
UT4 SUBMISSION AND REFERENCE LIST

2014 DAU Process

Consultation Process

In August 2014, we published Aurizon Network's 2014 DAU and its supporting material on our website. In October 2014, we received submissions from 10 stakeholders on the 2014 DAU. The table below shows a list of submissions received on the 2014 DAU.

Table 1 Submissions and reports received on the 2014 DAU

<i>Organisation/individual</i>	<i>Submission number</i>
Anglo American	2014DAU 7–17, 19–21,
Asciano	2014DAU 22
Aurizon Holdings Limited	2014DAU 25
Aurizon Network	2014DAU 1–6 and 48, 49, 51
Aurizon Operations	2014DAU 26
BHP Billiton Mitsubishi Alliance and BHP Billiton Mitsui Coal	2014DAU 23
Department of State Development, Innovation and Planning	2014DAU 47
Glencore Xstrata	2014DAU 50
Queensland Resources Council	2014DAU 28–46
Vale	2014DAU 24

QCA Draft Decision – Maximum Allowable Revenue (MAR)

In September 2014, we published our MAR Draft Decision, and received submissions from 10 stakeholders.

Table 2 Submissions and reports received on the MAR Draft Decision

<i>Organisation/individual</i>	<i>Submission number</i>
Anglo American	2014DAU 58
Asciano	2014DAU 52
Aurizon Network	2014DAU 59
Balance Advisory	2014DAU 60
BHP Billiton Mitsubishi Alliance and BHP Billiton Mitsui Coal	2014DAU 53
Department of State Development, Infrastructure and Planning	2014DAU 61
Queensland Resources Council	2014DAU 62
Vale	2014DAU 54
Wesfarmers	2014DAU 55
Wiggins Island Coal Export Terminal	2014DAU 56

<i>Organisation/individual</i>	<i>Submission number</i>
Wiggins Island Coal Export Terminal (Letter)	2014DAU 57

[Aurizon Network's WIRP proposal](#)

In December 2014, Aurizon Network put forward an alternate approach to WIRP pricing via a separate process (under the 2010 undertaking). This proposed WIRP tariffs to apply for the remainder of 2014–15, but also had additional information and new modelling for an alternative approach for WIRP tariffs beyond 2014–15. We received 10 submissions from stakeholders on Aurizon Network's proposal and, to the extent they concerned Aurizon Network's alternative approach for tariffs beyond 2014–15, have taken these into account in making our draft decision on WIRP pricing under the 2014 DAU.

Table 3 Aurizon Network's WIRP proposal and submissions received

<i>Organisation</i>	<i>Submission number</i>
Anglo American	72
Asciano	69
BHP Billiton Mitsubishi Alliance and BHP Billiton Mitsui Coal	67
Cockatoo Coal	70
Idemitsu	71
New Hope	66
Rio Tinto Coal Australia	73
Wesfarmers	75
WIRP Users	68

[Short Term Transfer Mechanism](#)

[Aurizon Network's Discussion Paper](#)

In December 2014, we received and published a discussion paper from Aurizon Network on its proposed short term transfer mechanism, and received submissions from 4 stakeholders.

[QCA Draft Decision](#)

In April 2015, we published our draft decision on Aurizon Network's short term transfer mechanism, and received submissions from 6 stakeholders.

Table 4 Submissions received on short term trading mechanism

<i>Organisation</i>	<i>Submission number</i>
Discussion Paper	
Anglo American	65
Asciano	63
QRC	66
Vale	64
Draft Decision	
Aurizon Holdings	102

Organisation	<i>Submission number</i>
Aurizon Network	101
Asciano	99
BHP Billiton Mitsubishi Alliance and BHP Billiton Mitsui Coal	100
Queensland Resources Council	103
Wealth resources	98

Submissions—2014 DAU

Aurizon Network's submissions

- The 2014 Access Undertaking: Explanatory Material – Letter UT4 Withdrawal (sub. no. 1)
- The 2014 Access Undertaking: Explanatory Material – Letter UT4 Resubmission August 2014. (sub. no. 2)
- The 2014 Access Undertaking: Explanatory Material – Summary Table of Key Changes (App B) August 2014. (sub. no. 3)
- The 2014 Access Undertaking: Explanatory Material – Detailed Table of Changes (App A1) August 2014. (sub. no. 4)
- The 2014 Access Undertaking: Explanatory Material – Detailed Table of Changes – Agreements (App A2) August 2014. (sub. no. 5)
- The 2014 Access Undertaking Explanatory Material – Wiggins Island Rail Project Proposed Revenue and Pricing Treatment, August 2014 (sub. no. 6)
- October 2014, Feedback on the consultation guideline issued by the QCA, and endorsement for a number of comments raised by stakeholders in submissions to the QCA on the 2014 DAU (sub. no. 48)
- October 2014, Letter from Aurizon regarding Aurizon Network Pty Ltd 2014 Draft Access Undertaking (2014 DAU) Consultation (sub. no. 49)
- October 2014, Support of other stakeholder submissions to the QCA (sub. no. 51)

