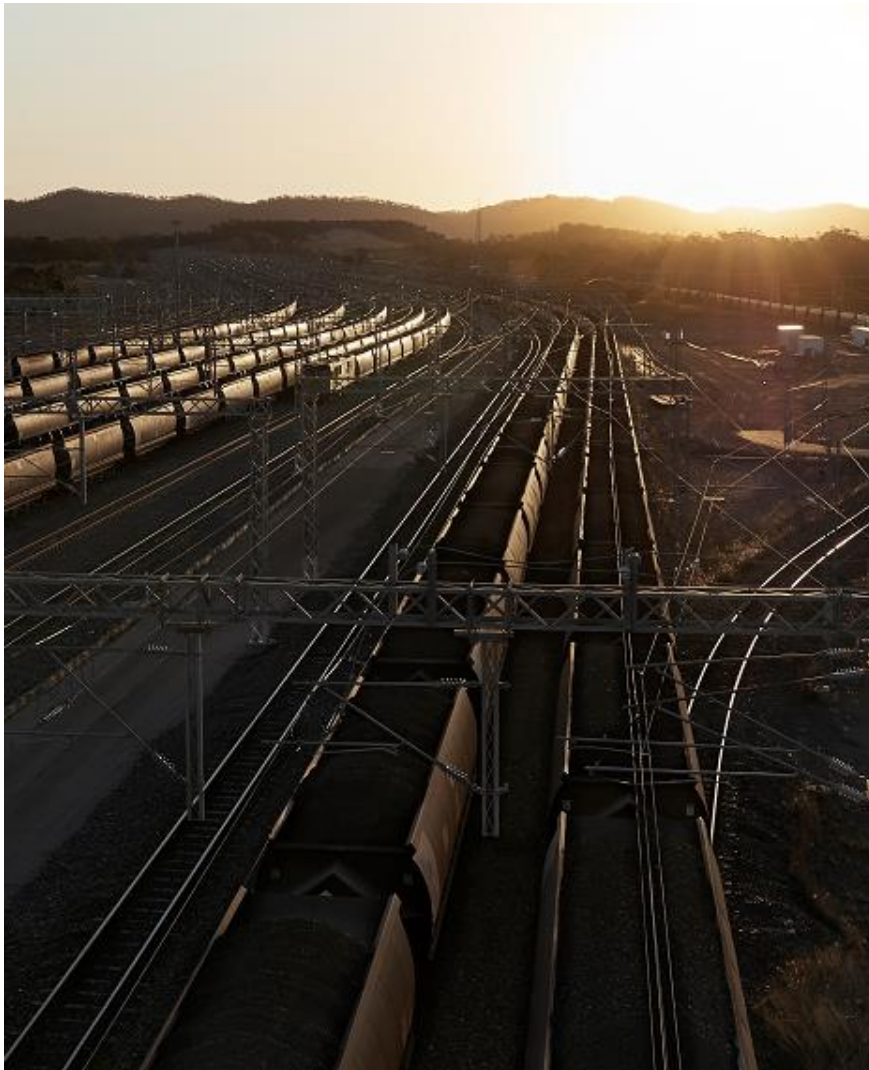


Aurizon Network Public Quarterly Performance Report

**3rd Quarter 2018/19
January - March 2019**



Aurizon Network Performance Measures - Q3 2018/19 Data

This report is published in compliance with Aurizon Network's obligations under clause 10.3.4 of its 2017 Access Undertaking.

Performance Measure 1 – Clause 10.3.4(b)(i)-(ii)

	On Time Performance	Coal										Bulk Minerals & Freight		Long Distance Passenger		
		Blackwater		Goonyella		Moura		New lands		GAPE		#	%	#	%	
		#	%	#	%	#	%	#	%	#	%					
Jan 2019	Services that reach their destination on time	1,104	47.81%	1,090	34.84%	233	36.58%	199	45.12%	262	37.97%	254	45.20%	104	82.54%	
	Services that do not reach their destination on-time	Due primarily Aurizon Network	439	19.01%	869	27.77%	119	18.68%	88	19.95%	159	23.04%	39	6.94%	2	1.59%
		Due primarily Railway Operator	404	17.50%	805	25.73%	192	30.14%	76	17.23%	150	21.74%	91	16.19%	7	5.56%
		Due primarily to other matters	362	15.68%	365	11.67%	93	14.60%	78	17.69%	119	17.25%	178	31.67%	13	10.32%
Feb 2019	Services that reach their destination on time	731	38.86%	930	35.50%	116	25.61%	74	36.27%	107	31.01%	210	37.77%	75	77.32%	
	Services that do not reach their destination on-time	Due primarily Aurizon Network	331	17.60%	629	24.01%	184	40.62%	33	16.18%	74	21.45%	52	9.35%	0	0.00%
		Due primarily Railway Operator	531	28.23%	715	27.29%	93	20.53%	35	17.16%	100	28.99%	94	16.91%	9	9.28%
		Due primarily to other matters	288	15.31%	346	13.21%	60	13.25%	62	30.39%	64	18.55%	200	35.97%	13	13.40%
Mar 2019	Services that reach their destination on time	883	40.17%	1,091	38.98%	100	19.84%	215	37.01%	185	29.84%	301	47.33%	82	69.49%	
	Services that do not reach their destination on-time	Due primarily Aurizon Network	415	18.88%	448	16.01%	225	44.64%	91	15.66%	90	14.52%	67	10.53%	7	5.93%
		Due primarily Railway Operator	466	21.20%	757	27.05%	109	21.63%	139	23.92%	236	38.06%	88	13.84%	14	11.86%
		Due primarily to other matters	434	19.75%	503	17.97%	70	13.89%	136	23.41%	109	17.58%	180	28.30%	15	12.71%

