

Assessment of Metropolitan Network Impact

Response to B&H Report

December 2015



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1. Introduction

As part of its 2015 DAU, Queensland Rail proposed that, consistent with past practice, a reduction would be applied to the allocation of pre-1995 asset values to coal services to reflect the notional impact on West Moreton Network capacity due to Metropolitan Network constraints and calculated this impact to be 12.1%.

In its Draft Decision, the QCA rejected this proposal based on a review undertaken by B&H Strategic Services (B&H). B&H's assessment is documented in Section 10 of its report to the QCA entitled "Review of Queensland Rail's DAU 2015", dated September 2015.

Queensland Rail is disappointed at the quality of B&H's assessment that is relied upon by the QCA. In particular, B&H (and the QCA) have ignored and had no regard to relevant analysis, information and detailed submissions provided by Queensland Rail on the extent of alignment of maintenance between the West Moreton and Metropolitan's detailed report setting out its analysis of the impact of the Metropolitan Network on West Moreton Network capacity, and which was included as Appendix 5 of Volume 2 of Queensland Rail's 2015 DAU submission. Instead, the B&H report refers (and relies) upon:

- some (but not all) of the train plans included by Queensland Rail in its 2015 DAU submission - further, the report states train plans included in that submission were not actually provided by Queensland Rail;¹
- verbal advice from a meeting of 19 June 2015; and
- high level information on maintenance possessions and system reliability sourced from Queensland Rail's annual reports and website, which relate specifically to the impact of maintenance possessions on passenger trains, rather than freight trains – and the consequently incorrect assumptions and conclusions that arise from doing so.²

This annexure sets out in detail Queensland Rail's concerns with the B&H assessment and reiterates information which again clearly demonstrates Queensland Rail's assessment on the extent of alignment in maintenance works on the West Moreton and Metropolitan Networks.

2. Methodology for calculating capacity impact

As noted in Queensland Rail's 2015 DAU submission, capacity assessments can be undertaken based on either a theoretical or an operational view of capacity. The theoretical capacity of a rail line reflects the maximum number of train paths that can be scheduled on the railway (which can be assessed either before or after allowance is made for maintenance closures). The operational capacity of the rail line takes account of the fact that a robust rail system will not

¹ For example, p59 of the B&H report states that Queensland Rail did not provide weekend train diagrams showing the impact of the passenger timetable on the saturated capacity of the West Moreton network. However, Queensland Rail did provide this diagram for Saturdays. While a Sunday diagram was not provided by Queensland Rail on the basis that it includes a reduction in passenger services and hence there would remain no impact from passenger services on the saturated capacity, Queensland Rail did indicate that this diagram was available if requested.

² For example, p60 of the B&H report states that West Moreton Network maintenance is mainly conducted through **weekday** daylight hours, and this is an important input into B&H's estimate that only 25% of maintenance works are aligned. However, Queensland Rail provided information to the QCA indicating that the majority of West Moreton maintenance works are actually conducted through **weekend** daylight hours.

operate train services on all available paths given the need to maintain some 'reserve paths' to recover from operational variability and unplanned events.

For the 2015 DAU, Queensland Rail assessed the notional impact of the Metropolitan Network on West Moreton Network capacity using a detailed assessment of the train paths on the West Moreton Network that could not be utilised due to the impacts of the Metropolitan Network. This is consistent with the approach that has been previously recommended by the QCA, and has been accepted by B&H as an appropriate methodology.

2.1 Theoretical capacity

Queensland Rail's assessment of the theoretical capacity of the West Moreton Network (excluding Metropolitan Network impacts) was based on a rounded 30 minute scheduling interval, reflecting the time required for trains to traverse the longest section. While the precise running time of the longest section on the Toowoomba range is 26 minutes, given the expected operational variability, eg in speed profiles of trains and in infrastructure performance, a scheduling interval of 30 minutes reflects a realistic and practical approach.

In its assessment of the impact of the Metropolitan Network on West Moreton Network capacity, B&H has accepted this 30 minute scheduling interval for the purposes of assessing theoretical capacity. Similarly, the QCA's Draft Decision also reflects an acceptance of the reasonableness of a 30 minute scheduling interval.

However, in both the B&H report (in section 11) and in the QCA's Draft Decision, there are a number of references to alternate estimates of maximum theoretical capacity, which in turn have been used to assess alternate estimates of maximum contracting capacity. Notwithstanding that the QCA has not relied on these alternate estimates in its Draft Decision, Queensland Rail considers that they are unachievable and, as a result, highly misleading. Queensland Rail's concerns are explained in detail in the discussion on Operational Capacity in Section 3.2 of this paper.

Queensland Rail remains strongly of the view that a scheduling interval of 30 minutes reflects a realistic and practical approach for the West Moreton Network, and will continue to adopt this for the purpose of assessing the theoretical capacity. This gives a maximum number of one way paths that can be scheduled in 24 hours of 48, with a maximum of 336 within a week.

