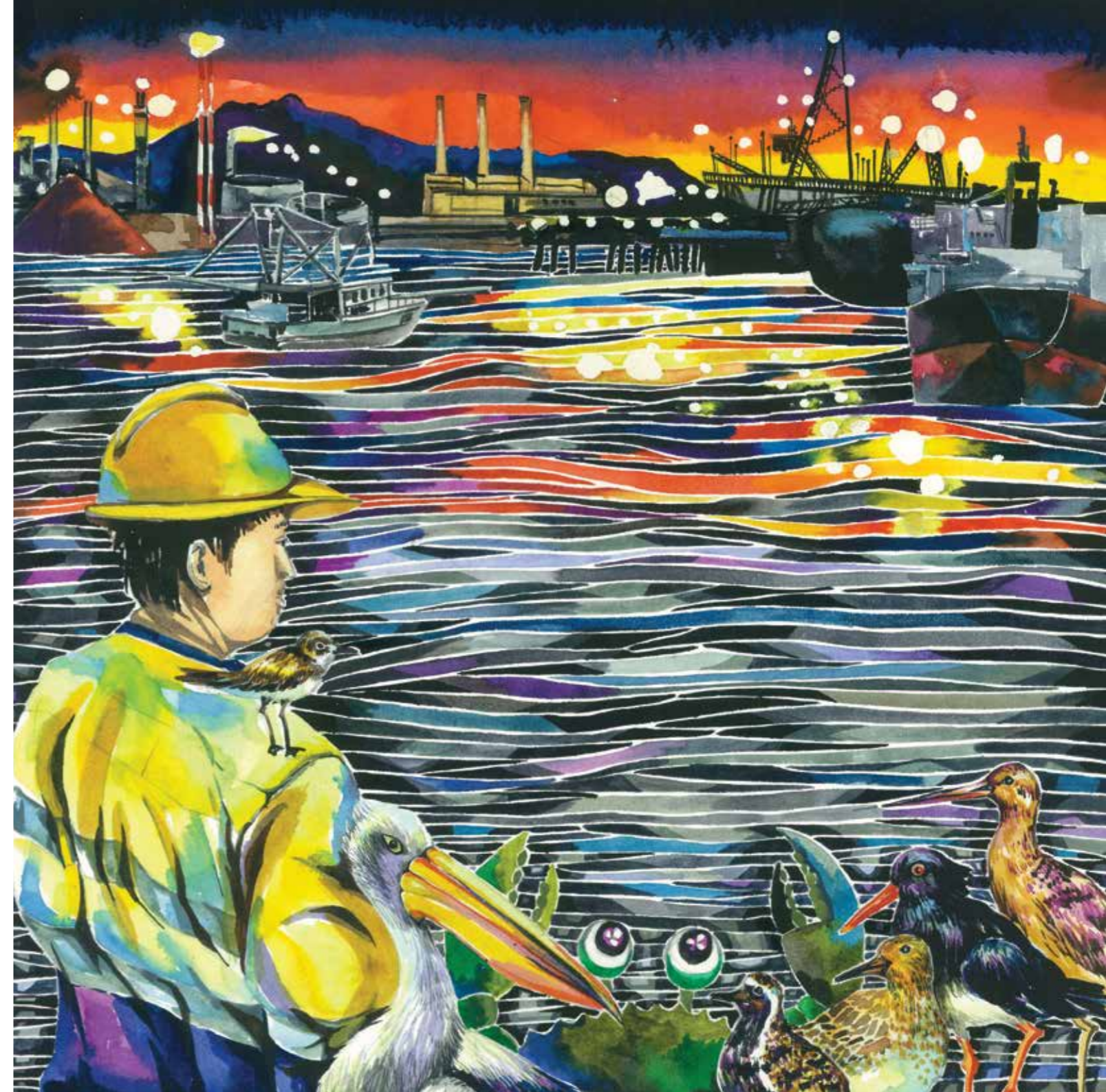


Gladstone Harbour is Queensland's
Largest multi commodity port,
It is also has the third biggest Terminal
In the world for coal export.

The harbour is a busy place,
People work here day and night.
Ferry boats transport workers
To and from Island sites.



Ships bring items into town
And take industry product away,
Transporting goods across the world
Coming and going every day.



Not only industry use the harbour,
Commercial fishermen do as well.
They travel out in their boats,
And catch the seafood that shops sell.