Stakeholders' submissions

Anglo American

- October 2014, Submission on the 2014 Draft Access Undertaking (sub. no. 7).
- October 2014, Submission Annexure A—Part 4: Negotiation Framework (sub. no. 8).
- October 2014, Submission Annexure B—Part 7: Available Capacity allocation and management (sub. no. 9).
- October 2014, Submission Annexure C—Part 8: Network development and Expansions (sub. no. 10).
- October 2014, Submission Annexure D—Part 9: Connecting Private Infrastructure (sub. no. 11).
- October 2014, Submission Annexure E—Schedule A: Preliminary, Additional Capacity Information (sub. no. 12).
- October 2014, Submission Annexure F—Schedule B: Access Application information requirements (sub. no. 13).
- October 2014, Submission Annexure G—Schedule D: Ultimate Holding Company Deed (sub. no. 14).
- October 2014, Submission Annexure H—Schedule G: Network Management Principles (sub. no. 15).
- October 2014, Submission Annexure I—Schedule I: Confidentiality Agreement (sub. no. 16).
- October 2014, Submission Annexure J—Standard Rail Connection Agreement (sub. no. 17).
- October 2014, Email regarding Anglo American 2014 Draft Access Undertaking submission with corrections (sub. no. 19).
- October 2014, Letter to the QCA regarding addendum (sub. no. 20).
- October 2014, Addendum: Submission mark-up for the QCA (sub. no. 21).

Asciano Limited (Asciano)

October 2014, Submission to the QCA in relation to the Aurizon Network 2014 Draft Access Undertaking (sub. no. 22).

Aurizon Holdings Limited (Aurizon)

October 2014, Aurizon Holdings' submission to the 2014DAU (sub no. 25).

Aurizon Operations

October 2014, Submission to the 2014DAU (sub no. 26).

BHP Billiton Mitsubishi Alliance (BMA) and BHP Billiton Mitsui Coal (BMC)

October 2014, Comments on Aurizon Network's 2014 resubmitted Draft Access Undertaking (DAU) (sub no. 23).

Department of State Development, Innovation and Planning (DSDIP)

October 2014, Comment on Aurizon Network's 2014 Draft Access Undertaking (UT 4) (sub no. 47).

Glencore Xstrata (Glencore)

October 2014, Submission on Wiggins Island Rail Project (WIRP) (sub no. 50).

Queensland Resources Council (QRC)

October 2014, Letter to the QCA re final submission on 2014 DAU (sub. no. 28).

October 2014, Part 10: QRC Mark-up (sub. no. 29).

October 2014, Part 11: QRC Mark-up (sub. no. 30).

October 2014, Part 2: QRC Mark-up (sub. no. 31).

October 2014, Part 3.1: QRC Redrafted Part 3 (sub. no. 32).

October 2014, Part 3.2: (Schedule D) QRC Mark-up (sub. no. 33).

October 2014, Part 3.3: (Schedule I) QRC Mark-up (sub. no. 34).

October 2014, Part 5.1: QRC Mark-up (sub. no. 35).

October 2014, Part 9: QRC Mark-up (sub. no. 36).

October 2014, REVISED—Part 4: Mark-up (sub. no. 37).

October 2014, REVISED—Part 5.2: QRC Mark-up Standard Access Holder Access Agreement (sub. no. 38).

October 2014, REVISED—Part 7: QRC Mark-up (sub. no. 39).

October 2014, REVISED—Part 8.1: Mark-up (sub. no. 40).

October 2014, REVISED—Part 8.2: QRC Mark-up (sub. no. 41).

October 2014, REVISED—QRC Submission (consolidated document) (sub. no. 42).

October 2014, REVISED—Schedule A: QRC Mark-up (sub. no. 43).

October 2014, REVISED—Schedule B: QRC Mark-up (sub. no. 44).

October 2014, Schedule C: QRC Mark-up (sub. no. 45).

October 2014, Schedule G: QRC mark-up (sub. no. 46).

Vale

October 2014, Submission on the Aurizon Network 2014 DAU (sub no. 24).

Submissions—MAR Draft Decision

Anglo American

December 2014, Response to the QCA Draft Decision on Aurizon Network's Maximum Allowable Revenue (sub. no. 58)

Asciano

December 2014, Submission to the QCA on the Maximum Allowable Revenue Component of the Aurizon Network Draft Access Undertaking (sub. no. 52)

Aurizon Network

December 2014, Response to the QCA's Draft Decision on Aurizon Network's 2014 Draft Access Undertaking – Maximum Allowable Revenue (sub. no. 59)

Balance Advisory

December 2014, Aurizon Network 2014 Draft Access Undertaking – Maximum Allowable Revenue (sub. no. 60)

BHP Billiton Mitsubishi Alliance (BMA) and BHP Billiton Mitsui Coal (BMC)