Performance Measure 2 – Clause 10.3.4(b)(iii)

	Total Number of Train Services	Coal					Bulk Minerals & Freight	Long Distance Passenger
		Blackwater	Goonyella	Moura	New lands	GAPE		
Jan 19	Train services for January 2019	2,309	3,129	637	441	690	562	126
Feb 19	Train services for February 2019	1,881	2,620	453	204	345	556	97
Mar 19	Train services for March 2019	2,198	2,799	504	581	620	636	118

Performance Measure 3 – Clause 10.3.4(c)

	Transit Time Delay Variance (Minutes per 100 Train KMs)	Coal					Bulk Minerals & Freight	Long Distance Passenger
		Blackwater	Goonyella	Moura	New lands	GAPE		
Jan 19	Delays attributable to Aurizon Network	-1.75	14.05	5.08	-13.99	-9.36	6.72	-1.60
	Delays attributable to Railway Operators	8.35	16.01	22.30	10.79	14.26	12.42	0.30
	Unallocated delays	0.31	2.27	1.77	56.17	43.90	38.48	0.52
Feb 19	Delays attributable to Aurizon Network	1.58	9.85	22.30	1.68	0.42	7.93	-2.00
	Delays attributable to Railway Operators	15.30	17.21	11.15	14.16	26.09	22.48	1.37
	Unallocated delays	-0.50	1.59	-7.33	26.23	27.77	45.08	1.54
Mar 19	Delays attributable to Aurizon Network	2.13	4.73	23.85	-0.43	-4.15	6.49	-0.21
	Delays attributable to Railway Operators	9.03	15.06	18.78	30.37	35.40	10.97	1.61
	Unallocated delays	0.35	10.81	-10.26	32.89	16.46	28.43	0.53

Performance Measure 4 – Clause 10.3.4(d)

	Train Cancellations	Coal										Bulk Minerals & Freight		Long Distance Passenger	
		Blackwater		Goonyella		Moura		New lands		GAPE		#	%	#	%
		#	%	#	%	#	%	#	%	#	%				
Jan 19	Cancellations attributable to Aurizon Network	49	1.96%	91	2.41%	6	0.84%	16	2.90%	9	1.04%	0	0.00%	0	0.00%
	Cancellations attributable to Railway Operators	100	4.00%	273	7.23%	50	6.97%	32	5.80%	44	5.09%	192	24.62%	0	0.00%
	Unallocated cancellations	41	1.64%	284	7.52%	24	3.35%	63	11.41%	121	14.00%	26	3.33%	4	3.08%
Feb 19	Cancellations attributable to Aurizon Network	56	2.50%	48	1.48%	11	2.01%	6	1.27%	6	0.79%	0	0.00%	0	0.00%
	Cancellations attributable to Railway Operators	265	11.84%	291	8.96%	68	12.45%	59	12.53%	73	9.58%	108	14.98%	0	0.00%
	Unallocated cancellations	36	1.61%	290	8.93%	14	2.56%	202	42.89%	338	44.36%	57	7.91%	19	16.38%
Mar 19	Cancellations attributable to Aurizon Network	26	1.08%	27	0.73%	9	1.40%	6	0.78%	11	1.34%	0	0.00%	0	0.00%
	Cancellations attributable to Railway Operators	63	2.61%	198	5.35%	62	9.64%	77	10.07%	73	8.88%	126	15.59%	0	0.00%
	Unallocated cancellations	125	5.18%	678	18.31%	68	10.58%	101	13.20%	118	14.36%	46	5.69%	8	6.35%

Performance Measure 5 – Clause 10.3.4(e)

	Major reportable safety incidents reported to the Safety Regulator	Blackwater	Goonyella	Moura	New lands	GAPE
Jan 19	Number of instances	0	0	0	0	0
Feb 19	Number of instances	0	0	0	0	0
Mar 19	Number of instances	0	2	0	0	0

Performance Measure 6 – Clause 10.3.4(f)(i)

	Temporary Speed Restrictions	Blackwater	Goonyella	Moura	New lands	GAPE
Jan 19	Average track under temporary restriction (km)	62.2	21.7	36.4	0.9	0.0
	Average track under temporary restriction (%)	4.47%	1.84%	12.02%	0.32%	0.00%
Feb 19	Average track under temporary restriction (km)	49.7	32.4	48.7	1.0	0.0
	Average track under temporary restriction (%)	3.57%	2.75%	16.04%	0.38%	0.00%
Mar 19	Average track under temporary restriction (km)	51.0	23.0	45.0	2.7	0.0
	Average track under temporary restriction (%)	3.66%	1.95%	14.82%	0.97%	0.00%

Performance Measure 7 – Clause 10.3.4(f)(ii)

	Overall Track Condition Index	Blackwater	Goonyella	Moura	New lands
Jan 19	Monthly Track Condition Index	29.94	27.82	27.82	25.81
Feb 19	Monthly Track Condition Index	29.96	27.82	32.54	25.81
Mar 19	Monthly Track Condition Index	29.96	27.82	32.54	25.81

Performance Measure 8 – Clause 10.3.4(g)(i)-(iv)

