

Type of project: Corridor

System: System Wide

Expenditure Claim (excluding IDC): \$242,552

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	This project has been previously assessed as being Prudent with respect to scope	1
Standard	This project has been previously assessed as being prudent with respect to standard	1
Cost	This project is believed to be prudent with respect to cost. From the information provided it appears that the coal loss management strategy is now in place and ongoing costs are with regards to management and minor system upgrades.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

SAP ZPS report

Transitional Environment Program Certificate of Approval number CA20859

QCA Submission - 2012

QR Coal Dust Management Plan 2010

Letter Accepting Environmental Evaluation, May 2008

Decision to grant approval for a Draft Transitional Environmental Program, September 2008

Transitional Environmental Program 2, April 2010

Background

The project involves the development of a management strategy and implement solutions in response to the 2008 EPA environmental Evaluation of coal loss in the CQCN.

Stage	Date	Project Cost or Estimate	Comments
Approved Budget		\$4,462,000	
Actual Costs to Date		\$3,917,435	ZPS Report Actuals to 30 June 2015 spreadsheet
Previously approved QCA claim		\$3,674,883	
RAB Submission 2014-15		\$242,552	Indicative 2014/15 (Non-Major Projects) Claim List
RAB Submission IDC		\$807	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon		\$243,559	IDC Calcs for FY15 (Non-Major Projects)

Type of project: Corridor

System: Goonyella

Expenditure Claim (excluding IDC): \$144,119

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The Project scope has been developed via a safety risk assessment and is believed to be Prudent	1
Standard	From the information provided the standard of the construction of the project scope is believed to be prudent	1
Cost	From the information provided the cost of delivering the project scope is believed to be Prudent.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

SAP Report

Capital Funding Request (July 2014)

Access Road Safety Risk Assessment Report (Feb 2015)

Works Completion Photographs

Background

The project involves the construction of a new road to improve the sighting distance to the entry and exit to the Hatfield access road to comply with Austroads Guidelines.

Stage	Date	Project Cost or Estimate	Comments
Approved Budget		\$430,000	
Capital Funding Request		\$430,000	
Project change request		\$180,000	
Actual Costs to Date		\$380,927	ZPS Report Actuals to 30 June 2105 spreadsheet
Previously approved QCA claim		\$236,808	
RAB Submission 2014-15		\$144,119	Indicative 2014/15 (non-Major Projects) Claim List
RAB Submission IDC		\$2,719	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon		\$146,838	IDC Calcs for FY15 (Non-Major Projects)

Type of project: Corridor

System: System Wide

Expenditure Claim (excluding IDC): \$4,612,028

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<b>Overall Assessment Comments and Recommendations</b>		
Criteria	Comment/Recommendation	Risk*
Scope	The project scope has been assessed as prudent in FY13/14. A project change request was issued in May 2015. The scope of this change request is believed to be prudent.	1
Standard	From the information provided the project is prudent in terms of standard.	1
Cost	From the information provided the project is prudent in terms of cost.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

Level Crossing Upgrades 13-14 FY - 1	Capital Funding Request
Level Crossing Upgrades 13-14 FY - 2	Memo – Transfer of funds (Mar 2014)
Level Crossing Upgrades 13-14 FY - 3	Project Change Request (May 2015)
Level Crossing Upgrades 13-14 FY - 4	

### Background

This is one of four projects related to works at level crossings across the network. Aurizon Network has undertaken a program of identifying and assessing the risks associated with the rail and private road crossings throughout its network in accordance with the Transport Rail Safety Act (2010) and proposed Interface Agreements between Aurizon and road managers/owners. This program is a result of this assessment. It is anticipated that upgrades will provide an enhanced level of safety to users and thereby reduce the risks of operational disruptions arising from incidents at level crossings.

Stage	Date	Project Cost or Estimate	Comments
Approved Budget		\$9,057,298	
Capital Funding Request		\$8,424,000	
Transfer of Funds memorandum		\$633,298	
Project change request		\$1,185,000	
Actual Costs to Date		\$8,754,090	ZPS Report Actuals to 30 June 2015 spreadsheet
Previously approved QCA claim		\$4,310,705	
RAB Submission 2014-15		\$4,612,028	Indicative 2014/15 (Non-Major Projects) Claim List
RAB Submission IDC		\$61,703	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon		\$4,673,731	IDC Calcs for FY15 (Non-Major Projects)

Type of project: Corridor

System: System Wide

Expenditure Claim (excluding IDC): \$4,612,028



Type of project: Electrical System: Goonyella, Blackwater Expenditure Claim (excluding IDC): \$645,198

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The project includes a condition assessment for existing assets and a priority based refurbishment regime. Although a minor funding request or feasibility study has not been provided the scope is believed to be prudent	1
Standard	The standard of the construction of the project scope is believed to be prudent	1
Cost	A review was undertaken to assess, potential more cost effective, options for transformer refurbishment. The alternative onsite refurbishment has resulted in cost efficiencies, as such the cost of the project is believed to be prudent.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

SAP Worksheet

Project Completion Report (2015)

### Background

The project involves the refurbishment of 25no 132kV Power transformers to ensure the reliable supply of 25kv to the electric traction system in the Goonyella and Blackwater systems.

Stage	Date	Project Cost or Estimate	Comments
Approved Budget		\$12,107,000	
Completion Report	2015	\$645,198	
Actual Costs to Date		\$8,552,173,	ZPS Report Actuals to 30 June 2015 spreadsheet
Previously approved QCA claim		\$7,891,702	
RAB Submission 2013-14		\$645,198	Indicative 2014/15 (Non-Major Projects) Claim List
RAB Submission IDC		-\$16,608	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon		\$628,590	IDC Calcs for FY15 (Non-Major Projects)

Type of project: Expansion

System: Goonyella

Expenditure Claim (excluding IDC): \$230,286

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The scope of work is believed to be prudent	1
Standard	The standard to which the work is constructed is believed to be prudent	1
Cost	The project costs to date are believed to be prudent.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

Capital Funding Request, August 2013

SAP ZPS sheet

### Background

The project scope is to roll out 38 relays in feeder stations and track sectioning cabins at sites across the Goonyella system and bring them up to current specification.