December 2014, Aurizon Network's 2014 DAU – Queensland Competition Authority's Draft Decision on Aurizon Network's Maximum Allowable Revenue (sub. no. 53)

Department of State Development, Infrastructure and Planning (DSDIP)

December 2014, QCA's Draft Decision on the MAR Component of Aurizon Network's 2014 Draft Access Undertaking (sub. no. 61)

Queensland Resources Council (QRC)

December 2014, QRC Submission to the QCA: Aurizon Network 2014 Draft Access Undertaking – Maximum Allowable Revenue (sub. no. 62)

Vale

December 2014, Aurizon Network's 2014 Draft Access Undertaking – Maximum Allowable Revenue Draft Decision (sub. no. 54)

Wesfarmers

December 2014, Wiggins Island Rail Project Proposed Revenue and Pricing Treatment (sub. no. 55)

Wiggins Island Coal Export Terminal

December 2014, MAR Covering Letter (sub. no. 56)

December 2014, John T Boyd Company, WICET STAGE 1 Mine Production Summary for QCA – prepared for Wiggins Island Coal Export Terminal (sub. no. 57)

Submissions on WIRP

Anglo American

February 2015, Aurizon Network's proposed treatment of the Wiggins Island Rail Project (WIRP) (sub. no. 72)

Asciano

February 2015, Proposed tariff for train services to Wiggins Island Coal Export Terminal (sub. no. 69)

BHP Billiton Mitsubishi Alliance and BHP Billiton Mitsui Coal

February 2015, Proposed new reference tariff for train services to Wiggins Island Coal Export Terminal (sub. no. 67)

Cockatoo Coal

February 2015, Aurizon Network proposed new reference tariff – train services to Wiggins Island Coal Export Terminal Submission (sub. no. 70)

Idemitsu

February 2015, QCA Submission – Proposed new reference tariff for train services to Wiggins Island Coal Export Terminal (sub. no. 71)

New Hope

February 2015, Aurizon Network's access undertaking (2010) Proposed new reference tariff for train services to Wiggins Island Coal Export Terminal (sub. No. 66)

Rio Tinto Coal Australia

March 2015, Submission to the QCA – Proposed new reference tariff for train services to Wiggins Island Coal Export Terminal (sub. no. 73)

Wesfarmers

April 2015, WIRP Proposed Pricing Treatment – clarification of regulatory framework and proposed commercial outcomes (sub. no. 75)

WIRP users

February 2015, WIRP Proposed Pricing Treatment (sub. no. 68)

[Submissions – Aurizon Network's short term transfers discussion paper](#)

Anglo American

February 2015, Submission on Aurizon Network's proposed short term transfer mechanism (sub. no. 65)

Asciano

February 2015, Submission on Aurizon Network's proposed short term transfer mechanism (sub. no. 63)

QRC

February 2015, Submission on short term transfers (sub. no. 66)

Vale

February 2015, Submission on short term transfer paper (sub. no. 64)

[Submissions – Short Term Trading Mechanism Draft Decision](#)

Asciano

Submission on the QCA's draft decision on short term transfers (sub. no. 99)

Aurizon Holdings

June 2015, Aurizon Operations response to QCA's draft decision on short term transfer mechanism (sub. no. 102)

Aurizon Network

June 2015, Aurizon Network's response to QCA's draft decision on capacity transfer mechanism (sub. no. 101)

BMA

June 2015, Submission on draft decision on short term transfer mechanism (sub. no. 100)

QRC

June 2015 Submission on short term transfer mechanism (sub. no. 103)

Wealth Resources

June 2015, QCA capacity transfer mechanism draft decision (sub. no. 98)

2013 DAU Process

In April 2013, we published Aurizon Network's 2013 DAU and the majority of its supporting submission and associated documents on our website. We did not publish material Aurizon Network claimed is confidential.

QCA Consultation Paper

In August 2013, we released a consultation paper to assist interested parties in making submissions on the 2013 DAU.

The consultation paper summarised some elements of the 2013 DAU, and sought to focus stakeholders' attention on some of the likely key areas of concern.¹⁰⁰² In addition, we engaged Energy Economics to provide an independent assessment of the CQCN railings forecasts for the proposed 2013 DAU regulatory period. The findings were also included in the consultation paper.

Submissions on the 2013 DAU (incorporating comments made in our consultation paper) were initially due by 9 July 2013, but we agreed to extend the due date to 10 October 2013, at the request of a number of stakeholders. We agreed to a relatively lengthy public consultation period on the 2013 DAU on the understanding this would provide sufficient time for Aurizon Network, the QRC and other stakeholders to engage with each other in an attempt to identify common ground.

In October 2013 we received submissions from 11 interested parties in response to the 2013 DAU. These are on our website. In these, stakeholders identified a significant number of issues where there are substantive differences from the position of Aurizon Network as outlined in the 2013 DAU.

