

# The making of Spirit of Tasmania Quay



Spirit of Tasmania Quay will deliver over **100** local jobs once it is operational



More than **440,000** hours were completed by local workers on the new precinct



**65%** of the total project spend went to Victorian businesses



More than **20.3K** people were engaged on the project



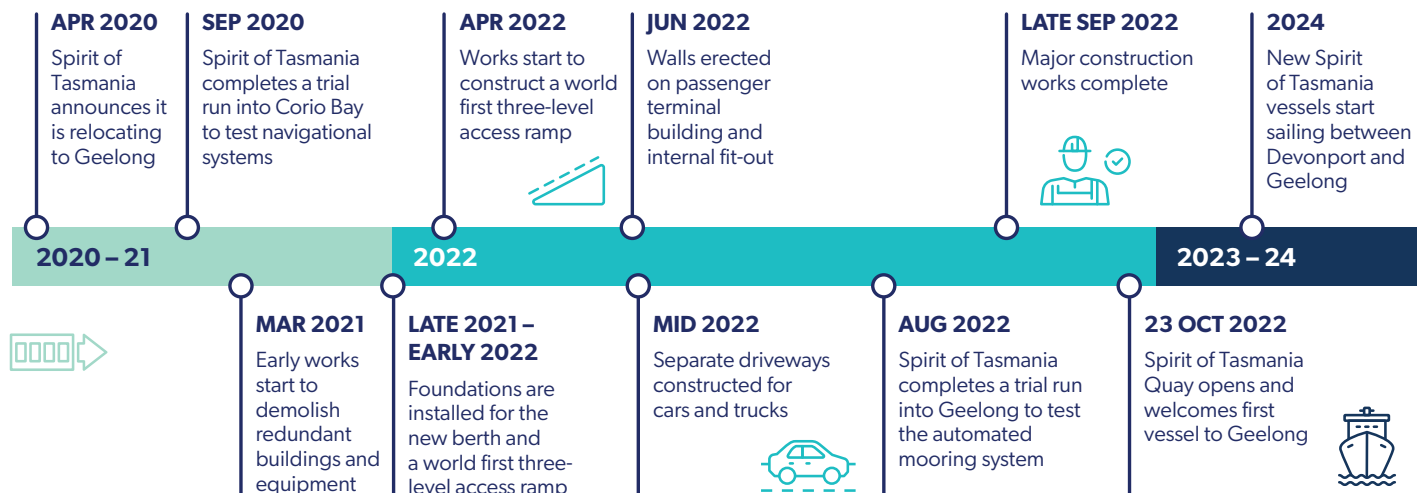
Engagement included information sessions, webinars, presentations, online updates and activations (such as Surf Coast Trek)



Spirit of Tasmania Quay's three-level access ramp is a **world first**

# The project timeline

## Building Spirit of Tasmania Quay



Early construction works

## A complex construction endeavour

Construction of Spirit of Tasmania Quay involved three complex construction packages: marine works, civil construction, and construction of the passenger terminal building.

Each package was procured under a different project delivery method:

- Marine package – Design and Construct (D&C)
- Civil package – Target Outturn Cost (TOC)
- Terminal package: Fixed Lump Sum

At the peak of construction, there were 400 workers onsite.

The project took on new engineering innovations, building a world first three-level access ramp for more efficient boarding and an Automated Mooring System (AMS) that allows vessels to be moored and released with the push of a button.

With early works beginning in March 2021, the project team had to contend with the emergence of COVID-19. They worked hard to ensure progress could continue under appropriate health and safety measures.



One of the six Cavotec Units that were installed as part of the Automated Mooring System



Civil construction works

## Marine works

Fitzgerald Constructions Australia delivered the marine works necessary to expand the wharf, berthing and loading facilities for the terminal.

### Automated mooring

The Automated Mooring System (AMS) installed for the project includes six Cavotec Moormaster units.

The automated system improves safety and operational efficiency by reducing the turnaround times and reducing the risk of mooring incidents as there are no snap-back zones.

The landside and ship antenna will talk to each other from 5km out, prompting the units to mobilise.

### Three-level access ramp

The marine package involved drilling 217 steel piles into the ground and seabed to support the three-level access ramp and mooring infrastructure.

The three-level access ramp is the first of its kind in the world and will allow cars, caravans and heavy vehicles to board and disembark the ship simultaneously.

Both the steel gantry and three-level access ramp were designed to accommodate the new Spirit of Tasmania ships, coming in 2024.