Stage	Date	Project Cost or Estimate	Comments
Minor Funding Request	06/08/2013	\$660,000	Only \$460k assigned in SAP due to previous spend on a different project
Actual Costs to Date		\$421,878	FY15 SAP report
Previously approved QCA claim		\$191,592	Increase in actual cost compared to previous claims is \$755,026
RAB Submission 2014-15		\$230,286	2014/15 (Non-Major Projects) Capital Expenditure Claim
RAB Submission IDC		\$4,519	2014/15 (Non-Major Projects) Capital Expenditure Claim
RAB Submission Aurizon		\$234,804	2014/15 (Non-Major Projects) Capital Expenditure Claim

Type of project: Electrical

System: Goonyella

Expenditure Claim (excluding IDC): \$2,917,815

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The works are considered prudent in scope.	1
Standard	The works are considered prudent in standard.	1
Cost	The works are considered prudent in cost.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

**FY15 Capital Expenditure (Non-Major Projects)  
Report August 2015**

**SAP ZPS spreadsheet for FY15 spend**

**Capital Funding Request, September 2014**

**End of Financial Year Report**

Background

This project is to replace damaged, aged and deteriorating components which have exceeded their design life within the overhead line equipment (OHLE) at locations within the Goonyella system. The work is planned to be carried out in FY15, FY16 and FY17.

Stage	Date	Project Cost or Estimate	Comments
Minor Funding Request	1/9/14	\$5,885,000	The MFR provided for review has not been signed
Project Plan			No project plan has been provided.
Completion Report Forecast			n/a
Actual Costs to Date	30/6/15	\$2,917,815	ZPS Report Actuals to 30 June 2015 spreadsheet
Previously approved QCA claim	31/03/15	\$0	
RAB Submission 2014-15		\$2,917,815	Indicative 2014/15 CAPEX (Non-Major Projects) Claim List
RAB Submission IDC	11/08/15	\$3,234	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon Network	11/08/15	\$2,921,049	IDC Calcs for FY15 (Non-Major Projects)

Type of project: Expansion

System: Blackwater

Expenditure Claim (excluding IDC): \$8,441,686

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The scope of work is believed to be prudent	1
Standard	The standard to which the work is constructed is believed to be prudent	1
Cost	The project costs are believed to be prudent.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

Capital Project minor funding request (2009)	Project change request No. 6 (2013)
Notice of Revised investment project approval (2010)	Project timeline document
Rail Infrastructure Construction Deed	Variation register (2012)
Memo for additional funds (2013)	Variation register (no year)

### Background

This work was undertaken following the signing of a contract which took expected actual tonnages past a predetermined threshold limit where track upgrade would be required.

Stage	Date	Project Cost or Estimate	Comments
Minor Funding Request		\$11,468,070	
Actual Costs to Date		\$11,336,470	FY15 SAP report
Previously approved QCA claim		\$2,894,490	Aurizon e-mail, 10 <sup>th</sup> December 2015
RAB Submission 2014-15		\$8,441,686	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission IDC		\$2,252,890	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon		\$10,694,575	IDC Calcs for FY15 (Non-Major Projects)

Type of project: S&TSS

System: System Wide

Expenditure Claim (excluding IDC): \$396,072

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The project scope has been developed using risk assessment and options analysis. One of the key drivers for the project is recommendations from the “Safe working Breach Collinsville 2011”. Based on the information provided the scope is believed to be prudent	1
Standard	The project is believed to be prudent with to standard	1
Cost	The project delivery has been staged to optimise existing infrastructure and process. The project is believed to be prudent with regard to cost	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

Minor capital funding request (April 2010)

Minor capital funding request (April 2012)

SAP report

Background

The project involves the upgrade of the existing UTC train control simulator including training processes, procedures and scripts directly impacted by the upgrade.

Stage	Date	Project Cost or Estimate	Comments
Minor Funding Request		\$417,000	
Approved Funding		\$417,000	
Actual Costs to Date		\$396,072	ZPS Report Actuals to 30 June 2015 spreadsheet
Previously approved QCA claim		-	
RAB Submission 2014-15		\$396,072	Indicative 2014/15 (Non-Major Projects) Claim List
RAB Submission IDC		\$35,251	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon		\$431,323	IDC Calcs for FY15 (Non-Major Projects)

Type of project: STSS

System: Blackwater

Expenditure Claim (excluding IDC): \$512,875

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>

### Overall Assessment Comments and Recommendations

Criteria	Comment/Recommendation	Risk*
Scope	The original scope is considered prudent.	1
Standard	The equipment has been shown not to meet the required standard for use on the CQCN, but the process followed to reach this conclusion is considered prudent.	1
Cost	The costs are considered prudent for the work completed.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

**FY15 Capital Expenditure (Non-Major Projects) Report August 2015**

**SAP ZPS spreadsheet for FY15 spend**

**Minor Capital Funding Request, July 2012 Supplier Invoice for Agreed Final Costs**

**Project Termination Memo, November 2013 Extract Pages from Supply Contract**

### Background

The project proposes to renew the aged and life expired analogue CSEE track circuits from Rocklands to Aldoga with new digital CSEE track circuit equipment. The scope will be delivered in two parts – the first to establish a single site to type approve the new equipment for use on the Aurizon network, and the second, upon successful type approval, to replace the aged analogue equipment with the modern equivalent digital equipment.