Submissions in response to Aurizon Network's revised submission

In November 2013, Aurizon Network provided its response to stakeholders' submissions on its 2013 DAU (updated proposal). The updated proposal sought to address a number of concerns and issues raised in the stakeholder submissions. It also provided an indication of where Aurizon Network was willing to move from its original 2013 DAU proposal in response to its ongoing consultations with stakeholders.

In January 2014, we received submissions from eight interested parties in response to Aurizon Network's updated proposal. These are published on our website. In these, stakeholders still considered there are substantive differences from the position of Aurizon Network outlined in the 2013 DAU.

WACC Forum

In December 2013, we hosted a WACC Forum in our office that focused on two issues, namely:

- aspects of our methodological review of our approach to setting the WACC for regulatory decisions

¹⁰⁰² The consultation paper focused on where Aurizon Network had proposed new approaches or where it appeared to have sought to alter existing rights, obligations and responsibilities, compared with the 2010 access undertaking.

- our assessment of Aurizon Network's 2013 DAU.

We engaged consultants, Dr Martin Lally (Victoria University of Wellington) and Dr Michael Lawriwsky (Incenta Economic Consulting) to assist in both matters. At the forum, Dr Lally and Dr Lawriwsky presented technical papers, which can be found on our website.

We received submissions from five interested parties in response to the forum and the associated papers.

Consultants' reports

As part of our assessment of the 2013 DAU, we engaged consultants Sinclair Knight Merz (now Jacobs) and RSM Bird Cameron to review Aurizon Network's operating and maintenance cost claims for the proposed 2013 DAU regulatory period.

On 29 January 2014, we published the two consultants' reports relating to these cost elements of the UT4 proposal on our website.

Submissions on the consultants' reports were initially due by 17 February 2014, but we agreed to extend the due date to 7 March 2014, after receiving a request from the QRC to extend the deadline.

In April 2014, we received submissions from five interested parties in response to the consultants' reports.

Submissions and reports received

The table below shows a list of submissions and reports received on the 2013 DAU, that has been referred to in our position paper.

Table 4 Submissions and reports received on the 2013 DAU

<i>Organisation/individual</i>	<i>Submission number</i>
Aurizon Network*	2013DAU 1–36*, 77**, 100–105, 109, 115–116, 118–119
Anglo American	2013DAU 39, 78–81, 93
Asciano Limited (Asciano)	2013DAU 43–45, 82, 112
BHP Billiton Mitsubishi Alliance (BMA) and BHP Billiton Mitsui Coal (BMC)	2013DAU 40–41, 108, 114
Freightliner Australia Pty Ltd (Freightliner)	2013DAU 75
Glencore Xstrata (Glencore)	2013DAU 74, 83
Peabody Energy Incorporated (Peabody)	2013DAU 37
Queensland Resources Council (QRC)	2013DAU 46–71, 84–89, 106–107, 110–111, 117
Queensland Treasury Corporation (QTC)	2013DAU 96, 97
Rio Tinto Coal Australia (Rio Tinto) (RTCA)	2013DAU 72–73, 90
Stanwell Corporation Limited (Stanwell)	2013DAU 38
Vale	2013DAU 42, 91, 113
Wesfarmers Curragh Pty Ltd (Wesfarmers)	2013DAU 76, 92
Unitywater	2013DAU 98
DBCT Management (DBCTM)	2013DAU 95
Asia Pacific Strategy	2013DAU 94

**Claims of confidentiality have been made for part or all of these submissions. **Response to stakeholders' submissions.*

Aurizon Network's submissions

Aurizon Network

The 2013 Access Undertaking Explanatory Material: Volume 1—Overview and Summary. April 2013 (sub. no. 1).

The 2013 Access Undertaking Explanatory Material: Volume 2—The 2013 Access Undertaking Proposal. April 2013 (sub. no. 2).

The 2013 Access Undertaking Explanatory Material: Volume 3—MAR and Reference Tariffs. April 2013 (sub. no. 3).

The 2013 Access Undertaking Explanatory Material: Volume 4—Maintenance. April 2013 (sub. no. 4).

The 2013 Access Undertaking Explanatory Material: Volume 4—Maintenance. April 2013 [CONFIDENTIAL] (sub. no. 37).

The 2013 Access Undertaking Explanatory Material: Annex A, SFG Consulting—Testing the Reasonableness of the Regulatory Allowance for the Return on Equity, 11 March 2013 (sub. no. 5).

The 2013 Access Undertaking Explanatory Material: Annex B, SFG Consulting—Systemic risk of QR Network, 31 August 2012 (sub. no. 6).

The 2013 Access Undertaking Explanatory Material: Annex C, SFG Consulting—Term to Maturity of the Risk Free Rate Estimate in the Regulated Return, 29 August 2012 (sub. no. 7).

The 2013 Access Undertaking Explanatory Material: Annex D, SFG Consulting—Estimating Gamma, 25 January 2012 (sub. no. 8).