To be deducted from this are the paths that are eliminated due to the closure of the track for maintenance or capital works. From a capacity planning perspective, 19 hours per week is a reasonable assumption of the track possessions required for maintenance in the West Moreton Network. B&H has not raised any concerns with this assumption.

Based on this, the theoretical capacity (after maintenance) of the West Moreton Network remains unchanged from Queensland Rail's 2015 DAU submission:

Table 1 West Moreton theoretical capacity (after maintenance)

	One-way paths/week
West Moreton total theoretical capacity	336
West Moreton maintenance closures	38
West Moreton theoretical capacity (after mtce)	298

2.2 Passenger peak period impacts

B&H's analysis of the impact of passenger peak periods essentially concurs with Queensland Rail's view, in that, based on a 30 minute scheduling interval:

- There will be a loss of 3 loaded and 3 unloaded paths each weekday due to the inability to link West Moreton paths with a continuous path through the Metropolitan Network (that is, 30 paths per week); and
- There is no loss of West Moreton paths on weekends due to the operation of passenger services on the Metropolitan Network.

Queensland Rail's 2015 DAU submission (Volume 2, Appendix 5) included a range of train diagrams that supported this analysis, including:

- West Moreton theoretical capacity with no passenger services (Figure 1);
- West Moreton theoretical capacity showing impact of weekday metro passenger services (Figure 2);
- West Moreton theoretical capacity showing impact of Saturday metro passenger services (Figure 3); and
- Queensland Rail's current MTP train schedule for two consecutive days (Wednesdays and Thursdays) illustrating that coal and freight trains are regularly scheduled to operate during the morning and afternoon peak periods (Figures 4 and 5).

2.3 Maintenance impacts

Approximately half of B&H's assessed impact on West Moreton capacity results from B&H's assumption that there is only a low degree of alignment in the timing of maintenance for the West Moreton and Metropolitan Networks. B&H has made what it refers to as a 'reasonable estimate' that one quarter of maintenance works are simultaneous on the two systems, resulting in reduction in West Moreton capacity of 10.1% due to misaligned maintenance.³

In Volume 2 Appendix 5 of its 2015 DAU Submission, Queensland Rail provided a detailed explanation of the planning approach adopted to maximise the alignment of maintenance between the two networks, and provided a range of supporting documents that demonstrate that there is, to the contrary, a high degree of alignment in maintenance closures. Not only did B&H not have any regard to this information in forming its view on the extent of maintenance alignment, it did not even acknowledge that it was provided.

B&H's assumption of only 25% of maintenance possessions being aligned for the two Networks is grossly inconsistent with reality. There is no evidence to support B&H's assumption and none has been provided. While B&H has included some information from Queensland Rail's website which relates to the impact of Metropolitan Network maintenance possessions on passenger services (including both suburban passenger services and the Westlander), this does not in fact

³ B&H Strategic Services (2015), Review of Queensland Rail's DAU 2015, p63

provide any information on the extent to which maintenance possessions on the West Moreton and Metropolitan Networks are occurring simultaneously.

Further, B&H's assumption of only 25% alignment of maintenance possessions is an inexplicably vast reduction from the assumption that it made in its 2014 report appended to the QCA's 2014 Consultation Paper. In that report, B&H considered that 60% of metropolitan maintenance closures are aligned with West Moreton network maintenance closures.⁴ In this most recent report, B&H has not presented any new information on the extent of maintenance alignment between the two networks, and nor has it provided any explanation about why it has reduced its assumed alignment so drastically.

The information provided by Queensland Rail as part of its 2015 DAU submission remains relevant on this issue. However, given that B&H and the QCA do not appear to have considered the information on maintenance alignment already provided by Queensland Rail, some of that information has been restated in this report.

Queensland Rail's planned maintenance alignment

Four years ago, the track closure regime in the Metropolitan Network was substantially revised in order to maximise Queensland Rail's productive access to the track in order to undertake necessary maintenance work while minimising the impact on passenger services. As a result, Queensland Rail has replaced its previous regime of regular short closures of individual track segments with less regular, but longer closures of full corridors within the Metropolitan Network. Queensland Rail now fully closes one corridor within the Metropolitan Network for 48 hours approximately every second week, with each corridor closed on 1-4 weekends each year. However, due to the need for West Moreton train services to traverse multiple corridors, this track closure regime results in access to a continuous path from Rosewood to Port of Brisbane being unavailable for a 48 hour weekend closure approximately each fourth week.

The current maintenance closure program for the West Moreton Network, over a four week cycle, is as follows:

- Week A – 48 hour closure on Saturday and Sunday
- Week B – no maintenance possessions
- Week C – 12 hour closure on Sunday
- Week D – 12 hour closure on Monday

While the order in which the Week A-D closures occur is not rigidly applied, Queensland Rail ensures that, over time, an even number of Weeks A, B, C and D occur. In its 2015 DAU submission, Queensland Rail provided details of the closure regime that actually applied in the September-December 2014 period together with the then planned closure regime for 2015. Attachment 1 to this document is an updated planning calendar (dated at the end of March 2015) for April-December 2015, which shows the closure regime planned for the remainder of the year.