Stage	Date	Project Cost or Estimate	Comments
Minor Funding Request	20/6/12	\$680,000	
Project Plan			No project plan has been provided.
Completion Report Forecast			n/a
Actual Costs to Date	31/03/15	\$513,113	ZPS Report Actuals to 30 June 15 spreadsheet
Previously approved QCA claim	31/03/15	\$0	
RAB Submission 2014-15	11/08/15	\$512,875	Indicative 2014/15 CAPEX (Non-Major Projects) Claim List
RAB Submission IDC	11/08/15	\$34,140	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon Network	11/08/15	\$547,016	IDC Calcs for FY15 (Non-Major Projects)

Type of project: STSS

System: Systemwide

Expenditure Claim (excluding IDC): \$308,761

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The replacement of the old Siemens Axle counters by the new Frauscher Advanced Counter (FAdC) is prudent. However no evidence has been sighted which confirms that the new equipment has yet been commissioned. It is understood from the previous 2013/14 CapEx review that the commissioning was postponed until the 2015/2016 financial year.	1
Standard	Frauscher is one of leading suppliers of axle counters. The FAdC product will be installed for the first time on Aurizon network for this project. This product is one of two axle counter types recommended for axle counter replacement in the Aurizon study “Axle Counter versus Track Circuit”	1
Cost	The budgeted costs are considered reasonable in regards to the first implementation of the Frauscher Axle counters. However as the equipment is not yet commissioned the costs cannot be assessed as prudent.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

**FY15 Capital Expenditure (Non-Major Projects)  
Report August 2015**

**SAP ZPS spreadsheet for FY15 spend**

**AzS600 Axle Counter Signed MFR, February 2013**

### Background

Scope of the project is to replace the existing life expired Siemens Az600 axle counters with Frauscher Advanced Counter (FAdC) units from Moranbah to Villafranca and Villafranca to Mount McLaren. This is the first installation of FAdC on Aurizon network.

Stage	Date	Project Cost or Estimate	Comments
Minor Funding Request	20/6/12	\$400,000	The MFR was signed with comments from Mike Carter
Project Plan			No project plan has been provided.
Completion Report Forecast			n/a
Actual Costs to Date	31/03/15	\$308,761	ZPS Report Actuals to 30 June 15 spreadsheet
Previously approved QCA claim	31/03/15	\$0	
RAB Submission 2014-15	11/08/15	\$308,761	Indicative 2014/15 CAPEX (Non-Major Projects) Claim List
RAB Submission IDC	11/08/15	\$37,057	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon Network	11/08/15	\$345,818	IDC Calcs for FY15 (Non-Major Projects)

Type of project: STSS

System: Systemwide

Expenditure Claim (excluding IDC): \$308,761



Type of project: STSS

System: Goonyella

Expenditure Claim (excluding IDC): \$910,887

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The works are believed to be prudent in scope.	1
Standard	The works are believed to be prudent in standard.	1
Cost	The works are believed to be prudent in cost.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

**FY15 Capital Expenditure (Non-Major Projects) Report August 2015**

**SAP ZPS spreadsheet for FY15 spend**

**Minor Funding Request April 2013**

**Project FY Close Out Report**

**Selection of Testing and Commissioning Certificates**

### Background

The project scope is to the 41 Universal Power Supply (UPS) and one power conditioner throughout the Blackwater, Newlands and Goonyella systems. The object of the upgrade is to provide greater reliability of the UPS system, signalling and, therefore, the rail corridors.

Stage	Date	Project Cost or Estimate	Comments
Minor Funding Request	07/04/13	\$1,895,000	Signatures were gathered over a period of two months
Project Plan			No project plan has been provided.
Completion Report Forecast			n/a
Actual Costs to Date	31/03/15	\$1,634,025	ZPS Report Actuals to 30 June 15 spreadsheet
Previously approved QCA claim	31/03/15	\$740,460	
RAB Submission 2014-15	11/08/15	\$910,887	Indicative 2014/15 CAPEX (Non-Major Projects) Claim List
RAB Submission IDC	11/08/15	\$-17,038	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon Network	11/08/15	\$893,849	IDC Calcs for FY15 (Non-Major Projects)
Future Claim	n/a	n/a	n/a
Has project achieved financial completion?			<input type="checkbox"/>

Type of project: S&TSS

System: Systemwide

Expenditure Claim (excluding IDC): \$2,277,832

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The works are believed to be prudent in standard.	1
Standard	The works are believed to be prudent in standard.	1
Cost	The works are believed to be prudent in standard.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

**FY15 Capital Expenditure (Non-Major Projects)  
Report August 2015**

**SAP ZPS spreadsheet for FY15 spend**

**Cost Estimate (not dated)**

**Minor Capital Funding Request June2013**

### Background

The project scope is for the commissioning of UTC system upgrades as part of the Disaster Recovery Project. This is the finalisation of the project originally started prior to the de-merger of QR Limited. Payment of the full amount above, as invoiced by Queensland Rail, was required under the terms of Project Thomas.

Stage	Date	Project Cost or Estimate	Comments
Minor Funding Request	11/6/13	\$2,277,832	
Project Plan			No project plan has been provided.
Completion Report Forecast			n/a
Actual Costs to Date	31/03/15	\$2,277,832	ZPS Report Actuals to 30 June 15 spreadsheet
Previously approved QCA claim	31/03/15	\$0	
RAB Submission 2014-15	11/08/15	\$2,277,832	Indicative 2014/15 CAPEX (Non-Major Projects) Claim List
RAB Submission IDC	11/08/15	\$359,150	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon Network	11/08/15	\$2,636,982	IDC Calcs for FY15 (Non-Major Projects)

Type of project: S&TSS

System: System Wide

Expenditure Claim (excluding IDC): \$820,820

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The project scope has previously been assessed as prudent	1
Standard	The project standard of works has previously been assessed as prudent	1
Cost	The project costs are considered prudent	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

Capital funding request (June 2014)	Site photographs
SAP report	Sole Supply Letter
Supplier Invoices	Supply Contract
Supplier Estimate	

### Background

Stage 2 of the weighbridge replacement program commenced in 2009 and is basically a continuation of the strategic reconsideration of the commercial weighbridge agreements and QR (later Aurizon) Network’s weighbridge maintenance policies which were revised in Stage 1 2007. Following the determination of Aurizon Network’s weighbridge strategy Project 2870 and this Project 4548 will rationalise remaining works from previous Weighbridge Renewal Projects and implement replacement and reparation works as required.