The 2013 Access Undertaking Explanatory Material: Annex E, Value Adviser Associates—Review of Debt Risk Premium and Market Risk Premium, February 2013 (sub. no. 9).

The 2013 Access Undertaking Explanatory Material: Annex F, Synergies—Aurizon Network's Commercial and Regulatory Risks, April 2013 (sub. no. 10).

The 2013 Access Undertaking Explanatory Material: Annex G, Ernst & Young—Benchmarking Corporate Overhead Costs for QR Network Pty Ltd, July 2012 (sub. no. 11).

The 2013 Access Undertaking Explanatory Material: Annex H [CONFIDENTIAL], Finity—Review of Self Insurance Risk Premium – Access Undertaking UT4, March 2013 (sub. no. 12).

The 2013 Access Undertaking Explanatory Material: Annex I, Willis—Expert Opinion on the Cost of Insurance Premiums for Purposes of the Aurizon Network Access Undertaking 2013 (sub. no. 13).

The 2013 Access Undertaking Explanatory Material: Annex J, Deloitte—Aurizon Network: Proposed Standard User Funding Agreement Risk Assessment, April 2013 (sub. no. 14).

The 2013 Access Undertaking Explanatory Material: Annex K, Evans & Peck—Aurizon Network's Ballast Contamination Scoping Study, March 2013 (sub. no. 15).

The 2013 Access Undertaking Explanatory Material: Annex L, Sapere Research Group—Review of Cost Allocation Methodology and Treatment of Mine Specific Infrastructure, 11 January 2013 (sub. no. 16).

The 2013 Access Undertaking Explanatory Material: Annex M, Sapere—Economic Analysis of Revised Aurizon DAAU for Electric Infrastructure (sub. no. 17).

The 2013 Access Undertaking Explanatory Material: Annex N, Evans and Peck—Operating and Maintenance Costs: Investigation and Benchmarking—Final Report, October 2012 (sub. no. 18).

The 2013 Access Undertaking Explanatory Material: Annex O [CONFIDENTIAL], QR National Central Queensland Coal Network: Tonnage Profile, 4 March 2013 (sub. no. 19).

- The 2013 Access Undertaking Explanatory Material: Annex P, Worley Parsons and Transportation Technology Centre—UT3 Parallel Comparison Exercise—Consultant’s Report, 18 August 2008 (sub. no. 20).
- The 2013 Access Undertaking Explanatory Material: Annex Q, Worley Parsons—Life Asset Register Benchmark, 18 August 2008 (sub. no. 21).
- The 2013 Access Undertaking Explanatory Material: Annex R, Worley Parsons—Marginal Costs Variabilities—Contemporary and Accepted Theorems, 18 August 2008 (sub. no. 22).
- The 2013 Access Undertaking Explanatory Material: Annex S, Worley Parsons—Queensland Railways Maintenance Variability: Coal Network Cost Variability with Traffic Density, 18 August 2008 (sub. no. 23).
- The 2013 Access Undertaking Explanatory Material: Annex T, Worley Parsons—Optimising Locations of Maintenance Depots: for the Queensland Rail Network, 18 August 2008 (sub. no. 24).
- The 2013 Access Undertaking Explanatory Material: Annex U, Worley Parsons—Comments on Service Level Specifications for Rail Infrastructure Maintenance: Central Queensland Coal Region, 18 August 2008 (sub. no. 25).
- The 2013 Access Undertaking Explanatory Material: Annex V, Worley Parsons—Benchmark Heavy Haul Lines: International and National Comparison, 18 August 2008 (sub. no. 26).
- The 2013 Access Undertaking Explanatory Material: Annex W, Worley Parsons—Northern Queensland Coal Network Systems: Site Visit Record: May 2008, 18 August 2008 (sub. no. 27).
- The 2013 Access Undertaking Explanatory Material: Annex X, [CONFIDENTIAL], QR National—Key Personnel, 4 March 2013 (sub. no. 28).
- The 2013 Access Undertaking Explanatory Material: Annex Y, QR National—Central Queensland Coal Network and System Maps, 9 October 2012 (sub. no. 29).
- The 2013 Access Undertaking Explanatory Material: Annex Z, QR National—Legislation Affecting QR Network, 4 March 2013 (sub. no. 30).
- The 2013 Access Undertaking Explanatory Material: Annex AA, QR National Network Services—Safety Alert Examples, various 2012 (sub. no. 31).
- The 2013 Access Undertaking Explanatory Material: Annex AB, Aurizon—Critical Asset Calendar, February 2013 (sub. no. 32).
- The 2013 Access Undertaking Explanatory Material: Annex AC, [FOR PUBLICATION] QR National—Ballast Fouling, 4 March 2013 (sub. no. 33).
- The 2013 Access Undertaking Explanatory Material: Annex AD, QR National Networks—UT4 Maintenance—2012 Assessment Survey to Ports and Mines—Results, 12 June 2012 (sub. no. 34).
- The 2013 Access Undertaking Explanatory Material: Annex AE, [FOR PUBLICATION] Deloitte Access Economics—Estimate of QR Network Maintenance Services Overheads, 1 November 2012 (sub. no. 35).
- The 2013 Access Undertaking Explanatory Material: Annex AF [FOR PUBLICATION], BIS Shrapnel—Maintenance Cost Escalation Forecasts to 2017—Draft Report, September 2012 (sub. no. 36).
- The 2013 Access Undertaking Explanatory Material: UT4 ‘Coal System Aggregate’ Model—December 2013
- The 2013 Access Undertaking Explanatory Material: Aurizon Network Letter—Replacement Annex G—October 2013
- The 2013 Access Undertaking: Response to Stakeholders’ Submissions, November 2013 (sub. no. 77).
- Supplementary Report to the QCA—Maintenance Cost Index, March 2014 (sub. no. 116).

