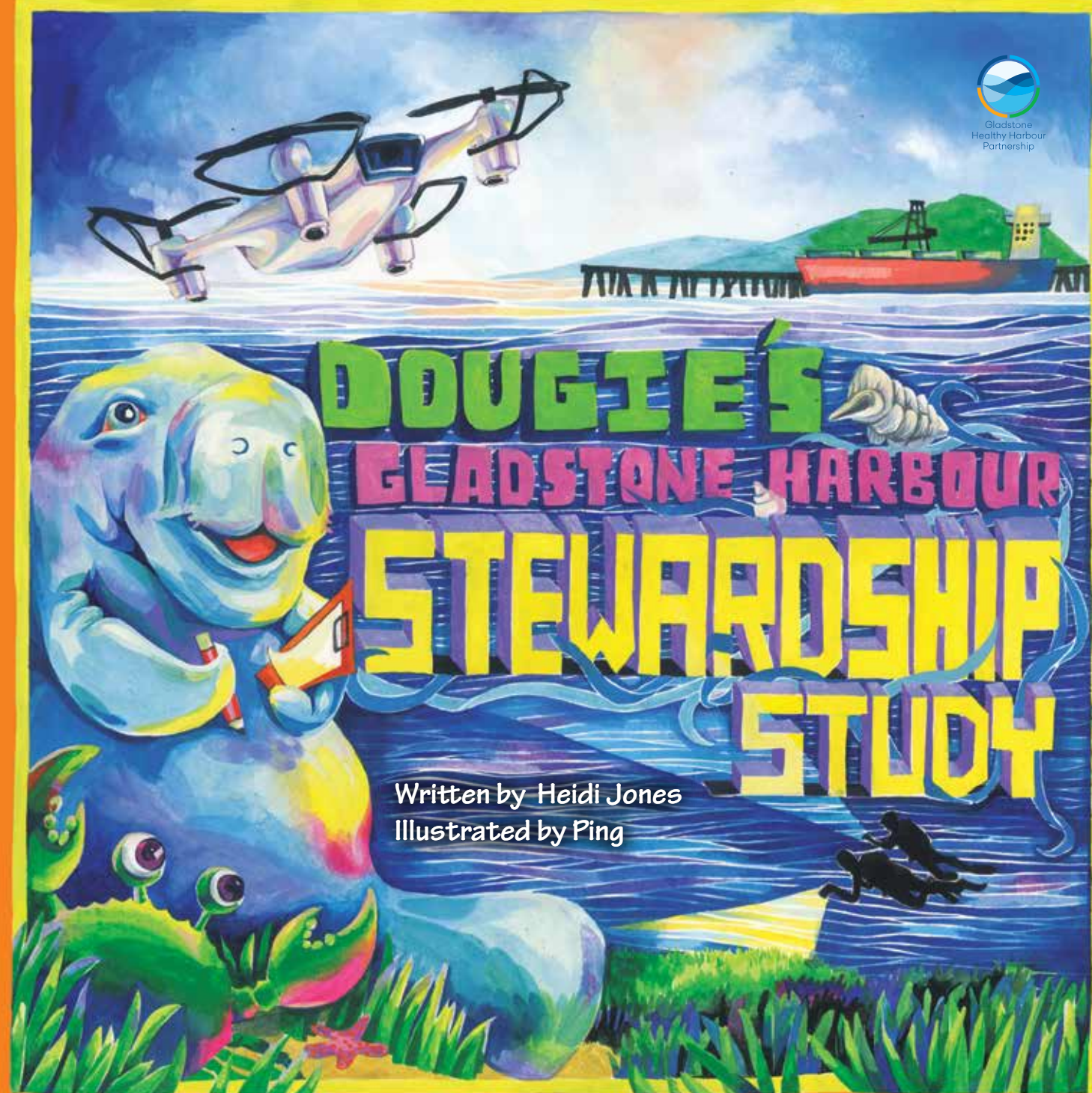




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Gladstone
Healthy Harbour
Partnership

DOUGIE'S GLADSTONE HARBOUR STEWARDSHIP STUDY

Written by Heidi Jones
Illustrated by Ping

A STORY ABOUT STEWARDSHIP



Written by Heidi Jones | Illustrated by Ping

Stewardship Statement

GHHP defines stewardship as 'responsible planning and management actions'.

GHHP Partners have provided actual information for this story around their environmental management efforts to maintain or improve the health of Gladstone Harbour.

A number of Partners are involved in more than one strategy highlighted in 'Dougie's Gladstone Harbour Stewardship Study' story.