Stage	Date	Project Cost or Estimate	Comments
Capital Funding Request	September 2009	\$4,803,000	The scope defined in the Minor Funding Request details certification to be completed for three existing weighbridges and new weighbridges to be installed at Oaky Creek, Moranbah North and Hail Creek in the next financial year. The current expenditure in FY2015 was \$2,000,502 against an approved funding of \$4,803,000 for what appears to be around 10 – 15% of the scope. This raised concerns around FY16 expenditure. A site inspection confirmed that works were completed within approved budget.
Approved Funding	September 2009	\$4,803,000	
Actual Costs to Date		\$2,821,896	
Previously approved QCA claim	FY2015	\$2,000,502	
RAB Submission 2014-15		\$820,820	
RAB Submission IDC		\$14,354	
RAB Submission Aurizon		\$835,174	

Type of project: Other

System: System Wide

Expenditure Claim (excluding IDC): \$2,672,955

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The project scope has previously been assessed as prudent	1
Standard	The project standard of works has previously been assessed as prudent	1
Cost	The costs of the project have been assessed as prudent	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

Capital funding request (August 2014)

SAP report

### Background

This project included the enhancement and completion of the Network Customer Billing Project (NCBP) – inclusive of the completion of the billing portal and Contract Lifecycle Management System or CLMS. Scope of works included the development and building of the infrastructure platform to house the Network Customer Billing Portal and the CLMS to support critical contract management and administrative activities and support audit of contract billing invoices against the contract.

Stage	Date	Project Cost or Estimate	Comments
Approved Funding	22 August 2014	\$3,597,000	This project was an enhancement on previous network billing project A.02529 which built a SAP solution on the basis of ViziRail
Actual Costs to Date		\$2,672,955	
RAB Submission 2014-15		\$2,672,955	
RAB Submission IDC		\$37,981	
RAB Submission Aurizon		\$2,710,937	

Type of project: Other

System: System Wide

Expenditure Claim (excluding IDC): \$667,063

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The project scope is considered prudent	1
Standard	The project standard is considered prudent	1
Cost	The costs of the project have been assessed as prudent	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

Capital funding request (August 2014)

SAP report

Background

This project is phase 2 of a definition and development of a long term system to support how Aurizon Network manages its long-term loans, whilst continuing to manage and develop the skills and resources specific to operation and maintenance of the Central Queensland Coal Network.

Stage	Date	Project Cost or Estimate	Comments
Approved Funding	9 July 2014	\$1,840,000	This project is ongoing part of improvement process in the management of financial and IT stream – termed Project Neil
Actual Costs to Date		\$667,063	
RAB Submission 2014-15		\$667,063	
RAB Submission IDC		\$34,881	
RAB Submission Aurizon		\$701,944	

Type of project: Other

System: System Wide

Expenditure Claim (excluding IDC): \$371,947

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The project scope is considered prudent	1
Standard	The project standard is considered prudent	1
Cost	The project cost is considered prudent	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

Capital funding request (August 2014)

SAP report

Background

This project leverages maximum benefits out of Aurizon Network existing investment in SAP PS. It is the basis for ongoing SAP improvements and future enhancements of Aurizon Network finance and billing systems

Stage	Date	Project Cost or Estimate	Comments
Approved Funding	9 July 2014	\$430,000	This project was the result of a number of improvements, changes and recommendations identified by stakeholders in around SAP investment Management to eliminate manual processes and manual data entry errors
Actual Costs to Date		\$371,947	
RAB Submission 2014-15		\$371,947	
RAB Submission IDC		\$1,059	
RAB Submission Aurizon		\$373,006	

Type of project: Expansion

System: Goonyella

Expenditure Claim (excluding IDC): \$9,707,397

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The scope is considered prudent.	1
Standard	The standard is considered prudent	1
Cost	The works have been executed at a cost of roughly \$4.6m / km. This is similar to other completed rail extension projects and is considered prudent	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

SAP report

CAPEX Feasibility to Execution Investment Approval Request, March 2013

Background

The project involves a 2.1km extension of the existing Lake Vermont balloon loop to enable 2 trains in the loop for loading. The project has been funded through a customer Access Facilitation Deed (AFD).

Stage	Date	Project Cost or Estimate	Comments
Investment approval request	March 2013	\$13,820,585	
Actual Costs to Date	2014-15	\$9,707,396	ZPS Report Actuals to 30 June 2015 Spreadsheet
Previously approved QCA claim		-	
RAB Submission 2014-15		\$9,707,397	Indicative 2014/15 (Non-Major Projects) Claim List
RAB Submission IDC		\$1,247,798	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon		\$10,955,195	IDC Calcs for FY15 (Non-Major Projects)

Type of project: TACA

System: Blackwater

Expenditure Claim (excluding IDC): \$389,569

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The scope is believed to be prudent	1
Standard	The standard to which the work has been constructed is believed to be prudent	1
Cost	The project costs are believed to be prudent	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

SAP report	Capital funding request (Mar 2012)
FAR accounting book written down sheet	Project Schedule (Mar 2012)
Callemondah photos	
Cost estimate rev 3 (march 2012)	

### Background

The project involves the upgrade (replacement) of eight (8) turnouts and points in the Callemondah Rail yard. The scope includes associated signal, track, overhead and alignment design and procurement of materials. The completed works are in accordance with the relevant Aurizon Construction Drawings and Civil Engineering Track Standards (CETS).

Stage	Date	Project Cost or Estimate	Comments
Minor Funding Request	Mar 2012	\$8,116,000	
Total approved funding	Mar 2012	\$7,860,991	
Actual Costs to Date	2014-15	\$4,901,960	ZPS Report Actuals to 30 June 2015 Spreadsheet
Previously approved QCA claim	2013-14	\$4,512,391	
RAB Submission 2014-15		\$389,569	Indicative 2014/15 (Non-Major Projects) Claim List
RAB Submission IDC		\$11,579	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon		\$401,147	IDC Calcs for FY15 (Non-Major Projects)



Type of project: TACA

System: Goonyella

Expenditure Claim (excluding IDC): \$497,379

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The project is considered prudent in terms of scope.	1
Standard	The project is considered prudent in terms of standard.	1
Cost	The project is considered prudent in terms of cost.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

**FY15 Capital Expenditure (Non-Major Projects) Report August 2015**

**SAP ZPS spreadsheet for FY15 spend**

**MFR Concrete Sleeper Upgrades Goonyella System 12/13 Phase 2**

**E-mail from Eddie Lai regarding FY13/14 accrual**

### Background

The project scope is to use the track laying machine (TLM) to replace 11.954km of 22.5TAL concrete fist sleepers with new 28TAL concrete sleepers with galvanised Pandrol E clips at coastal locations – standard clips elsewhere.