Fisherman leave the harbour,
The big ocean they do roam,
Catching fish, prawns and squid
Before they return home.



They unload at the marina
Without a minute to wait,
Send their catch off to the market
Fresh fish on our plate.





Spending time in the boat,
Catching crabs and wetting a line.
Picnics in the parklands
Playing in the sun shine.

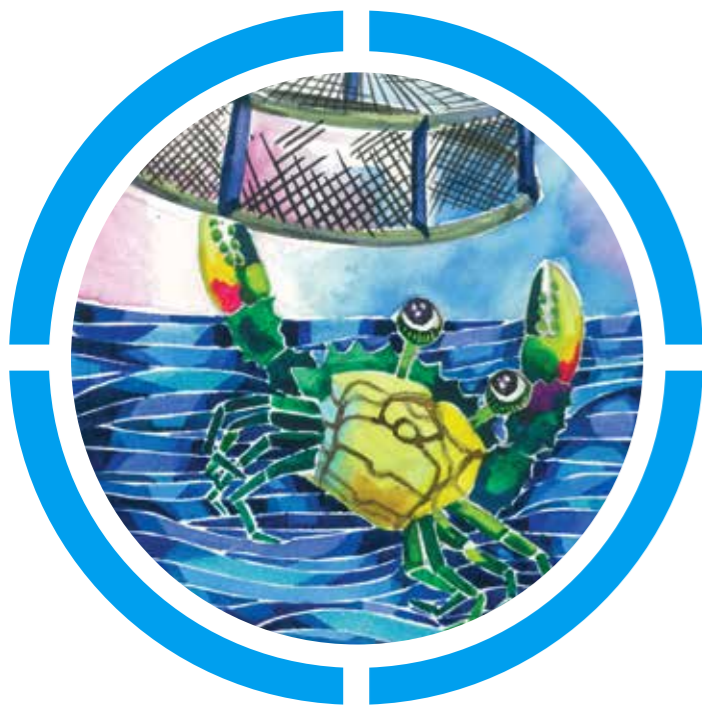
Lots of families enjoy the harbour,
It's a great place to spend the day.
Keep an eye out for the dolphins
They love to come and play.

Lots of things to see and do,
Whether with family or friends,
Swimming at Tannum Beach,
Or fishing at Toolooa Bends.