## Civil construction

BMD Constructions delivered the landside civil construction within the 12-hectare terminal precinct.

This construction package included installing five kilometres of electrical cables, six kilometres of sewer, water and drainage pipes and 30,000 tonnes of asphalt for the internal road network, marshalling area and carparks – this is equivalent to filling 3.6 MCGs.

Accessibility has been considered in the design of the precinct with a drop-off area located close to the terminal entrance and the boardwalk designed to be fully accessible.

The new terminal precinct features dedicated access driveways for freight and passengers and ample parking for staff, passengers, and freight customers.

## Passenger terminal building

The passenger terminal building was constructed by Kane Constructions.

The building is 2,131m<sup>2</sup> in size and includes facilities for passengers, crew amenities and staff offices.

GeelongPort worked with Wadawurrung and a local indigenous artist to create artwork for the building.

Some other features include:

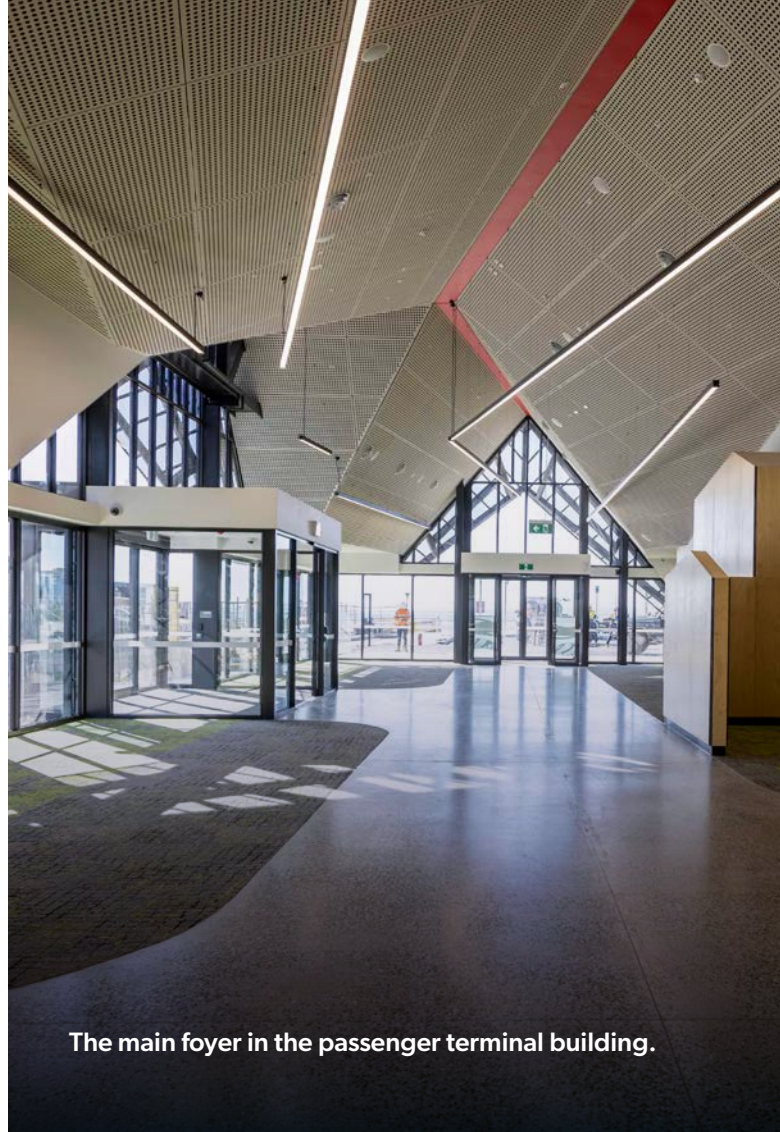
- The building is equipped with amenities to support passenger comfort, including a café, a children's play area and pet exercise zone.
- There are 19 Spirit of Tasmania staff offices, three meeting rooms, a boardroom, open plan desks and an attached indoor garden, bike parking and lunch area for staff.
- Spirit of Tasmania crew have access to 28 crew rooms, with a bed, TV and ensuite in each. There is also a dedicated kitchen and lounge area for crew to use.

## Engaging the community

During the planning and construction of Spirit of Tasmania Quay, GeelongPort worked closely with the North Geelong community, and other key stakeholders such as Wadawurrung, Department of Transport, City of Greater Geelong, and Tourism Greater Geelong and The Bellarine.