Stage	Date	Project Cost or Estimate	Comments
Minor Funding Request	20/6/12	\$9,740,000	The MFR was signed with comments from Mike Carter
Project Plan			No project plan has been provided.
Completion Report Forecast			n/a
Actual Costs to Date	31/03/15	\$8,900,705	BEP ZPS Report Actuals to 30 June 15 spreadsheet
Previously approved QCA claim	31/03/15	\$8,468,327	
RAB Submission 2014-15	11/08/15	\$497,379	Aurizon Network 2014/5 Capital Expenditure (Major Projects) Report
RAB Submission IDC	11/08/15	\$8,262	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon Network	11/08/15	\$505,641	IDC Calcs for FY15 (Non-Major Projects)

Type of project: TACA

System: Goonyella

Expenditure Claim (excluding IDC): \$14,943,921

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The original scope is considered prudent.	1
Standard	The equipment has been shown not to meet the required standard for use on the CQCN, but the process followed to reach this conclusion is considered prudent.	1
Cost	Given customer requirements and market conditions at the time the project was conceived the costs are considered prudent for the work completed.	2

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

**FY15 Capital Expenditure (Non-Major Projects) Report August 2015**

**SAP ZPS spreadsheet for FY15 spend**

**Customer Invoices for work done**

**Project Layout Plan Sheets**

**Works Definition Document – Signalling**

**Works Definition Document - Trackwork**

### Background

The overall project includes the customer funded construction of a new balloon loop, connection to the existing network and consequential signalling alterations. The costs of the connection, 500m of trackwork on the spur line to the balloon loop and signalling and overhead line alterations have been reimbursed to the client by Aurizon Network and are now proposed for inclusion in the RAB.

Stage	Date	Project Cost or Estimate	Comments
Minor Funding Request	n/a	\$14,943,921	Customer invoices provided for the claim amount.
Project Plan			No project plan has been provided.
Completion Report Forecast			n/a
Actual Costs to Date	31/03/15	\$14,943,921	ZPS Report Actuals to 30 June 15 spreadsheet
Previously approved QCA claim	31/03/15	\$0	
RAB Submission 2014-15	11/08/15	\$14,943,921	Indicative 2014/15 CAPEX (Non-Major Projects) Claim List
RAB Submission IDC	11/08/15	\$1,975,108	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon Network	11/08/15	\$16,919,029	IDC Calcs for FY15 (Non-Major Projects)

Type of project: TACA

System: Moura

Expenditure Claim (excluding IDC): \$1,538,988

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The works are believed to be prudent in scope.	1
Standard	The works are believed to be prudent in standard.	1
Cost	The works are believed to be prudent in cost.	2

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

**FY15 Capital Expenditure (Non-Major Projects) Report August 2015**

**SAP ZPS spreadsheet for FY15 spend**

**Final Signed Minor Funding Request**

**Single Source Memo - Final**

Background

The project scope is to rehabilitate a life expired corrugated steel pipe culvert at 113.9km on the Moura Short Line using specialist techniques.

Stage	Date	Project Cost or Estimate	Comments
Minor Funding Request		\$1,878,000	A total of \$1,538,988 is being claimed this year.
Project Plan			No project plan has been provided.
Completion Report Forecast			n/a
Actual Costs to Date	31/03/15	\$1,538,988	ZPS Report Actuals to 30 June 15 spreadsheet
Previously approved QCA claim	31/03/15	Nil	
RAB Submission 2014-15	11/08/15	\$1,538,988	Indicative 2014/15 (Non-Major Projects) Claim List
RAB Submission IDC	11/08/15	\$41,666	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon Network	11/08/15	\$1,580,654	IDC Calcs for FY15 (Non-Major Projects)

Type of project: TACA

System: Blackwater

Expenditure Claim (excluding IDC): \$2,950,279

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The works are believed to be prudent in scope.	1
Standard	The works are believed to be prudent in standard.	1
Cost	The works are believed to be prudent in cost.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

**FY15 Capital Expenditure (Non-Major Projects) Report August 2015**

**SAP ZPS spreadsheet for FY15 spend**

**AR Scope Cash Flow Review Change Request #4**

**Lot Conformance Reports x 4**

Background

The project covers the renewal of a number of culverts on the Blackwater system and North Coast Line.

Stage	Date	Project Cost or Estimate	Comments
Minor Funding Request			The MFR was not supplied for review
Project Plan			No project plan has been provided.
Completion Report Forecast			n/a
Actual Costs to Date	31/03/15	\$7,378,764	ZPS Report Actuals to 30 June 15 spreadsheet
Previously approved QCA claim	31/03/15	\$4,428,485	
RAB Submission 2014-15	11/08/15	\$2,950,279	Indicative 2014/5 (Non-Major Projects) Claim List
RAB Submission IDC	11/08/15	\$69,384	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon Network	11/08/15	\$3,019,663	IDC Calcs for FY15 (Non-Major Projects)

Type of project: TACA

System: Systemwide

Expenditure Claim (excluding IDC): \$2,342,027

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<b>Overall Assessment Comments and Recommendations</b>		
Criteria	Comment/Recommendation	Risk*
Scope	The scope provides for an extension of existing above and below rail asset life and an increase in operational safety through the replacement of existing lubricators with new modern equivalent units. The project is believed to be prudent in scope.	1
Standard	The scope of works is believed to be prudent in standard as it is understood to comply with the requirements of CETS Module 2 – Rail.	1
Cost	While the cost per unit is considered to be relatively high, it is considered that the savings to be generated by extended rail and wheel set life make this expenditure prudent.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