	Coal Carrying Train Service Performance ('000)	Coal				
		Blackwater	Goonyella	Moura	New lands	GAPE
Jan 19	Gross Tonne Kilometres (GTK)	3,387,346	3,515,438	376,264	208,348	794,744
	Net Tonnes (NT)	5,826	10,939	1,460	1,006	1,558
	Net Tonne Kilometres (NTK)	2,123,249	2,205,168	235,727	129,123	492,406
	Electric Gross Tonne Kilometres (EGTK)	2,712,122	3,273,568	0	0	0
Feb 19	Gross Tonne Kilometres (GTK)	2,659,013	2,938,249	260,329	104,427	397,993
	Net Tonnes (NT)	4,585	8,875	1,036	483	764
	Net Tonne Kilometres (NTK)	1,653,269	1,840,048	162,960	64,914	246,037
	Electric Gross Tonne Kilometres (EGTK)	2,060,507	2,730,476	0	0	0
Mar 19	Gross Tonne Kilometres (GTK)	3,189,450	3,062,112	274,549	264,227	714,863
	Net Tonnes (NT)	5,421	9,630	1,097	1,251	1,381
	Net Tonne Kilometres (NTK)	1,976,952	1,918,556	171,299	163,698	441,989
	Electric Gross Tonne Kilometres (EGTK)	2,548,938	2,872,713	0	0	0

Performance Measure 9 – Clause 10.3.4(g)(v)

	Below Rail Transit Time %	Coal				
		Blackwater	Goonyella	Moura	New lands	GAPE
Jan 19	Average BRTT % for January 2019	105.24%	112.08%	123.95%	125.76%	128.46%
Feb 19	Average BRTT % for February 2019	107.66%	112.33%	131.22%	126.49%	120.81%
Mar 19	Average BRTT % for March 2019	107.69%	103.10%	129.94%	128.31%	123.48%

	Coal Train Paths	Coal			
		Blackwater	Goonyella	Moura	New lands (inc GAPE)
January 2019	Train paths available for coal carrying services	3,092	2,798	940	1,360
	Train paths contracted for coal carrying services	1,347	2,184	384	1,129
	Train paths scheduled by coal carrying services	1,666	2,518	478	944
	Train paths used by coal carrying services	1,549	2,101	425	757
	Train paths used for planned maintenance	772	150	52	128
	Train paths used for unplanned maintenance	116	2	0	0
	Trains paths available but not used (%)	49.90%	24.91%	54.79%	44.34%
February 2019	Train paths available for coal carrying services	2,432	2,440	770	1,188
	Train paths contracted for coal carrying services	1,357	2,228	384	1,129
	Train paths scheduled by coal carrying services	1,492	2,166	364	822
	Train paths used by coal carrying services	1,274	1,761	303	369
	Train paths used for planned maintenance	1,086	72	126	156
	Train paths used for unplanned maintenance	52	0	0	0
	Trains paths available but not used (%)	47.62%	27.83%	60.65%	68.94%
March 2019	Train paths available for coal carrying services	2,698	2,844	852	1,362
	Train paths contracted for coal carrying services	1,387	2,228	384	1,129
	Train paths scheduled by coal carrying services	1,608	2,468	429	1,058
	Train paths used by coal carrying services	1,478	1,881	337	806
	Train paths used for planned maintenance	1,182	160	140	116
	Train paths used for unplanned maintenance	42	0	0	0
	Trains paths available but not used (%)	45.22%	33.86%	60.45%	40.82%

Performance Measure 12 – Clause 10.3.4(i)

Contested Train Paths	Blackwater			Goonyella			Moura			New lands			GAPE		
	Jan 19	Feb 19	Mar 19	Jan 19	Feb 19	Mar 19	Jan 19	Feb 19	Mar 19	Jan 19	Feb 19	Mar 19	Jan 19	Feb 19	Mar 19
Number of contests	72	79	45	7	57	18	0	0	0	1	11	20	2	11	11
Contested Train Path Principles Schedule G Clause 8.3	Blackwater			Goonyella			Moura			New lands			GAPE		
	Jan 19	Feb 19	Mar 19	Jan 19	Feb 19	Mar 19	Jan 19	Feb 19	Mar 19	Jan 19	Feb 19	Mar 19	Jan 19	Feb 19	Mar 19
Clause 8.3 (i)	11%	8%	13%		7%										
Clause 8.3 (ii)	72%	71%	58%	100%	79%	100%				100%	55%	100%	100%	64%	100%
Clause 8.3 (iii)															
Clause 8.3 (iv)	6%	8%	11%		2%						36%				
Clause 8.3 (v)	8%	4%			4%										
Clause 8.3 (vi)	3%	10%	18%		9%						9%			36%	
Clause 8.3 (vii)															
Clause 8.3 (viii)															
Clause 8.3 (ix)															

Notes:

- (a) Agreed Allotted Time Thresholds for On-Time Arrival at destination are;
- 30 minutes for coal services
 - 60 minutes for bulk minerals (other than coal) and freight services
 - 30 minutes for long distance passenger services.

The performance measures contained in this report, have been prepared in accordance with clause 10.3.4 of the 2017 Access Undertaking.

Performance Measures

Performance Measure 1 – Clause 10.3.4(b)(i-ii):

On Time Running – Information on the number and reliability of Train Services that have operated each Month in the relevant quarter

This performance measure reports the number and percentage of Train Services that reach their destination point within the allotted time threshold. Train Services that reach their destination point not On Time includes any services terminated during their journey.