GeelongPort also met regularly with the North Shore Residents Group which represented the North Geelong community on the project. This group met monthly and provided community input on project activities.

Other engagement activities undertaken for the project included drop-in information sessions in North Geelong, webinars, meetings and presentations, and activations at Surf Coast Trek and Geelong Football Club home games and an online engagement hub.



The main foyer in the passenger terminal building.



Pop-up information session at Corio Village in May 2022

## Delivering benefits to Greater Geelong, Victoria, and Spirit of Tasmania passengers

This project has enabled GeelongPort to provide a world-class gateway to some of Victoria's best destinations. It has unlocked access to Geelong and beyond, including the Great Ocean Road, Bellarine Peninsula, coastal towns, Melbourne, and the Mornington Peninsula.

The project will increase tourism expenditure by \$57.3M in Geelong, and \$174.1M in Victoria by 2029-30.

It has also created new opportunities for hospitality, agribusiness, freight, and logistics industries in Victoria.

The precinct has four ticketing booths and a passenger marshalling area that accommodates up to 600 passenger vehicles, supporting a faster boarding system for passengers.

The new terminal offers separate marshalling areas for passengers and freight, meaning boarding is also safer and more efficient.

The use of innovative maritime technology has increased efficiencies for Spirit of Tasmania's freight customers and broader supply chain by reducing loading and discharge times.

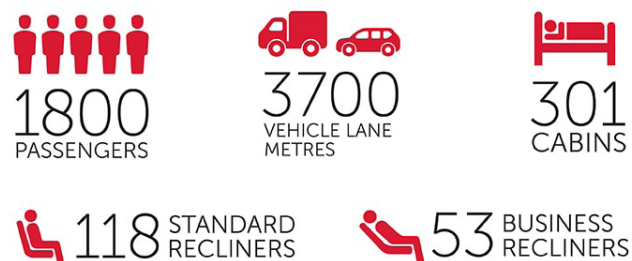
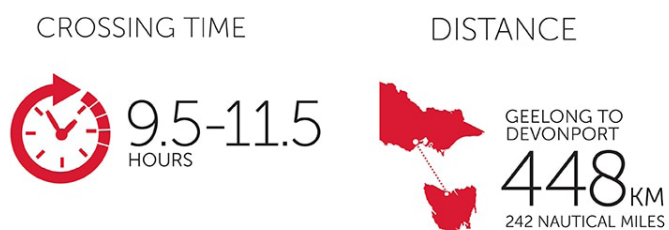
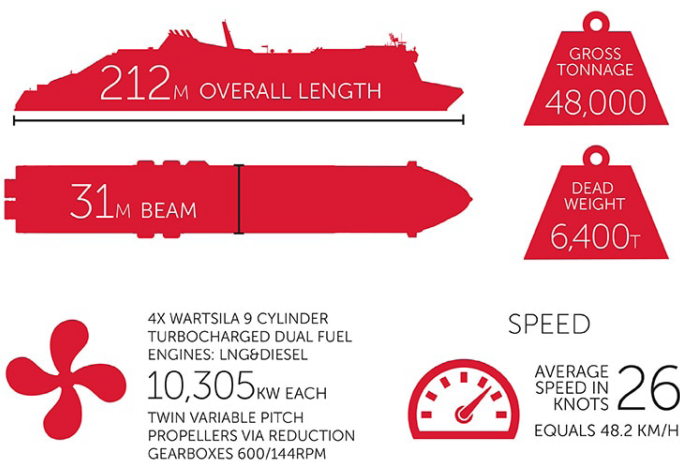


# New Spirit of Tasmania ships arriving in 2024

Spirit of Tasmania Quay has been designed to accommodate the new Spirit of Tasmania ships, with Spirit of Tasmania IV arriving in the first quarter of 2024 and Spirit of Tasmania V in the last quarter of 2024.

The new ships will measure 212m in length and have space for up to 1,800 passengers. By comparison, the current ships are 194.3m in length and carry 1,400 passengers each.

The new ships are currently under construction in Finland, by Rauma Marine Constructions (RMC).



## MORE INFORMATION

If you would like to find out more about this project, you can:

- Connect with us at [engage.geelongport.com.au](https://engage.geelongport.com.au)
- Visit [geelongport.com.au](https://geelongport.com.au)
- Email [enquiries@geelongport.com.au](mailto:enquiries@geelongport.com.au)
- Call 1800 979 717

GeelongPort