SAP report

Lubricator design & location notes

Minor Capital Funding Request (Feb 2013)

Lubricator Costings spreadsheet

Background

The project involves the replacement of 138No. rail flange lubricators, and upgrade of supporting infrastructure to meet the Civil Engineering Track Standards (CETS- Module 2 – Rail)

Stage	Date	Project Cost or Estimate	Comments
Minor Funding Request	Feb 2013	\$8,900,000	
Total approved funding		\$8,900,000	
Actual Costs to Date		\$5,068,449	ZPS Report Actuals to 30 June 2015 spreadsheet
Previously approved QCA claim		\$2,669,456	
RAB Submission 2014-15		\$2,342,027	Indicative 2014/15 (Non-Major Projects) Claim List
RAB Submission IDC		\$15,239	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon		\$2,357,265	IDC Calcs for FY15 (Non-Major Projects)

Type of project: TACA

System: Systemwide

Expenditure Claim (excluding IDC): \$12,242,309

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<b>Overall Assessment Comments and Recommendations</b>		
Criteria	Comment/Recommendation	Risk*
Scope	The scope is believed to be prudent	1
Standard	The standard to which the work has been constructed is believed to be prudent	1
Cost	The cost is believed to be prudent	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

SAP report	Client Requirement Brief (Nov 2013)
CAPEX feasibility investment Approval Request (May 2014)	Project Change Request (June 2015)
Minor Capital funding Request (Nov 2012)	

Background

The project involves the (replacement) of twenty five (25) turnouts across the Blackwater, Goonyella, Moura and Newlands systems. The scope includes associated signal, track, overhead and alignment design and procurement of materials.

Stage	Date	Project Cost or Estimate	Comments
Minor Funding Request	Nov 2012	\$2,310,000	
Total approved funding	May 2014	\$17,875,000	
Actual Costs to Date	2014-15	\$12,803,838	ZPS Report Actuals to 30 June 2015 spreadsheet
Previously approved QCA claim		-	
RAB Submission 2014-15		\$12,242,309	Indicative 2014/15 (Non-Major Projects) Claim List
RAB Submission IDC		\$65,353	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon		\$12,307,663	IDC Calcs for FY15 (Non-Major Projects)

Type of project: TACA

System: Blackwater

Expenditure Claim (excluding IDC): \$1,541,092

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The works are believed to be prudent in scope.	1
Standard	The works are believed to be prudent in standard.	1
Cost	The works are believed to be prudent in cost.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

**FY15 Capital Expenditure (Non-Major Projects) Report August 2015**

**SAP ZPS spreadsheet for FY15 spend**

**Concept IAR August 2013**

**Client Requirement Brief Blackwater: Renewal of 7 Existing Single Track Sections Post WIRP1 Duplication – 13/14 and 14/15 Client Requirement Brief November 2012**

**Post WIRP1 Funding Details**

**Post WIRP powerpoint June 2013**

**Blackwater Eastern Trunk Renewal Project Schedule September 2014**

**Post WIRP1 powerpoint January 2014**

### Background

The project is to replace near life expired track, civil, telecommunication, signalling and traction asset in the single track adjacent to newly commissioned duplicated track so these historically heavily used assets can be renewed without impacting current network capacity. The scope of work includes items such as site inspections for scope definition, Level 2 assessment of bridges and culverts, development of costing, program of work, Project Plan and Risk Management Plan and design of the civil and track alignment.

Stage	Date	Project Cost or Estimate	Comments
Concept Investment Approval Request	August 2013	\$1,170,000 (plus \$370,000 previously approved)	The IAR was signed with comments from Mike Carter
Project Plan			No project plan has been provided.
Completion Report Forecast			n/a
Actual Costs to Date	26/08/15	\$1,541,092	ZPS Report Actuals to 30 June 15 spreadsheet
Previously approved QCA claim	31/03/15	\$0	
RAB Submission 2014-15	11/08/15	\$1,541,092	Indicative 2014/15 (Non-Major Projects) Claim List
RAB Submission IDC	11/08/15	\$118,875	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon Network	11/08/15	\$1,659,966	IDC Calcs for FY15 (Non-Major Projects)

Type of project: TACA

System: Blackwater

Expenditure Claim (excluding IDC): \$1,541,092



Type of project: TACA

System: Goonyella

Expenditure Claim (excluding IDC): \$1,295,000

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<b>Overall Assessment Comments and Recommendations</b>		
Criteria	Comment/Recommendation	Risk*
Scope	The scope is believed to be prudent	1
Standard	The standard to which the work has been constructed is believed to be prudent	1
Cost	The cost is believed to be prudent.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

SAP report

Project planning spreadsheets

Capital funding request ( June 2013)

Background

The project involves upgrade of the access roads, drainage and cuttings for the balloon loops at the Moorvale, Macarthur and Isaac Plains mines. The work was completed prior to FY15.

Stage	Date	Project Cost or Estimate	Comments
Capital funding request	June 2013	\$1,295,000	
Total approved funding		\$1,295,000	
Actual Costs to Date		\$1,295,000	ZPS Report Actuals to 30 June 2015 spreadsheet
Previously approved QCA claim		-	
RAB Submission 2014-15		\$1,295,000	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission IDC		\$204,185	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon		\$1,499,185	IDC Calcs for FY15 (Non-Major Projects)

Type of project: TACA

System: Blackwater

Expenditure Claim (excluding IDC): \$335,000

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The works are believed to be prudent in scope.	1
Standard	The works are believed to be prudent in standard.	1
Cost	Even though the costs have exceeded the approval in the Minor Funding Request they remain within the budget released in SAP, which cannot exceed the approved budget. This indicates an appropriate change control process was followed and the works are therefore considered prudent in cost.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

**FY15 Capital Expenditure (Non-Major Projects)  
Report August 2015**

**SAP ZPS spreadsheet for FY15 spend**

**Capital Funding Request January 2013**

### Background

Sandhurst Creek Bridge is a legacy timber structure, dating back to the late 1800's, which carries the branch line servicing the Minerva mine. Various components of the bridge are showing signs of advanced deterioration and need to renewed to allow the bridge to continue to carry coal traffic for the expected remaining mine life.