Each train service is scheduled to undertake its journey at a specified time. The schedule for all train services on a particular day is called the Daily Train Plan (DTP).

This indicator demonstrates the condition of a service at the completion of its journey and does not consider if a service has changed from on time to late or vice versa during its journey.

Services that do not reach their destination on time (i.e. within the Allotted Time Threshold) are classified by responsibility into one of three groups: cause attributed primarily to Aurizon Network, cause attributed primarily to the Railway Operator or thirdly, cause unallocated or not primarily attributable to Aurizon Network or the Railway Operator.

The cancellation reason for a terminated service will be sorted accordingly by the same responsibility category.

Performance Measure 2 – Clause 10.3.4(b)(iii):

Total Number of Train Services – the total number of train services run each Month in the relevant quarter

This performance measure reports the total number of Train Services run in the Subject Quarter. It is the combined total of Train Services that arrive On Time and Train Services that arrive not On Time.

Performance Measure 3 – Clause 10.3.4(c)(i-iii):

Transit Time Delay – Information on the transit time delay of Train Services that have operated each Month in the relevant quarter

This performance measure reports the average delay of train services. Delays include any variance to schedule. The delay is divided by 100 train kilometres in recognition that a 10 minute delay would be more significant to a short train journey than, for example, a two day train journey. Dividing the delay by 100 train kilometres enables this measure to take account of journey distance.

This indicator covers delays attributed to Above Rail Delays, Below Rail Delays and Unallocated Delays.

Performance Measure 4 – Clause 10.3.4(d)(i-iii):

The number and percentage of train services cancelled that can be directly attributable to Aurizon Network as Railway manager, a Railway Operator or another reason or which cannot be directly attributable to either party

This performance measure reports the number and percentage of train services that are cancelled, separately identifying the cause of the cancellation (i.e. whether it is directly attributable to Aurizon Network as Railway Manager, a Railway Operator, or due to a reason that cannot be clearly assigned as directly attributable to a Railway Operator or to Aurizon Network as Railway Manager).

Terminated services are not captured within this metric (OTR)

Performance Measure 5 – Clause 10.3.4(e):

Information on the safety of Train Services, being the number of major reportable incidents as reported to the Safety regulator in relation to train services that operated each Month in the relevant quarter

This performance measure reports the number of major reportable safety incidents in relation to Train Services as reported to the safety regulator during the relevant Quarter. It does not include all safety incidents reportable to the safety regulator, but only those directly related to train services. This measure also includes those reported incidents that once investigated, are downgraded and no longer considered a major incident.

Performance Measure 6 – Clause 10.3.4(f)(i):

The average percentage and kilometres of Aurizon Network track under temporary speed restrictions each Month in the relevant quarter

This performance measure reports the average percentage and kilometres of Aurizon Network Track (in the central Queensland coal region) under temporary speed restrictions for the relevant Quarter. Temporary speed restrictions are put in place to ensure levels of operational safety are maintained during, for example, track maintenance work.

Performance Measure 7 – Clause 10.3.4(f)(ii):

The Overall Track Quality Index (OTCI) for Aurizon Network's Below Rail network for each Coal System each Month in the relevant quarter

This index reports on the quality of Aurizon Network's track by individual Coal System. The lower the indicator, the better the track quality.

The OTCI should only be used as an indicator of abnormality. A single number which is an average over a defined length cannot reflect all the variations within a coal system.

Performance Measure 8 – Clause 10.3.4(g)(i-iv):

Coal Carrying Train Service Performance – Information on the tonnage performance of coal carrying train services each Month in the relevant quarter

This performance measure reports the aggregate gross tonne kilometres, net tonnes, net tonne kilometres and electric gross tonne kilometres for each individual coal system. It is a measure of throughput for each coal system.

Performance Measure 9 – Clause 10.3.4(g)(v)

Average Below Rail Transit Time % - The sum of the relevant section run times for that track section divided by the Section run times as specified in the Train Service Entitlement

This performance measure reports the average Below Rail Transit Time percentage for each individual coal system.

The Below Rail Transit Time is calculated as

- a) The relevant nominated section run times in the direction of travel as specified in the Train Service Entitlement;
- b) Identified Below Rail Delays;
- c) Time taken in crossing other trains to the extent that such time is not contributed to by Above Rail causes or Force Majeure Events; and
- d) Delays due to Operational Constraints directly caused by the activities of Aurizon Network maintaining the Rail Infrastructure or due to a fault or deficiency in the Rail Infrastructure provided such delays are not contributed to by Above Rail causes or Force Majeure Events.

The percentage is calculated by dividing the Below Rail Transit Time by the relevant nominated section running times (in the direction of travel) as specified in the Train Service Entitlement.

Performance Measure 10 – Clauses 10.3.4(g)(vi-viii)

Coal Carrying Train Paths – Information on train paths for each coal system in the Month for the relevant quarter

This performance measure reports on a variety of train path information to ascertain network utilisation and capacity. It also provides information to determine the impact of planned and unplanned maintenance on the network.

Performance Measure 11 – Clauses 10.3.4(h)(i-iv)

Aggregate Train Paths – Information on Train Paths scheduled or used for planned or unplanned maintenance activity and percentage of Train Paths available but not used

This performance measure reports on a variety of train path information to ascertain network utilisation and capacity. It also provides information to determine the impact of planned and unplanned maintenance on the network.