June 2014, Aurizon Network Assets Information Sharing Management of Ballast and Asset Matters, 11 March (sub. no. 119).

Stakeholders' submissions

Anglo American

Submission to Queensland Competition Authority: Aurizon Network's 2013 Draft Amending Access Undertaking (UT4), October 2013 (sub. no. 39).

Asciano Limited (Asciano)

Submission to the Queensland Competition Authority in Relation to the 2013 Aurizon Network Draft Access Undertaking, October 2013 (sub. no. 43).

Attachment 2: Major Changes in Wording or Concept Between the 2010 AU and the 2013 DAU Including Asciano Comment on These Changes, October 2013 (sub. no. 44).

Attachment 3: Major Changes in Wording or Concept Between the 2013 QCA Approved TOA and the TOA Attached to the 2013 DAU Including Asciano Comment on These Changes, October 2013 (sub. no. 45).

BHP Billiton Mitsubishi Alliance (BMA) and BHP Billiton Mitsui Coal (BMC)

Letter to the QCA, October 2013 (sub. no. 40).

Issues and Concerns with Aurizon Network's (AN's) 2013 Draft Amending Undertaking (DAU), October 2013 (sub. no. 41).

Freightliner Australia Pty Ltd (Freightliner)

Aurizon Network 2013 DAU, October 2013 (sub. no. 75).

Glencore Xstrata (Glencore)

Aurizon Network's 2013 Draft Access Undertaking (UT4), October 2013 (sub. no. 74).

Peabody Energy Incorporated (Peabody)

Submission to the QCA—Aurizon Network 2013 Draft Access Undertaking, October 2013 (sub. no. 37).

Queensland Resources Council (QRC)

Main Submission, October 2013 (sub. no. 46).

Intent and Scope, Industry Mark-up, October 2013 (sub. no. 47).

Ringfencing, Industry Mark-up, October 2013 (sub. no. 48).

Ultimate Holding Company Deed, Industry Mark-up, October 2013 (sub. no. 49).

Confidentiality Deed, Template, October 2013 (sub. no. 50).

Negotiation Framework, Industry Mark-up, October 2013 (sub. no. 51).

Access Agreement: Coal, Industry Mark-up, October 2013 (sub. no. 52).

Pricing Principles, Industry Mark-up, October 2013 (sub. no. 53).

Available Capacity Allocation and Management, Industry Mark-up, October 2013 (sub. no. 54).

Network Development and Expansions, Industry Mark-up, October 2013 (sub. no. 55).

Study Funding Agreement, August 2013 (sub. no. 56).

Tax Ruling, October 2013 (sub. no. 57).

Network Development and Expansions, Comparison to Submission Version, October 2013 (sub. no. 58).

Connecting Private Infrastructure, Industry Mark-up, October 2013 (sub. no. 59).

Reporting, Industry Mark-up, October 2013 (sub. no. 60).

Dispute Resolution and Decision Making, Industry Mark-up, October 2013 (sub. no. 61).

Schedule E: Regulatory Asset Base, Industry Mark-up, October 2013 (sub. no. 62).

Schedule F: Reference Tariff, Industry Mark-up, October 2013 (sub. no. 63).

WACC Submission, October 2013 (sub. no. 64).

McKenzie, M and Partington, G, Report to Queensland Resources Council, Review of Aurizon Network's Draft Access Undertaking, October 2013 (sub. no. 65).

Castalia, Report to Queensland Resources Council, Aurizon Access Undertaking: Risk Allocation Analysis, October 2013 (sub. no. 66).

Operating Expenditure, October 2013 (sub. no. 67).

Maintenance, October 2013 (sub. no. 68).

Capital Indicator, October 2013 (sub. no. 69).

Ballast Fouling, October 2013 (sub. no. 70).

Depreciation Methodology, October 2013 (sub. no. 71).

Rio Tinto Coal Australia (Rio Tinto) (RTCA)

Letter to the QCA, October 2013 (sub. no. 72).

Submission to the Queensland Competition Authority in Response to Aurizon Network Proposed 2013 Draft Access Undertaking (UT4), October 2013 (sub. no. 73).

