

We're powering up and testing for your safety



Powering Up



Tram Movements



Passenger Services

Click here for more information

The regular newsletter is our way of keeping you informed about what's happening with the Gold Coast light rail project.

Testing for your safety is underway

We are now in the testing and commissioning phase.

The Gold Coast light rail system is now undergoing a rigorous testing and commissioning program to ensure the system is safe and operating properly prior to passenger services commencing.

During this phase everything will be tested from the electrical power supply, traffic light signalling and ticketing machines to the tram door buttons, information screens at stations and on board the trams.

Testing begins with the powering up of the overhead wires and traction power substations. Once powered, overhead wires are dangerous and should be treated with extreme caution. Look up and see the danger!

The next phase will include the testing of traffic signals and the initial running of the trams. Trams will begin travelling slowly to ensure all signals are working. This will help motorists and pedestrians get used to seeing trams running along the light rail corridor.

The trams will later be tested at operating speed and under the control of the system's tram drivers and once all testing is complete the system will be certified as safe for passenger services.

Remember, safety is a shared responsibility. When you are around the Gold Coast light rail always:

- Look up and see the danger, wires are electrified.

- Obey all signs, signals and road rules.
- Tracks are for trams.
- Always use designated pedestrian crossings.
- Stay alert and take the time.

For further safety information or to request a safety briefing please visit www.goldlinq.com.au/testing.



Tailor making our nerve centre



Protecting history



Supporting next generation engineers

Building the brains

While construction of the light rail system is visible across the Gold Coast there is also a great deal of work occurring behind closed doors.

A team from Bombardier Transportation is working quietly at the Gold Coast light rail's headquarters in Southport to develop the software and systems required to operate the trams from the control centre at [the Depot](#).

The team is writing and testing the complex computer code that will drive the light rail's operating system, control its equipment and monitor tram movements.

The state-of-the-art systems and software are being specially designed and purpose built for the Gold Coast light rail. These systems enable equipment across the corridor, such as fans, escalators and lifts, to be remotely controlled. They also control the power supply, allowing an operator to isolate sections of the overhead line and turn the power off or on.

The operators can use the system to track the tram positions along the

Southport Seawall

As part of the Gold Coast light rail's commitment to protecting the cultural heritage of the Gold Coast, the Environment team from Design and Construction Joint Venture Partner, McConnell Dowell (MacDow), is keeping a close eye on the original [Southport Seawall](#) during the construction of the Nerang River pedestrian bridge.

The Southport Seawall is more than 115 years old, with construction of the first section commencing in 1896. The seawall is listed on the local [cultural heritage](#) register for its historical importance as an early attempt at protecting Southport from beach erosion. It is also an archetypal example of seawall construction from the late 19th Century.

With piling for the Light Rail Vehicle Bridge complete, construction of the pedestrian bridge is now underway on the western side of the existing Gold Coast (Sundale) Bridge. The new pedestrian bridge is in close proximity to the southern section of the seawall.

Protecting Southport's sea wall is one of the many ways that the Gold Coast light rail project is preserving the

Building bridges to tertiary education

The [2013 Gold Coast Science and Engineering Challenge](#) has again hit fever pitch with GoldLinQ sponsoring the Bridge Activity as part of the light rail's Schools and Education program, Love Learning.

The challenge, held at the Queensland Academy for Health Sciences, saw more than 600 students participate in the two day event which was open to teams of year 9 and 10 high school students.

Gold Coast light rail Project Director Simon Bradbury said: "The project is proud to sponsor the Gold Coast Science and Engineering competition and see the talent coming through our city's schools.

Events like this are a great way to support the next generation of scientists and engineers providing them with hands-on experience before they leave school," Mr Bradbury said.

The winners of the challenge, Pacific Pines State High School and Emmanuel College, are both now

corridor and gather information about whether the trams are on time. This information is used to inform the dynamic timetable which is used to update live public displays at stations, allowing passengers to see estimated arrival times of the next tram.

The software will also help control the 220 CCTV cameras positioned along the corridor that are an important security feature of the system. The operator at the control centre can view CCTV footage from multiple locations on numerous screens.

The team has commenced the first phase of testing the systems and will continue throughout the year, entering a more intensive period when trams begin testing on the track in coming months.

history of the Gold Coast for future generations.

eligible to enter the Queensland State Challenge.

Educating the nation

Being a part of a city-changing project can be a life changing experience.

Donning personal protection equipment (PPE), three young Gold Coasters have joined the project team as part of GoldLinQ's innovative Love Learning curriculum program.

In an Australian first, the Gold Coast light rail will soon be showcased in classrooms across Australia as students and light rail experts fill a gap in resources for the Australian Schools Science Curriculum.

[Click here](#) to find out about one of GoldLinQ's newest team members and stay tuned as the Gold Coast light rail science tram comes to a classroom near you.



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Level 2, 7 Bay Street, Southport, QLD 4215, Australia.

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