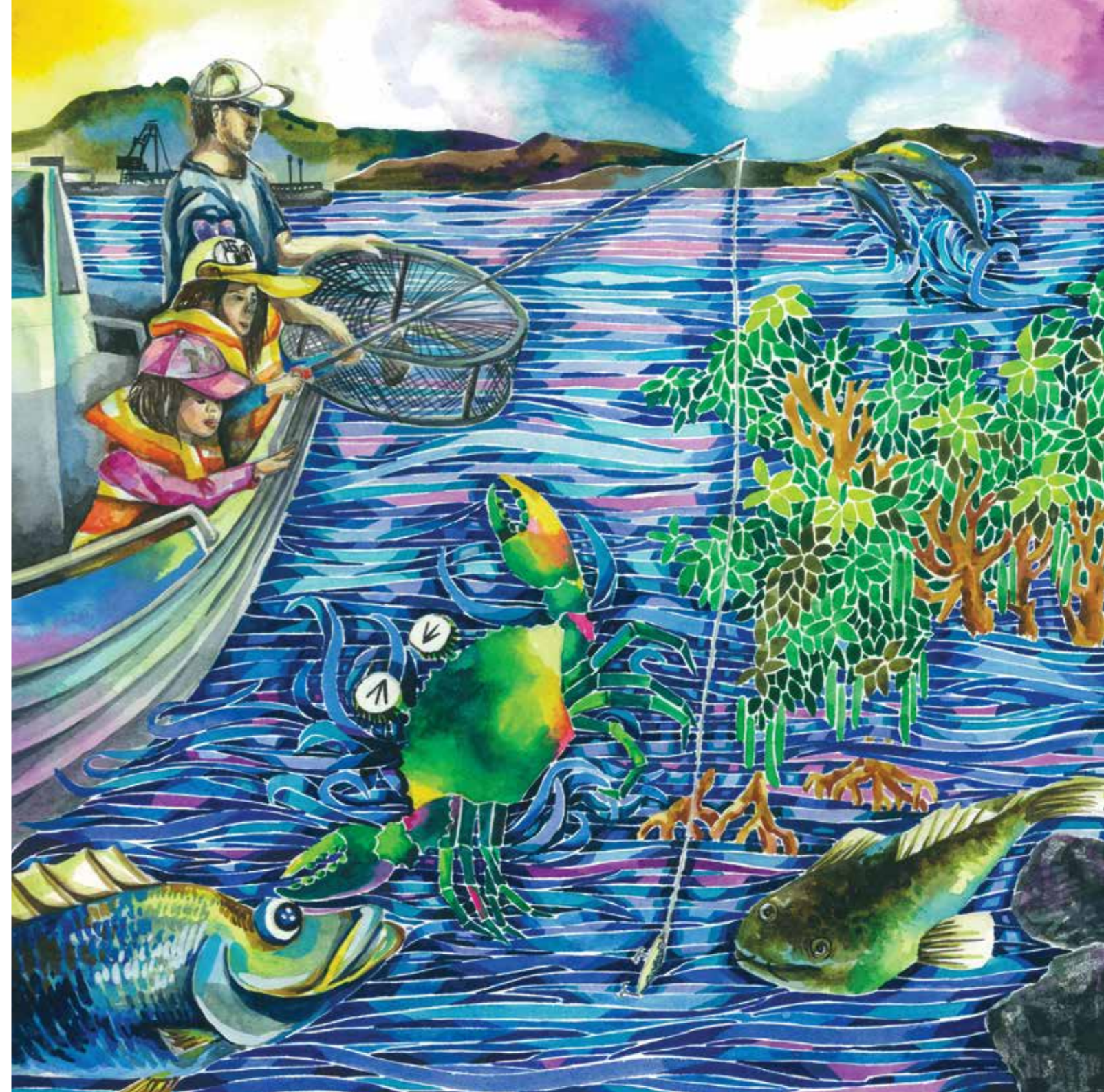


A male mud crab is called a Buck,
You can keep him for your tea.
A Jenny is a female crab,
She is protected, set her free.

On the tummy of the Buck,
A 'V' shape can be found.
You can tell if it's a Jenny Crab
She has a shape that is round.



If everybody works together,
A clean harbour we create.
This is called stewardship,
And it makes our home GREAT.





Barney Point is a heritage site,
Treat it with respect.
It is important that we value our place,
It's our environment to protect.

Working with traditional owners,
The site undergoes inspection.
It is categorised and classified,
And is registered for protection.

We share the area with the people,
And animals from land and sea.
Offering a sense of belonging,
Full of cultural history.



That is the end of the expedition
 With Barry Mundy and Jenny Claw.
 A trip around Gladstone Harbour,
 A magical place to explore.

The harbour is so much more
 Than the industry it surrounds.
 It is full of beautiful marine life,
 Beaches and parks can be found.



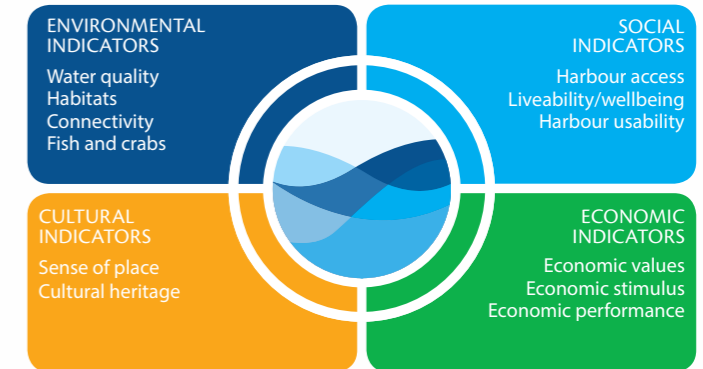
Protect this special place of ours
 And it will continue to bring joy
 To all the animals and families now
 And future generations to enjoy.



Gladstone Healthy Harbour Partnership's (GHHP) role is to scientifically monitor and report on the health of Gladstone Harbour. This book represents the environmental testing that takes place over 13 zones in the harbour, as part of the overall reporting of harbour health under four key components, including: environmental health, social health, cultural health and economic health.

While the book tells the story of Barry and Jenny undertaking the testing, the real story is that GHHP has an Independent Science Panel overseeing, analysing and reporting on the testing and monitoring, which is carried out by a number of highly qualified contracted personnel.

We hope you have enjoyed Barry and Jenny's Expedition and learnt a little more about how the harbour is being tested. For more information on the real testing and report card on the health of Gladstone Harbour go to www.ghhp.org.au.