Thank you to the following partners for contributing to this story.



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For information on the Gladstone Stewardship Assessment Report refer to www.ghhp.org.au



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It's another beautiful day in the harbour,
Where Dougie Dugong chooses to live.
He invited all his friends to visit,
To share how magical it is.

"This is my home," Dougie says with pride,
As his friends gather around to see.

"This is my home. I am safe here.
I am happy, healthy and free."

"I want to teach you about stewardship.
It's the use, monitoring and protection,
Of waterways, resources and catchments,
And needs our full attention."





Dougie's friends from the land and sea,
Are excited to explore.
Animals from the sky join in,
The harbour is home to all.

Dougie's first stop is Gladstone Ports Corporation,
Known locally as GPC.
Balancing operations and environmental impact,
For the benefit of the Gladstone community.

Supporting the trade of resource industries,
Like coal, alumina and LNG,
Making sure the harbour runs smoothly,
As the ships head out to sea.



Dougie's friends look around,
They can't wait to see what's next.
"Follow me!" yells Dougie Dugong,
"I'll show you an old shipwreck."

Shipwrecks are artificial reefs,
Resting on the ocean floor.
Lots of artefacts can be found,
And are interesting to explore.

Humans need to protect these areas,
Just like the reef that nature grows.
Remove any rubbish and fishing line,
And be careful where your anchor goes.

Barry and Jenny join the group,
To report where they have been.
Learning what happens after it rains,
And how to keep it clean.

Stormwater drains carry rainwater,
Collected from roofs, footpaths and streets.
The water flows through a system of pipes,
To the ocean, through rivers and creeks.

On the journey to the pipes,
The water carries stuff left on the ground.
To be sure we don't pollute our waterways,
Pick up all the rubbish around.



Swimming through a seagrass patch,
Dougie spots a human fellow.
Seagrass is a clonal plant,
From one seed, grows a meadow.

People at CQUniversity,
Are giving the seagrass a hand,
Where it grows, how much light it needs,
And if the seeds like soil or sand.

Dougie needs the seagrass to be healthy,
It's his favourite lunch dish.
But it also helps stop erosion,
And is a natural nursery for fish.





Jenny Claw found something new.
She can't wait to share it with all.
It's a new way to monitor the reef,
And keep an eye on the ocean floor.

Rio Tinto and the Great Barrier Reef Foundation,
Have fitted a lab onto bauxite ships,
Taking water samples from the reef,
On the Gladstone to Weipa trip.

Every two minutes it gathers data,
For the scientists at CSIRO,
Looking at temperatures and salinity,
Ph levels and oxygen below.

Another way the harbour is monitored,
Is by drones, flown in the sky,
Accessing hard to get to places,
Like the view from a bird's eye.

Riding in on a Wave Glider,
Steven Seagull is having fun.
Developed by Boeing, the people who make planes,
It's powered by waves and the sun.

It travels along the ocean surface,
Measuring weather, wave height and sway,
Ph levels, chlorophyll and more.
The technology changes every day.



Flying back over Gladstone,
Are Pippi Pelican and the bird patrol.
Barry Mundy wants to see,
A berthed ship loading coal.

Wiggins Island Coal Export Terminal (WICET),
Where ships leave and travel afar,
Transporting coal around the world,
Where it can't travel by coal car.

Protecting the environment in many ways,
As our habitats are near.
Using covered conveyors to limit dust,
They keep our harbour clear.





Barry Mundy rushes off,
He is late for the Turtle Rodeo.
That's where scientists check their health,
And watch the turtles grow.