Planned Maintenance = Maintenance activities which utilise train paths which are scheduled outside 21 days from Day of Operations

Unplanned Maintenance = Maintenance activities which utilise train paths which are scheduled within 21 days from Day of Operations

Performance Measure 12 – Clauses 10.3.4(i)

Outcome of the Contested Train Path decision making process

This performance measure shows the outcome of the Contested Train Path decision making process contained in Clause 8 of Schedule G in respect of:

- (i) The number of contests run each Month; and
- (ii) The number and percentage of Train Paths allocated under each of the Contested Train Path principles set out in clause 8.3 of Schedule G

Definitions

Capitalised terms have the same meaning as capitalised terms defined in the 2017 Access Undertaking, unless otherwise defined within this document.

Train Control means the management and monitoring of train movements on Aurizon Network's track as well as the allocation and scheduling of train paths.

Train Kilometres means the actual distance travelled by a train service.

Transit Time means the time schedule for the relevant Train Service type from Origin to Destination or from Destination to Origin which comprises the relevant Sectional Running Times, delay for passing of other Trains on the Nominated Network, Operational Constraints relating to the Infrastructure, Operational Constraints attributable to a Railway Operator, Force Majeure Events and Planned Dwell Times.

Contact

Donna Bowman
Network Regulation Manager (Access Undertaking)

Network Regulation
Aurizon Network
Level 4
900 Ann Street
Fortitude Valley QLD 4006

Donna.Bowman@Aurizon.com.au
07 3019 9507

References

Please refer to the 2017 Access Undertaking. A copy of this document is available at

<http://www.aurizon.com.au/what-we-deliver/network/network-downloads>

Aurizon Network Performance Measures - Historical Data

The below information is data of the corresponding quarter of the preceding Year. The information below is aligned with the calculations used within the UT4 & UT5 metrics.

Performance Measure 1 – Clause 10.3.4(b)(i)-(ii)

	On Time Performance (#)	Coal										Bulk Minerals & Freight		Long Distance Passenger		
		Blackwater		Goonyella		Moura		Newlands		GAPE		2018	2019	2018	2019	
		2018	2019	2018	2019	2018	2019	2018	2019	2018	2019					
Jan	Services that reach their destination on time	694	1,104	1,336	1,090	153	233	228	199	188	262	308	254	94	104	
	Services that do not reach their destination on-time	Due primarily Aurizon Network	267	439	489	869	88	119	127	88	129	159	64	39	16	2
		Due primarily Railway Operator	349	404	961	805	119	192	54	76	111	150	53	91	10	7
		Due primarily to other matters	349	362	664	365	88	93	71	78	79	119	217	178	7	13
Feb	Services that reach their destination on time	548	731	872	930	118	116	185	74	188	107	250	210	72	75	
	Services that do not reach their destination on-time	Due primarily Aurizon Network	325	331	538	629	83	184	103	33	144	74	33	52	18	0
		Due primarily Railway Operator	518	531	785	715	82	93	79	35	160	100	70	94	7	9
		Due primarily to other matters	384	288	591	346	53	60	58	62	68	64	179	200	14	13
Mar	Services that reach their destination on time	607	883	1,109	1,091	185	100	212	215	275	185	307	301	84	82	
	Services that do not reach their destination on-time	Due primarily Aurizon Network	467	415	676	448	50	225	146	91	180	90	55	67	7	7
		Due primarily Railway Operator	536	466	834	757	145	109	51	139	166	236	65	88	10	14
		Due primarily to other matters	323	434	465	503	62	70	39	136	66	109	148	180	8	15

Performance Measure 1 – Clause 10.3.4(b)(i)-(ii)

On Time Performance (%)		Coal										Bulk Minerals & Freight		Long Distance Passenger		
		Blackwater		Goonyella		Moura		New lands		GAPE		2018	2019	2018	2019	
		2018	2019	2018	2019	2018	2019	2018	2019	2018	2019					
Jan	Services that reach their destination on time	41.83%	47.81%	38.72%	34.84%	34.15%	36.58%	47.50%	45.12%	37.08%	37.97%	47.98%	45.20%	74.02%	82.54%	
	Services that do not reach their destination on-time	Due primarily Aurizon Network	16.09%	19.01%	14.17%	27.77%	19.64%	18.68%	26.46%	19.95%	25.44%	23.04%	9.97%	6.94%	12.60%	1.59%
		Due primarily Railway Operator	21.04%	17.50%	27.86%	25.73%	26.56%	30.14%	11.25%	17.23%	21.89%	21.74%	8.26%	16.19%	7.87%	5.56%
		Due primarily to other matters	21.04%	15.68%	19.25%	11.67%	19.64%	14.60%	14.79%	17.69%	15.58%	17.25%	33.80%	31.67%	5.51%	10.32%
Feb	Services that reach their destination on time	30.87%	38.86%	31.30%	35.50%	35.12%	25.61%	43.53%	36.27%	33.57%	31.01%	46.99%	37.77%	64.86%	77.32%	
	Services that do not reach their destination on-time	Due primarily Aurizon Network	18.31%	17.60%	19.31%	24.01%	24.70%	40.62%	24.24%	16.18%	25.71%	21.45%	6.20%	9.35%	16.22%	0.00%
		Due primarily Railway Operator	29.18%	28.23%	28.18%	27.29%	24.40%	20.53%	18.59%	17.16%	28.57%	28.99%	13.16%	16.91%	6.31%	9.28%
		Due primarily to other matters	21.63%	15.31%	21.21%	13.21%	15.77%	13.25%	13.65%	30.39%	12.14%	18.55%	33.65%	35.97%	12.61%	13.40%
Mar	Services that reach their destination on time	31.40%	40.17%	35.96%	38.98%	41.86%	19.84%	47.32%	37.01%	40.03%	29.84%	53.39%	47.33%	77.06%	69.49%	
	Services that do not reach their destination on-time	Due primarily Aurizon Network	24.16%	18.88%	21.92%	16.01%	11.31%	44.64%	32.59%	15.66%	26.20%	14.52%	9.57%	10.53%	6.42%	5.93%
		Due primarily Railway Operator	27.73%	21.20%	27.04%	27.05%	32.81%	21.63%	11.38%	23.92%	24.16%	38.06%	11.30%	13.84%	9.17%	11.86%
		Due primarily to other matters	16.71%	19.75%	15.08%	17.97%	14.03%	13.89%	8.71%	23.41%	9.61%	17.58%	25.74%	28.30%	7.34%	12.71%