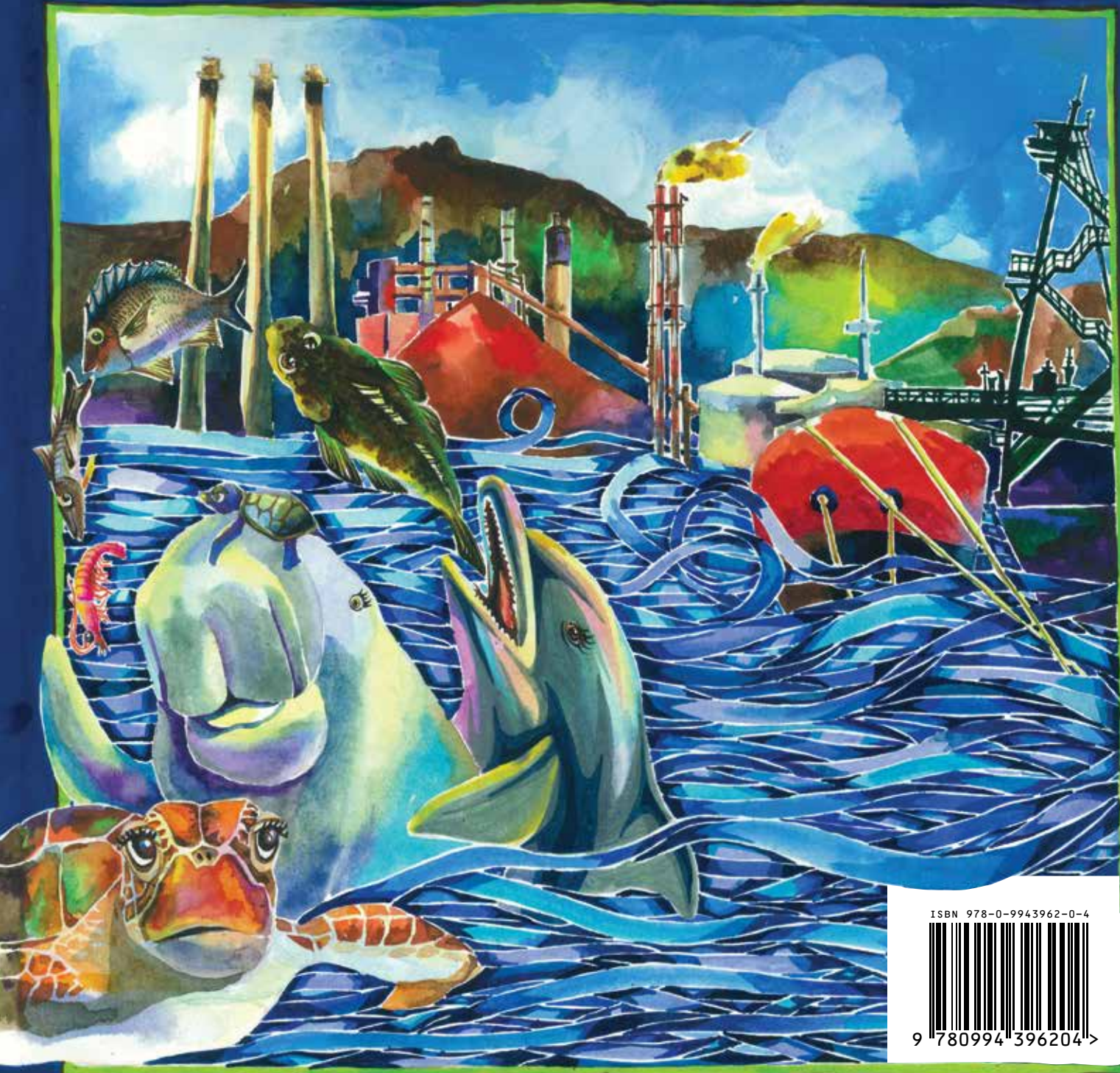
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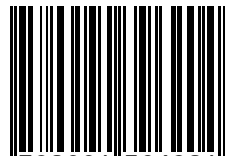
Acknowledgement of Country

The Gladstone Healthy Harbour Partnership acknowledges the traditional owners of the land and sea in the Port Curtis Coral Coast region, the Gurang, Gooreng Gooreng, Taribelang Bunda and Bailai people, and pays respect to the ancestors, the Elders both past and present, and to the people.





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