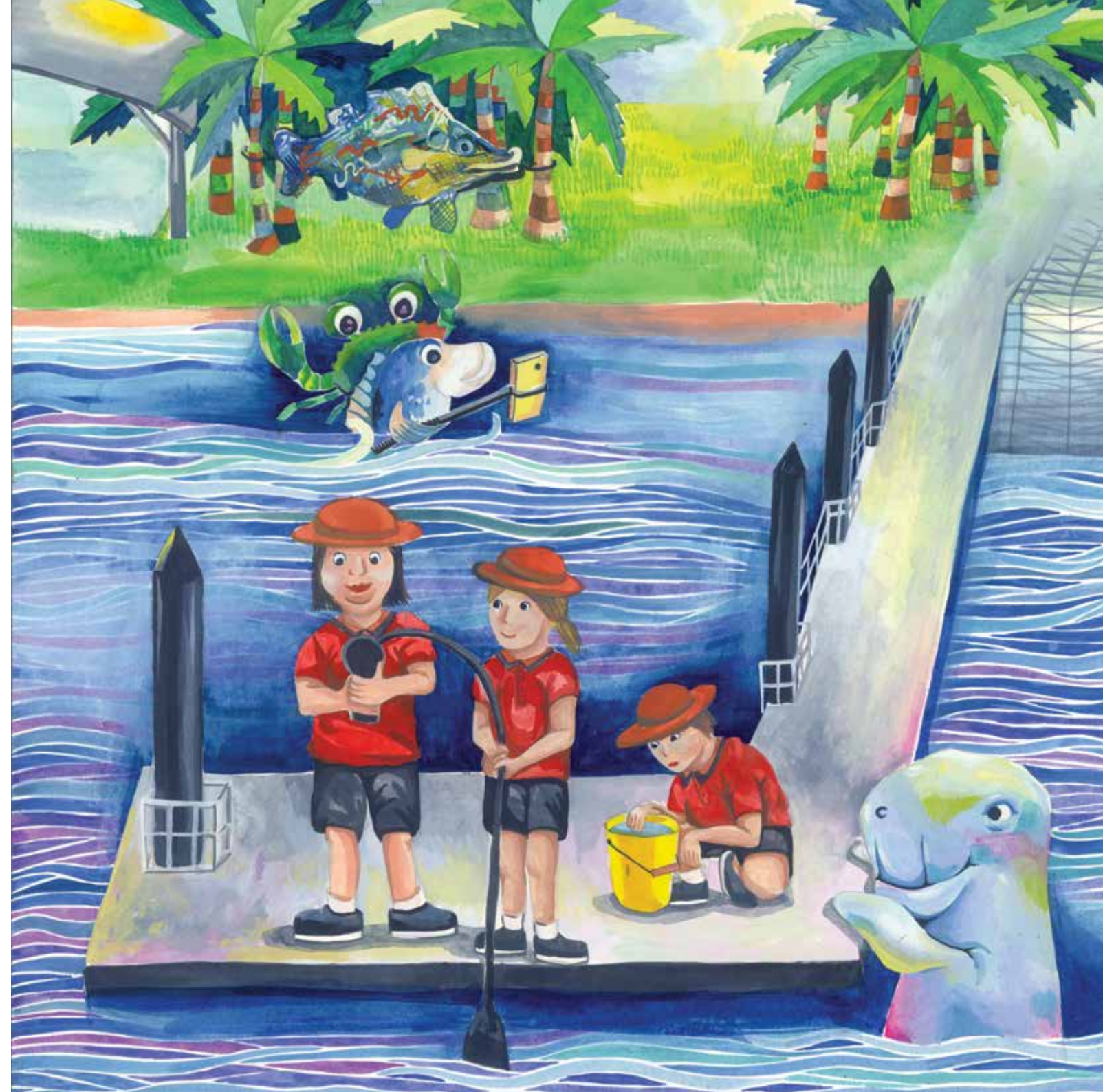
The turtles are weighed, measured and tagged,
Examined – are they a he or a she?
They undergo a health assessment,
Then are carefully set free.

Lots of turtles visit the area,
Coming and going throughout the year.
Loggerhead, green and flatback turtles,
Like to make their nests around here.

After a long day of exploring,
Dougie and his friends need a rest.
Relaxing in the Boyne River,
They spot children doing a water test.

The children explain they are Citizen Scientists.
Local people have a part to play.
Keeping the area clean and safe,
So the animals choose to stay.

Barry spots a statue of himself,
Made from washed up marine debris.
The interesting things people create,
From the rubbish washed up from the sea.





There is one more place to visit,
Dougie Dugong almost forgot.
A place where freshwater animals live,
And Pippi Pelican's picnic spot.

Lake Awoonga is not a small place.
It is bigger than you think.
It's home to some of Barry's family,
And the water that towns people drink.

When rain falls, the dam fills up.
Over the wall, the water flows.
Fish get swept down the river,
To Gladstone Harbour, the water goes.

“Thank you friends for joining me,”
 Dougie says, as he waves goodbye.
 Waving back, the friends swim off,
 Crawl away or take to the sky.



Dougie is grateful to everyone,
 For all the work they do,
 To make sure his home is healthy,
 And his friends are happy too.

So next time you are out and about,
 Or taking a fishing trip,
 Pick up some rubbish, respect our harbour,
 And show great STEWARDSHIP.



Acknowledgement of Partners



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.