Performance Measure 2 – Clause 10.3.4(b)(iii)

Total Number of Train Services		Coal										Bulk Minerals & Freight		Long Distance Passenger	
		Blackwater		Goonyella		Moura		New lands		GAPE		2018	2019	2018	2019
		2018	2019	2018	2019	2018	2019	2018	2019	2018	2019				
Jan	Train services for January 2019	1,659	2,309	3,450	3,129	448	637	480	441	507	690	642	562	127	126
Feb	Train services for February 2019	1,775	1,881	2,786	2,620	336	453	425	204	560	345	532	556	111	97
Mar	Train services for March 2019	1,933	2,198	3,084	2,799	442	504	448	581	687	620	575	636	109	118

Performance Measure 3 – Clause 10.3.4(c)

	Transit Time Delay Variance (Minutes per 100 Train KMs)	Coal										Bulk Minerals & Freight		Long Distance Passenger	
		Blackwater		Goonyella		Moura		Newlands		GAPE		2018	2019	2018	2019
		2018	2019	2018	2019	2018	2019	2018	2019	2018	2019				
Jan	Delays attributable to Aurizon Network	4.65	-1.75	3.13	14.05	-2.72	5.08	-18.08	-13.99	-17.09	-9.36	-0.68	6.72	2.74	-1.60
	Delays attributable to Railway Operators	12.83	8.35	14.49	16.01	16.69	22.30	6.18	10.79	8.93	14.26	5.62	12.42	0.67	0.30
	Unallocated Delays	2.99	0.31	-2.07	2.27	1.57	1.77	21.83	56.17	13.05	43.90	-8.63	38.48	0.54	0.52
Feb	Delays attributable to Aurizon Network	0.24	1.58	7.53	9.85	-2.26	22.30	-16.31	1.68	-12.46	0.42	-0.28	7.93	3.36	-2.00
	Delays attributable to Railway Operators	18.44	15.30	17.89	17.21	5.95	11.15	15.92	14.16	17.64	26.09	12.86	22.48	0.51	1.37
	Unallocated Delays	-4.00	-0.50	7.79	1.59	5.67	-7.33	3.59	26.23	5.77	27.77	7.73	45.08	-0.04	1.54
Mar	Delays attributable to Aurizon Network	2.53	2.13	12.06	4.73	0.70	23.85	-16.52	-0.43	-15.39	-4.15	8.80	6.49	2.17	-0.21
	Delays attributable to Railway Operators	12.92	9.03	13.29	15.06	20.14	18.78	8.19	30.37	11.88	35.40	28.06	10.97	1.28	1.61
	Unallocated Delays	-4.65	0.35	2.07	10.81	-6.22	-10.26	1.67	32.89	1.30	16.46	-0.65	28.43	-0.55	0.53

Performance Measure 4 – Clause 10.3.4(d)

	Train Cancellations (#)	Coal										Bulk Minerals & Freight		Long Distance Passenger	
		Blackwater		Goonyella		Moura		Newlands		GAPE		2018	2019	2018	2019
		2018	2019	2018	2019	2018	2019	2018	2019	2018	2019				
Jan	Cancellations attributable to Aurizon Network	375	49	26	91	0	6	3	16	15	9	0	0	0	0
	Cancellations attributable to Railway Operators	66	100	218	273	20	50	12	32	53	44	207	192	1	0
	Unallocated cancellations	168	41	113	284	54	24	42	63	100	121	13	26	2	4
Feb	Cancellations attributable to Aurizon Network	29	56	64	48	67	11	26	6	22	6	0	0	0	0
	Cancellations attributable to Railway Operators	113	265	201	291	15	68	52	59	51	73	202	108	0	0
	Unallocated cancellations	105	36	273	290	20	14	52	202	66	338	35	57	8	19
Mar	Cancellations attributable to Aurizon Network	41	26	120	27	0	9	8	6	20	11	2	0	0	0
	Cancellations attributable to Railway Operators	104	63	182	198	36	62	86	77	58	73	192	126	0	0
	Unallocated cancellations	76	125	253	678	5	68	17	101	27	118	70	46	24	8

Performance Measure 4 – Clause 10.3.4(d)