Stanwell Corporation Limited (Stanwell)

Aurizon Network—2013 Draft Access Undertaking, October 2013 (sub. no. 38).

Vale

Aurizon Network's 2013 Draft Access Undertaking (UT4), October 2013 (sub. no. 42).

Wesfarmers Curragh Pty Ltd (Wesfarmers)

Submission in Response to UT4, October 2013 (sub. no. 76).

[Response to Aurizon Network's response to stakeholders' submissions](#)

Anglo American

Submission to Queensland Competition Authority: Aurizon Network's Reply Submission on the 2013 Draft Amending Access Undertaking (UT4), January 2014 (sub. no. 78).

Schedule 1: Proposed drafting of Part 6, Part 7 and Schedule H, January 2014 (sub. no. 79).

Schedule 2: Proposed drafting of Part 8, January 2014 (sub. no. 80).

Schedule 3: Explanatory Notes on Network Management Principles, January 2014 (sub. no. 81).

Asciano Limited (Asciano)

Submission to the QCA Regarding the Aurizon Network November 2013 Response to Stakeholder Submissions to the QCA in Relation to the Aurizon Network 2013 Draft Access Undertaking, January 2014 (sub. no. 82).

Glencore Xstrata (Glencore)

Submission on Aurizon Network's Response to Stakeholders' Submissions, January 2014 (sub. no. 83).

Queensland Resources Council (QRC)

Submission on Aurizon Network's Response to Industry, January 2014 (sub. no. 84).

Annexure A – Detailed Response to Undertaking and Schedules (volume 1), January 2014 (sub. no. 85).

Annexure B – Detailed Response on Standard Agreements, January 2014 (sub. no. 86).

Annexure C – QRC's Response to Aurizon Network's Partial Update of Part 8, January 2014 (sub. no. 87).

Annexure D – QRC Mark-Up of Aurizon Network's Revised Part 8 Drafting, January 2014 (sub. no. 88).

Annexure E – QRC's Table of Omissions, January 2014 (sub. no. 89).

Letter to QCA – Revised Part 11 Response – January 2014

Revised Response Part 11 – January 2014

Rio Tinto Coal Australia (Rio Tinto) (RTCA)

Supplementary Submission to UT4, January 2014 (sub. no. 90).

Vale

Aurizon Network Pty Ltd – 2013 Draft Access Undertaking (UT4): Response to Stakeholder Submissions, January 2014 (sub. no. 91).

Wesfarmers Curragh Pty Ltd (Wesfarmers)

Submission in Response to Aurizon Network's Response to Industry (UT4), January 2014 (sub. no. 92).

BHP Billiton Mitsubishi Alliance (BMA) and BHP Billiton Mitsui Coal (BMC)

Aurizon Network's Response to Stakeholder Submissions on the 2013 Draft Access Undertaking, January 2014 (sub. no. 108).

WACC submissions

Anglo American

Submission in Relation to the WACC Consultation Papers and WACC Forum, January 2014 (sub. no. 93).

Asia Pacific Strategy

Royalty, Powerpoint Presentation, January 2014 (sub. no. 94).

DBCT Management (DBCTM)

Aurizon Network: Regulatory Capital Structure, January 2014 (sub. no. 95).

Queensland Treasury Corporation (QTC)

Risk Free Rate and MRP Submission, with Letter, January 2014 (sub. no. 96).

Cost of Debt Submission, with Letter, January 2014 (sub. no. 97).

Unitywater

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GLOSSARY

2010 AU	Aurizon Network's current Access Undertaking, approved by the QCA on 1 October 2010, together with any subsequent changes approved by the QCA
2013 DAU	Aurizon Network's 2013 Draft Access Undertaking, submitted on 30 April 2013, withdrawn on 11 August 2014
2013 SUFA DAAU	Aurizon Network's 2013 Standard User Funding Agreement (SUFA) Draft Amending Access Undertaking, submitted on 22 July 2013
2014 DAU	Aurizon Network's 2014 Draft Access Undertaking, submitted on 11 August 2014 and replacing the 2013 DAU

A

AA	Access Agreement
ABS	Australian Bureau of Statistics
AER	Australian Energy Regulator
AFD	Access Facilitation Deed
AHAA	Access Holder Access Agreement
Alternative Form of Agreement	Alternative Form of Standard Access Agreement, which collectively includes the two stapled agreements – the EUAA and the TOA
AMP	Asset Management Plan
APCT	Abbot Point Coal Terminal
ARTC	Australian Rail Track Corporation
ATO	Australian Taxation Office
Aurizon Group	The Group of Companies held by Aurizon Holdings Limited, which includes Aurizon Network Pty Ltd
Aurizon Holdings	Aurizon Holdings Limited
Aurizon Network	The below rail infrastructure business (formerly known as QR Network Pty Ltd) which owns and operates the below rail network in the CQCR and is responsible for negotiating access with parties seeking to use its rail network
AWOTE	Average Weekly Ordinary Time Earnings

