

Rail Operations Integration Specialist

POSITION DETAILS

Department / Team: Lead Integrator	Reports to (title): Rail Operations Design Manager
# Direct Reports: 0	# Indirect Reports: 0
Location: Brisbane	Salary Banding: TBA

THE CROSS RIVER RAIL PROJECT

The Cross River Rail Delivery Authority is building a new 10.2km rail line that includes 5.9km of twin tunnels running under the Brisbane River and CBD; with four new underground stations at Boggo Road, Woolloongabba, Albert Street and Roma Street.

Once complete, it will provide trains with a much-needed alternative rail path through the core of the current SEQ Rail network, unlocking a bottleneck and allowing more trains to run more often across the whole of South East Queensland.

The Cross River Rail Delivery Authority is also delivering multiple supporting projects and activities in conjunction with Department of Transport and Main Road. These include accessibility rebuilds for eight surface stations, construction of three new stations on the Gold Coast; upgrades for stabling yards; track works and surface rail enhancements; and the introduction of a new ETCS digital signalling system.

Further Information: www.crossriversrail.qld.gov.au

LEAD INTEGRATOR

The Lead Integrator is responsible for making sure the Cross River Rail (CRR) System is successfully integrated into Queensland Rail's SEQ Network, with the goal of being ready for Day 1 Train Services. Success means delivering a railway that meets all applicable Sponsor Requirements and is ready for Revenue Service.

The Lead Integrator team are focused on coordinating and aligning integration activities across multiple delivery partners and workstreams. Initially, the focus is on the Integration and Acceptance Life Cycle Stages, helping to bring together infrastructure, systems, and processes into a single operational network. The scope is designed to be flexible, allowing the approach to evolve as the program progresses and new priorities emerge.

OUR VALUES AND BEHAVIOURS



WE COLLABORATE

- We treat each other with respect and speak up when this doesn't happen.
- We share information to help everyone be successful.
- We have honest conversations, no agendas or surprise.
- We are curious, asking questions to understand.
- We work through issues together and help each other.



WE INNOVATE

- We are inclusive, listening to and encouraging differing views.
- We challenge and push the boundaries.
- We apply and share our knowledge to do better.
- We seize our opportunity to set new standards and benchmarks.



WE DELIVER

- We act safely at all times.
- We do what we say we will do and when we will do it.
- We understand our individual role and how it fits into the project's success.
- We take responsibility for our work and speak up when we need help.
- We are committed to continuous development and take every opportunity to review, learn and improve the way in which we are delivering the project, learn improve.

ROLE OVERVIEW

The Rail Operations Integration Specialist supports the operational integration, readiness, validation and assurance of Cross River Rail within the broader transport network. Drawing on extensive, real world rail operations experience, the role brings together operational and technical expertise from Lead Integrator project teams, Queensland Rail, the Department of Transport and Main Roads, to ensure operational requirements are practical, integrated and fit for purpose.

The role translates complex rail operations information into clear plans, procedures, testing artefacts and decision-support material helping ensure infrastructure, systems, operating scenarios and procedures are aligned and ready to support safe and effective railway operations and opening.

KEY RESPONSIBILITIES

Operational Integration and Readiness

- Coordinate operational activities supporting the integration of Cross River Rail with the current and future Queensland Rail network.
- Coordinate multi-agency inputs so operational priorities, program milestones, contract requirements and stakeholder needs are aligned.
- Contribute to the development and refinement of opening plans, operational strategies, and readiness documentation.
- Provide expert rail operations advice to management, project teams, agency partners, contractors, and senior decision-makers to support informed decision making and operational readiness.

- Identify and assess operational risks, issues and opportunities, and support the development and implementation of mitigation and resolution strategies.

Operational Scenario, Requirements and Documentation

- Manage outstanding Safety Related Application Conditions (SRACs) and Operational and Maintenance Requirements (OMRs).
- Coordinate alignment between Unity and Sequence operational scenarios and manage Unity operational scenarios from operable through to endorsement and service testing.
- Translate SRACs, OMRs and operational scenarios into applicable Safety and Environment Management System (SEMS) procedures and other operational documentation.
- Provide expert rail operations reviews of SEMS procedures and Operations and Maintenance manuals, cross-referencing content against approved operational scenarios.
- Complete and maintain the Minimum Operating Standards and support assurance activities to confirm that operational requirements are traceable and embedded in project decisions, procedures and assurance artefacts consistent with the systems engineering approach.

Procedure validation and service testing

- Manage the Service Testing and Service Demonstration Procedure Validation database, including development, configuration control, status management and issue tracking.
- Lead the development of Procedure Validation scripts and assess the duration, sequencing and resources required to undertake them from a whole-of-program perspective.
- Plan and oversee Procedure Validation scripts during on-site testing, including management of outcomes, re-tests and progression of identified issues to resolution.
- Interface with the Customer and Network Integration team to align Procedure Validation activities with customer readiness requirements.
- Participate in or lead site-based testing, operational readiness and service validation activities as required.

Stakeholder engagement and governance

- Provide specialised operational advice to Queensland Rail end-user engagement activities during formal consultation.
- Facilitate technical working groups and stakeholder forums, including agendas, meeting packs, presentations, minutes, action registers and decision registers.
- Coordinate contracted technical specialist inputs and support management of technical advisor deliverables and performance on behalf of the Contract Owner.
- Prepare concise, professional briefing notes, reports, program updates, presentations and communications for executive and governance forums.

Issue management and continuous improvement

- Manage the closure of outstanding and emerging Operations and Maintenance and operationalisation issues recorded in Jira and the Technical Debt Register.
- Maintain operational risks, issues, actions and decisions, ensuring clear ownership, traceability, appropriate governance and timely follow-up.
- Lead and support continuous improvement initiatives that strengthen operational decision making, delivery efficiency and effectiveness.
- Work in accordance with organisational policies, procedures and safety requirements and demonstrate the organisation's values and behaviours.

KEY COMPETENCIES

- Extensive knowledge of rail operations and operating principles within a high-capacity metropolitan passenger railway environment, including operational planning and relevant rail legislation and regulatory requirements.
- Strong knowledge of the operational interfaces between signalling, train control systems, traction power, rollingstock and rail infrastructure, including critical systems such as ETCS, Platform Screen Doors, Automatic Train Operation and tunnel ventilation.
- Demonstrated experience applying rail operations expertise to support operational integration, readiness, testing and commissioning, procedure validation and the introduction of new or modified railway systems into service.
- Demonstrated ability to review operational scenarios, procedures, Operations and Maintenance manuals, operational requirements and testing documentation applying systems engineering principles to support requirements traceability, validation and assurance.
- Demonstrated ability to translate complex technical material into clear, high-quality briefings, reports, procedures and presentations for diverse audiences.
- Strong stakeholder engagement and facilitation skills, with the ability to build trust and credibility, influence outcomes and collaborate across organisational and technical interfaces.
- Proven project coordination or project management capability, including planning, deliverable tracking, configuration control, risk and issue management, governance support and the ability to manage competing priorities in a complex environment.
- Strong understanding of rail safety principles and demonstrated commitment to maintaining safe rail operations, including their application to operational readiness, testing, assurance and operational decision making.
- Relevant rail qualifications, including a minimum Certificate IV in Rail Safety Management.