	Train Cancellations (%)	Coal										Bulk Minerals & Freight		Long Distance Passenger	
		Blackwater		Goonyella		Moura		Newlands		GAPE		2018	2019	2018	2019
		2018	2019	2018	2019	2018	2019	2018	2019	2018	2019				
Jan	Cancellations attributable to Aurizon Network	16.53%	1.96%	0.68%	2.41%	0.00%	0.84%	0.56%	2.90%	2.22%	1.04%	0.00%	0.00%	0.00%	0.00%
	Cancellations attributable to Railway Operators	2.91%	4.00%	5.73%	7.23%	3.83%	6.97%	2.23%	5.80%	7.85%	5.09%	24.01%	24.62%	0.77%	0.00%
	Unallocated cancellations	7.41%	1.64%	2.97%	7.52%	10.34%	3.35%	7.82%	11.41%	14.81%	14.00%	1.51%	3.33%	1.54%	3.08%
Feb	Cancellations attributable to Aurizon Network	1.43%	2.50%	1.93%	1.48%	15.30%	2.01%	4.68%	1.27%	3.15%	0.79%	0.00%	0.00%	0.00%	0.00%
	Cancellations attributable to Railway Operators	5.59%	11.84%	6.05%	8.96%	3.42%	12.45%	9.37%	12.53%	7.30%	9.58%	26.27%	14.98%	0.00%	0.00%
	Unallocated cancellations	5.19%	1.61%	8.21%	8.93%	4.57%	2.56%	9.37%	42.89%	9.44%	44.36%	4.55%	7.91%	6.72%	16.38%
Mar	Cancellations attributable to Aurizon Network	1.90%	1.08%	3.30%	0.73%	0.00%	1.40%	1.43%	0.78%	2.53%	1.34%	0.24%	0.00%	0.00%	0.00%
	Cancellations attributable to Railway Operators	4.83%	2.61%	5.00%	5.35%	7.45%	9.64%	15.38%	10.07%	7.32%	8.88%	22.88%	15.59%	0.00%	0.00%
	Unallocated cancellations	3.53%	5.18%	6.95%	18.31%	1.04%	10.58%	3.04%	13.20%	3.41%	14.36%	8.34%	5.69%	18.05%	6.35%

Performance Measure 5 – Clause 10.3.4(e)

	Major reportable safety incidents reported to the Safety Regulator	Blackwater		Goonyella		Moura		Newlands		GAPE	
		2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Jan	Number of instances	1	0	0	0	0	0	0	0	0	0
Feb	Number of instances	0	0	0	0	0	0	0	0	0	0
Mar	Number of instances	1	0	0	2	0	0	0	0	0	0

Performance Measure 6 – Clause 10.3.4(f)(i)

	Temporary Speed Restrictions	Blackwater		Goonyella		Moura		Newlands		GAPE	
		2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Jan	Average track under temporary restriction (km)	45.8	62.2	10.6	21.7	35.3	36.4	0.4	0.9	0.0	0.0
	Average track under temporary restriction (%)	3.33%	4.47%	0.90%	1.84%	11.72%	12.02%	0.13%	0.32%	0.00%	0.00%
Feb	Average track under temporary restriction (km)	73.1	49.7	5.9	32.4	34.9	48.7	0.7	1.0	0.0	0.0
	Average track under temporary restriction (%)	5.31%	3.57%	0.50%	2.75%	11.57%	16.04%	0.24%	0.38%	0.00%	0.00%
Mar	Average track under temporary restriction (km)	86.6	51.0	9.2	23.0	26.8	45.0	1.7	2.7	0.1	0.0
	Average track under temporary restriction (%)	6.29%	3.66%	0.78%	1.95%	8.90%	14.82%	0.60%	0.97%	0.11%	0.00%

Performance Measure 7 – Clause 10.3.4(f)(ii)

Overall Track Condition Index		Blackwater		Goonyella		Moura		Newlands	
		2018	2019	2018	2019	2018	2019	2018	2019
Jan	Monthly Track Condition Index	31.70	29.94	29.68	27.82	32.37	27.82	25.80	25.81
Feb	Monthly Track Condition Index	31.70	29.96	29.68	27.82	31.11	32.54	25.80	25.81
Mar	Monthly Track Condition Index	30.21	29.96	29.68	27.82	31.11	32.54	25.80	25.81

Performance Measure 8 – Clause 10.3.4(g)(i)-(iv)

Coal Carrying Train Service Performance ('000)		Coal									
		Blackwater		Goonyella		Moura		Newlands		GAPE	
		2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Jan	Gross Tonne Kilometres (GTK)	2,446,579	3,387,346	3,860,264	3,515,438	221,230	376,264	240,057	208,348	707,979	794,744
	Net Tonnes (NT)	4,260	5,826	11,808	10,939	858	1,460	1,105	1,006	1,220	1,558
	Net Tonne Kilometres (NTK)	1,524,239	2,123,249	2,430,347	2,205,168	135,617	235,727	150,393	129,123	444,048	492,406
	Electric Gross Tonne Kilometres (EGTK)	1,713,332	2,712,122	3,831,562	3,273,568	0	0	0	0	0	0
Feb	Gross Tonne Kilometres (GTK)	2,555,156	2,659,013	3,097,228	2,938,249	152,059	260,329	208,231	104,427	677,548	397,993
	Net Tonnes (NT)	4,474	4,585	9,412	8,875	610	1,036	966	483	1,256	764
	Net Tonne Kilometres (NTK)	1,598,989	1,653,269	1,938,339	1,840,048	93,203	162,960	130,221	64,914	420,444	246,037
	Electric Gross Tonne Kilometres (EGTK)	1,867,691	2,060,507	3,014,031	2,730,476	0	0	0	0	0	0
Mar	Gross Tonne Kilometres (GTK)	2,798,760	3,189,450	3,379,674	3,062,112	234,287	274,549	216,711	264,227	757,416	714,863
	Net Tonnes (NT)	4,830	5,421	10,700	9,630	918	1,097	1,046	1,251	1,516	1,381
	Net Tonne Kilometres (NTK)	1,746,528	1,976,952	2,125,570	1,918,556	145,943	171,299	136,166	163,698	471,087	441,989
	Electric Gross Tonne Kilometres (EGTK)	2,123,003	2,548,938	3,336,140	2,872,713	0	0	0	0	0	0