B

BMA	BHP Billiton Mitsubishi Alliance
BRTT	Below rail transit times

C

CAAC	Critical Asset Alignment Calendar
CACS	Critical Asset Constraint Summary
CAPEX	Capital Expenditure
CAPM	Capital Asset Pricing Model
CCA	<i>Competition and Consumer Act 2010 (Cwlth)</i>
CCC	Contribution to common costs
CDMP	Coal Dust Management Plan

CLMPs	Coal Loss Mitigation Provisions
CPI	Consumer Price Index
CQCN	Central Queensland Coal Network
CQCR	Central Queensland Coal Region
CQSCM	Central Queensland System Capacity Model
CRIMP	Coal Rail Infrastructure Master Plan

D

DAAU	Draft Amending Access Undertaking
DBCC	Dalrymple Bay Coal Chain
DBCT	Dalrymple Bay Coal Terminal
DCCC	Dalrymple Bay Coal Chain Coordinator
DORC	Depreciated Optimised Replacement Cost
DSDIP	(former) Department of State Development, Infrastructure and Planning (Queensland)—now Department of State Development
DTP	Daily Train Plan

E

EC	Electric Energy Charge
egtk	electric gross tonne kilometre
ERA	Economic Regulation Authority of Western Australia
ESC	Essential Services Commission of Victoria
EUAA	End User Access Agreement

F

FTE	full-time equivalent
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G

GAP	Gooniyella to Abbot Point
GAPE	Gooniyella to Abbot Point Expansion
GPC	Gladstone Ports Corporation
GRV	Gross Replacement Value
gtk	gross tonne kilometre

H

HPSCT	Hay Point Services Coal Terminal
HVCCC	Hunter Valley Coal Chain Coordinator
HVCN	Hunter Valley Coal Network

I

IAP	Indicative Access Proposal
IDC	Interest During Construction
IPART	Independent Pricing and Regulatory Tribunal
IRMP	Interface Risk Management Plan
ITP	Intermediate Train Plan

J

K

L

M

MAR	Maximum Allowable Revenue
MCI	Maintenance Cost Index
MRC	Minimum Revenue Contribution
MSI	mine-specific infrastructure
mt	million tonnes
MTP	Master Train Plan
mtpa	million tonnes per annum

N

NAMS	Network Asset Management System
NAP	Newlands to Abbot Point
NAPE	Newlands to Abbot Point Expansion
NCC	National Competition Council
NDP	Network Development Plan
NER	National Electricity Rules
NMP	Network Management Principles
NOPP	Network Operations Pathing Planner
NPV	net present value
nt	net tonne
ntk	net tonne kilometre

O

OLS	Ordinary Least Squares
OTCI	Overall Track Condition Index

P

PCA	Provisional Capacity Allocation
PIO	Private Infrastructure Owner
PTRM	Post Tax Revenue Model
PWCS	Port Waratah Coal Services

Q

QCA	<i>Queensland Competition Authority</i>
QCA Act	<i>Queensland Competition Authority Act 1997</i>

QR	Queensland Rail Limited
QR Network	the subsidiary of QR which was established in 2008 to own and manage the CQCN, now Aurizon Network
QRC	Queensland Resources Council

R

RAB	Regulatory Asset Base
RCG	Rail Capacity Group
RFP	Request For Proposals
RSMBC	RSM Bird Cameron
RTCA	Rio Tinto Coal Australia
RTI	<i>Right to Information Act 2009</i> (Qld)
Rtp	Reference train path

S

SAA	the Standard Access Agreements set out in Volume 3 of the 2014 DAU
SAR	System Allowable Revenue
SFA	Study Funding Agreement
SKM	Jacobs SKM
SOAA	Standard Operator Access Agreement
SOP	System Operating Parameters
SRCA	Standard Rail Connection Agreement
STP	Strategic Train Plan
SUFA	Standard User Funding Agreement

T

TAR	Total Access Revenue
TFL	Transfer Facilities Licence
TSE	Train Service Entitlement
TOA	Train Operations Agreement
TOD	Train Operations Deed

U

ULLS	Unconditioned local loop service
UT1	the period from 2001 to 2006, being the term of QR's first access undertaking covering the CQCN
UT2	the period from 2006 to 2010, being the term of QR's second access undertaking covering the CQCN
UT3	the period from 2010 to 2015, being the term of the 2010 Access Undertaking (as extended), being the third access undertaking covering the CQCN
UT4	the four-year period commencing 1 July 2013, being the proposed term of the 2014 Access Undertaking, which will be the fourth access undertaking covering the CQCN
UT5	the undertaking period following the conclusion of UT4, noting UT5 has yet to be proposed by Aurizon Network

V

W

WACC	weighted average cost of capital
WAML	Weighted Average Mine Lives
WICET	Wiggins Island Coal Export Terminal
WIRP	Wiggins Island Rail Project
WPI	Wage Price Index

X

Y

Z

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