Stage	Date	Project Cost or Estimate	Comments
Minor Funding Request	16/1/14	\$1,750,000	
Project Plan			No project plan has been provided.
Completion Report Forecast			n/a
Actual Costs to Date	26/08/15	\$2,071,115	ZPS Report Actuals to 30 June 15 spreadsheet. It is noted that although this figure exceeds the MFR approval amount it is within the budget shown as released in SAP.
Previously approved QCA claim		\$1,736,115	Included in FY14 claim
RAB Submission 2014-15	30/06/15	\$335,000	Indicative 2014/15 CAPEX (Non-Major Projects) Claim List
RAB Submission IDC	11/08/15	\$4,988	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon Network	11/08/15	\$339,988	IDC Calcs for FY15 (Non-Major Projects)

Type of project: TACA

System: Blackwater

Expenditure Claim (excluding IDC): \$335,000

Type of project: TACA

System: System Wide

Expenditure Claim (excluding IDC): \$24,308,900

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The project is considered prudent in scope.	1
Standard	The project is considered prudent in standard.	1
Cost	The project is considered prudent in cost.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

**FY15 Capital Expenditure (Non-Major Projects) Report August 2015**

**SAP ZPS spreadsheet for FY15 spend**

**Feasibility Investment Approval Request, May 2014  
Change Request #3**

**Change Request #2**

### Background

The project is to address those sites where life expired rail and corroded fist fastened sleepers occur together. The project is targeted at maximising the efficiency of asset renewal activities through only mobilising to a site once. The project involves replacement of 22.5TAL concrete sleepers with 28TAL concrete sleepers with galvanised Pandrol 'E' clips, the replacement of worn rail with 60kg/m head hardened rail and, at some sites, the replacement of ballast. Sites have been identified for track upgrade in the Goonyella, Newlands and Blackwater systems.

Stage	Date	Project Cost or Estimate	Comments
Feasibility Investment Approval Request	02/4/14	\$34,100,000	
Project Plan			No project plan has been provided.
Completion Report Forecast			n/a
Actual Costs to Date	31/03/15	\$23,794,697	ZPS Report Actuals to 30 June 15 spreadsheet
Previously approved QCA claim	31/03/15	\$0	
RAB Submission 2014-15	11/08/15	\$24,308,900	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission IDC	11/08/15	\$96,755	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon Network	11/08/15	\$24,405,656	IDC Calcs for FY15 (Non-Major Projects)

Type of project: TACA

System: Systemwide

Expenditure Claim (excluding IDC): \$11,053,088

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<b>Overall Assessment Comments and Recommendations</b>		
Criteria	Comment/Recommendation	Risk*
Scope	The scope is believed to be prudent	1
Standard	The standard to which the work has been constructed is believed to be prudent	1
Cost	The cost is believed to be prudent.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

SAP report

Investment Approval Request ( June 2014)

Project Change Request (Feb 2015)

### Background

The project involves the reparation or replacement of life-expired culverts & structures on the CQC to achieve where possible 26.5tal load assessment for structures, 300A loading compliance for new structures, Q50 flood immunity below top of formation & scour protection improvements. The scope involves Execution of completed designs in the FY13 & FY14 Goonyella (A.04308) & Newlands (A.04145) culvert upgrade projects, condition assessment of 261 sites as identified in client requirement briefs, and population of the CQC structural inspections and Structures database.

Stage	Date	Project Cost or Estimate	Comments
Investment Approval Request	June 2014	19,660,000	
Total approved funding		\$17,870,000	
Actual Costs to Date		\$11,087,957	ZPS Report Actuals to 30 June 2015 spreadsheet
Previously approved QCA claim		-	
RAB Submission 2014-15		\$11,053,088	Indicative 2014/15 CAPEX (Non-Major Projects) Claim List
RAB Submission IDC		-\$120,694	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon Network Submission		\$10,932,394	IDC Calcs for FY15 (Non-Major Projects)



Type of project: TACA

System: System Wide

Expenditure Claim (excluding IDC): \$319,415

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The project is considered prudent in scope.	1
Standard	The project is considered prudent in standard.	1
Cost	The project contains three distinct work streams. The FY15 prudency review only considered work on Glued Insulated Joints as the other work streams were approved in the 2013/14 claim. Costs for GIJ work are now also considered prudent.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

**FY15 Capital Expenditure (Non-Major Projects) Report August 2015**

**SAP ZPS spreadsheet for FY15 spend**

### Background

This project is for the track upgrade works at Dawson River and Plum Tree Creek, also the replacement of Glued Insulated Joints (GIJs) and the renewal of formation at specified locations. The proposed works were identified through the standard Aurizon process of track inspections and defect monitoring, and highlighted as priority sites for remedial action. The FY14 review approved the costs for the track upgrade works, but the costs for Glued Insulated Joints were deferred to FY15.

Stage	Date	Project Cost or Estimate	Comments
Capital Funding Request	20/6/14	\$2,692,000	
Project Plan			No project plan has been provided.
Completion Report Forecast			n/a
Actual Costs to Date	31/03/15	\$2,095,106	ZPS Report Actuals to 30 June 15 spreadsheet
Previously approved QCA claim	31/03/15	\$1,775,691	
RAB Submission 2014-15	11/08/15	\$319,415	Indicative 2014/15 CAPEX (Non-Major Projects) Claim List
RAB Submission IDC	11/08/15	\$10,291	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon Network	11/08/15	\$329,706	IDC Calcs for FY15 (Non-Major Projects)

Type of project: TACA

System: System Wide

Expenditure Claim (excluding IDC): \$8,510,218

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The works are believed to be prudent in scope.	2
Standard	The works are believed to be prudent in standard.	1
Cost	The works are believed to be prudent in cost.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

**FY15 Capital Expenditure (Non-Major Projects) Report August 2015**

**SAP ZPS spreadsheet for FY15 spend**

**Project FY Completion and Closure Report Capital Funding Request, April 2014**

**Client Requirement Brief (signed) June 2014 Project Change Request No.1, July 2014**

### Background

The objective of this project is to undertake formation strengthening works on a prioritised basis in the Newlands, Goonyella, Blackwater and Moura systems plus strengthen formation from Wallaroo to Dingo Down Road, Central Line in the Blackwater System from 118.4km to 120.5km, 123.5km to 125.0km and from 126.5km to 127.0km that pose a risk to the safe and efficient operation of the Network in a timely and effective manner.