Performance Measure 9 – Clause 10.3.4(g)(v)

Below Rail Transit Time %		Coal									
		Blackwater		Goonyella		Moura		Newlands		GAPE	
		2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Jan	Average BRTT % for January	111.33%	105.24%	99.93%	112.08%	120.05%	123.95%	111.68%	125.76%	111.37%	128.46%
Feb	Average BRTT % for February	106.76%	107.66%	103.85%	112.33%	116.62%	131.22%	115.69%	126.49%	114.05%	120.81%
Mar	Average BRTT % for March	111.51%	107.69%	108.19%	103.10%	120.58%	129.94%	120.31%	128.31%	118.73%	123.48%

Coal Train Paths	Coal								
	Blackwater		Goonyella		Moura		New lands (Inc GAPE)		
	2018	2019	2018	2019	2018	2019	2018	2019	
January	Train paths available for coal carrying services	2,518	3,092	2,682	2,798	930	940	1,268	1,360
	Train paths contracted for coal carrying services	1,313	1,347	2,238	2,184	282	384	1,007	1,129
	Train paths scheduled by coal carrying services	1,512	1,666	2,538	2,518	348	478	808	944
	Train paths used by coal carrying services	1,116	1,549	2,314	2,101	300	425	662	757
	Train paths used for planned maintenance	900	772	284	150	54	52	192	128
	Train paths used for unplanned maintenance	68	116	10	2	8	0	28	0
	Trains paths available but not used (%)	55.68%	49.90%	13.72%	24.91%	67.74%	54.79%	47.79%	44.34%
February	Train paths available for coal carrying services	1,878	2,432	2,284	2,440	804	770	1,166	1,188
	Train paths contracted for coal carrying services	1,313	1,357	2,238	2,228	282	384	1,129	1,129
	Train paths scheduled by coal carrying services	1,348	1,492	2,216	2,166	292	364	836	822
	Train paths used by coal carrying services	1,202	1,274	1,873	1,761	225	303	661	369
	Train paths used for planned maintenance	1,298	1,086	194	72	80	126	144	156
	Train paths used for unplanned maintenance	106	52	76	0	12	0	10	0
	Trains paths available but not used (%)	36.00%	47.62%	17.99%	27.83%	72.01%	60.65%	43.31%	68.94%
March	Train paths available for coal carrying services	2,202	2,698	2,562	2,844	862	852	1,328	1,362
	Train paths contracted for coal carrying services	1,313	1,387	2,238	2,228	282	384	1,129	1,129
	Train paths scheduled by coal carrying services	1,436	1,608	2,426	2,468	322	429	900	1,058
	Train paths used by coal carrying services	1,303	1,478	2,070	1,881	295	337	761	806
	Train paths used for planned maintenance	1,284	1,182	404	160	124	140	148	116
	Train paths used for unplanned maintenance	134	42	10	0	6	0	6	0
	Trains paths available but not used (%)	40.83%	45.22%	19.20%	33.86%	65.78%	60.45%	42.70%	40.82%

Performance Measure 12 – Clause 10.3.4(i)

Contested Train Paths		Blackwater		Goonyella		Moura		New lands		GAPE	
		2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Jan	Number of contests	24	72	60	7	0	0	18	1	1	2
Feb	Number of contests	12	79	41	57	0	0	4	11	3	11
Mar	Number of contests	13	45	103	18	0	0	5	20	5	11

Contested Train Path Principles Schedule G Clause 8.3		Blackwater		Goonyella		Moura		New lands		GAPE	
		2018	2019	2018	2019	2018	2019	2018	2019	2018	2019
Jan	Clause 8.3 (i)		11%	5%							
	Clause 8.3 (ii)	79%	72%	83%	100%			78%	100%	100%	100%
	Clause 8.3 (iii)										
	Clause 8.3 (iv)		6%								
	Clause 8.3 (v)	21%	8%	7%							
	Clause 8.3 (vi)		3%	5%				22%			
	Clause 8.3 (vii)										
	Clause 8.3 (viii)										
	Clause 8.3 (ix)										
Feb	Clause 8.3 (i)		8%		7%						
	Clause 8.3 (ii)	92%	71%	93%	79%			100%	55%	67%	64%
	Clause 8.3 (iii)										
	Clause 8.3 (iv)		8%		2%				36%	33%	
	Clause 8.3 (v)	8%	4%	7%	4%						
	Clause 8.3 (vi)		10%		9%				9%		36%
	Clause 8.3 (vii)										
	Clause 8.3 (viii)										
	Clause 8.3 (ix)										
Mar	Clause 8.3 (i)		13%								
	Clause 8.3 (ii)	62%	58%	85%	100%			100%	100%	100%	100%
	Clause 8.3 (iii)										
	Clause 8.3 (iv)		11%	5%							
	Clause 8.3 (v)			10%							
	Clause 8.3 (vi)	38%	18%								
	Clause 8.3 (vii)										
	Clause 8.3 (viii)										
	Clause 8.3 (ix)										