Stage	Date	Project Cost or Estimate	Comments
Capital Funding Request	15/4/14	\$8,600,000	
Project Plan			No project plan has been provided.
Completion Report Forecast			n/a
Actual Costs to Date	30/6/15	\$8,510,218	ZPS Report Actuals to 30 June 15 spreadsheet
Previously approved QCA claim	31/03/15	\$0	
RAB Submission 2014-15	11/08/15	\$8,510,218	Aurizon Network 2014/5 Indicative CAPEX (Non-Major Projects) Claim List
RAB Submission IDC	11/08/15	\$13,258	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon Network	11/08/15	\$8,523,476	IDC Calcs for FY15 (Non-Major Projects)

Type of project: TACA

System: Systemwide

Expenditure Claim (excluding IDC): \$12,092,760

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The works are considered prudent in terms of scope.	1
Standard	The works are considered prudent in terms of standard.	1
Cost	The works are considered prudent in terms of cost.	2

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

**FY15 Capital Expenditure (Non-Major Projects) Report August 2015**

**SAP ZPS spreadsheet for FY15 spend**

**Client Requirement Brief Rev A Version 1.0 November 2013**

**Feasibility IAR May 2014**

**Track Validation Certificates x 5**

Background

The project scope is to replace life expired 22.5TAL 'fist' sleepers with 28TAL concrete sleepers with Pandrol E clips. Clips and housings to be galvanised for installation in areas where high corrosion rates can be expected.

Stage	Date	Project Cost or Estimate	Comments
Minor Funding Request			Funding demonstrated via IAR.
Project Plan			No project plan has been provided.
Completion Report Forecast			n/a
Actual Costs to Date	26/08/15	\$11,510,254	SAP ZPS Report
Previously approved QCA claim	31/03/15	\$0	
RAB Submission 2014-15	11/08/15	\$12,092,760	Aurizon Network 2014/5 Capital Expenditure (Major Projects) Report
RAB Submission IDC	11/08/15	\$68,054	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon Network	11/08/15	\$12,160,814	IDC Calcs for FY15 (Non-Major Projects)



Type of project: Telecoms

System: System wide

Expenditure Claim (excluding IDC): \$1,091,559

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The scope of this project has been previously assessed as prudent	1
Standard	The standard of work in the delivery of the project has previously been assessed as prudent	1
Costs	The cost associated with the ongoing delivery of the project are believed to be prudent	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

SAP Report	Summary budget
Project Gantt chart	Project management plan
Risk management model	Record of review
Risk register	QCA summary report

Background

This project was original Assessed in 2012/13. The Train Control Disaster Recovery work was intended, among other things, to duplicate the existing Rockhampton Train Control Centre in a totally separate building, so that if a disaster at the existing Rockhampton facility, train control could be switched to a substitute location. Another objective of the project works was to create a 'cold start' capability to bring the train control systems back up online within 24 hours of a major disruption. In order to create this capability, it was necessary to locate a suitable building to house the necessary staff and equipment. Subsequent to risk review meetings and option discussions, the decision was made to house the new control centre in the existing Aurizon Network building in Mackay, which had previously housed the former train control facility for the Goonyella and Newlands systems.

Stage	Date	Project Cost or Estimate	Comments
Total approved funding		\$18,800,000	
Actual Costs to Date		\$17,749,950	
Previously approved QCA claim		\$16,648,469	
RAB Submission 2013-14		\$1,091,559	
RAB Submission IDC		\$19,630	
RAB Submission Aurizon		\$1,111,189	

Type of project: Telecoms

System: Systemwide

Expenditure Claim (excluding IDC): \$3,561,144

## Summary of Prudency Assessment

Assessment overview:

Was there sufficient demonstration of prudency of in accordance with Clauses 2 and 3 of Schedule A – refer to Section 1, 2, 3 of this assessment form for assessment details.	Prudency of Cost	<input checked="" type="checkbox"/>
	Prudency of Standard	<input checked="" type="checkbox"/>
	Prudency of Scope	<input checked="" type="checkbox"/>
<i>Overall Assessment Comments and Recommendations</i>		
Criteria	Comment/Recommendation	Risk*
Scope	The works are believed to be prudent in scope.	1
Standard	The works are believed to be prudent in standard.	1
Cost	The works are believed to be prudent in cost.	1

\*refer to Appendix X for an explanation of the Risk ratings

Information provided and assessed:

<b>FY15 Capital Expenditure (Non-Major Projects) Report August 2015</b>	<b>SAP ZPS spreadsheet for FY15 spend</b>
<b>End of Financial Year Project Completion Report</b>	<b>Asset Renewals Project Plan_Signalling S2 Dual</b>
<b>Dual Telem Reqs Spreadsheet</b>	<b>Minor Funding Request</b>
<b>Selection of Master Test Certificates</b>	

Background

The scope of works is to upgrade life expired and no longer supported components within the telemetry system including the provision of dual (redundant) telemetry to all critical stations.

Stage	Date	Project Cost or Estimate	Comments
Minor Funding Request	18/6/12	\$9,080,000	
Project Plan			No project plan has been provided.
Completion Report Forecast			n/a
Actual Costs to Date	31/03/15	\$8,674,336	ZPS Report Actuals to 30 June 15 spreadsheet
Previously approved QCA claim	31/03/15	\$5,103,433	
RAB Submission 2014-15	11/08/15	\$3,561,144	Indicative 2014/15 (Non-Major Projects) Claim List
RAB Submission IDC	11/08/15	\$74,451	IDC Calcs for FY15 (Non-Major Projects)
RAB Submission Aurizon Network	11/08/15	\$3,635,595	IDC Calcs for FY15 (Non-Major Projects)