Week A closures are the critical issue in terms of alignment between the West Moreton and Metropolitan Networks. Week C and D closures are required for West Moreton maintenance alone, and do not necessarily correspond with Metropolitan Network closures (although at times some Sunday track closures will occur on the Metropolitan Network in C Weeks, given the absence of coal and freight trains).

⁴ B&H Strategic Services (2014), Review of the Queensland Rail West Moreton System for the Queensland Competition Authority (for purpose of QCA Consultation Paper), Appendix 3

Queensland Rail's Supply Chain South and Network SEQ groups strategically plan their maintenance and capital works activities through the SCAS (Scheduled Corridor Access System) co-ordination forum up to 18 months in advance to ensure that 'Week A' closures of the West Moreton Network and the relevant weekend Metropolitan Network closures are complementary. This is demonstrated by the Western Corridor Alignment Calendar shown at Attachment 1, which shows that every Metropolitan Network weekend closure affecting West Moreton trains is matched by a Week A closure on the West Moreton Network.

Maintenance work does continue to be done in both the West Moreton and Metropolitan Networks outside the standard Week A-D and weekend corridor closures. (This can be seen for example, in the attached Western Corridor Alignment Calendar that shows additional West Moreton maintenance closures on some public holidays in 2015, as well as a higher than average number of Week C closures.) However, where additional work is being undertaken in the Metropolitan Network, careful planning ensures that this work is undertaken in such a way as to leave a track open to continue to run West Moreton services (potentially under speed restriction or on an alternate route which would result in some delays but no cancellations).

This can be seen in the SCAS calendar for the April-December 2015 period (dated at the beginning of April 2015), which is shown at Appendix 2. This shows the detailed planning of Metropolitan Network closures, how they align with the West Moreton Week A-D closures, and the steps that are taken to provide through running for coal and freight trains where maintenance work in the Metropolitan Network does not align with West Moreton maintenance. An additional column has been inserted in this calendar to explain the impact of each planned closure on West Moreton coal trains (shown in blue font). Maintenance work that occurs outside the planned SCAS closures is minor routine work and is generally done in available natural windows, hence does not cause cancellation of trains.

This SCAS calendar also clearly demonstrates the incorrect conclusions that can arise if an attempt is made to assess the extent of network unavailability for coal and freight services based on information about the cancellation of passenger services, as B&H has done. There are many examples over the year where passenger services are halted and passengers transported by bus, but where a track remains open to allow the operation of coal and freight trains. The SCAS calendar also clearly demonstrates that, while night works do continue to occur on the metropolitan network, these are managed so as to allow the continued operation of coal and freight trains (eg through single line working).

Implementation of maintenance alignment

Both Appendix 1 and Appendix 2 show the planned maintenance alignment as at the beginning of April 2015 for the remainder of the 2015 calendar year.

However, as would be expected, there is often some variation between these plans and the actual closures and maintenance activities that occur. Co-ordination of closures and maintenance activities continues as the closure dates approach. Any potential change to planned closures sought for either the West Moreton or Metropolitan Networks needs to be reviewed by both groups, with changes only implemented if agreed. This occurs through regular meetings of the SCAS co-ordination group (SCAS COG). Minutes of the February 2015 meeting are provided at Attachment 3, as an example of the outcomes of this process (note, these were also provided in Queensland Rail's 2015 DAU Submission). These minutes show the extent to

which the groups plan their capital and maintenance work to fit within the available closures. They also show that requests for variation to closures will not proceed unless acceptable to both groups – for example, at the February 2015 meeting, a request for a change to a metropolitan weekend closure was rejected as it would result in two ‘A week’ closures on the West Moreton Network in July 2015.

In order to demonstrate how this process translates to actual closures, Queensland Rail has provided the alignment and maintenance plans, as well as the daily train plans that show the actual operation of train services, over a 10 day period in late September – early October. This period was selected as it includes:

- Week C Sunday closure of the West Moreton Network, with a corresponding closure of the metropolitan Western Corridor to take advantage of the absence of coal and freight trains;
- Week A closure of the West Moreton Network which aligns with the typical 48 hour closure of the metropolitan Western Corridor;
- an additional day closure (on the labour day holiday) of both the West Moreton Network and the metropolitan Western Corridor, which was planned as an aligned closure to allow the completion of further maintenance works on both networks; and
- significant night works on the metropolitan Western Corridor, which did not disrupt the continued operation of West Moreton coal and freight trains.

This is illustrated by the following documents:

- the updated Western Corridor Alignment Calendar as at 22 September, showing the planned works in the West Moreton network over the 10 days from 25 September to 4 October;
- the updated SCAS calendar as at 25 September, showing the planned maintenance works in the Metropolitan Network over the same 10 day period, and which demonstrates:
 - alignment of Metropolitan closures with West Moreton closures; and
 - arrangements for continued operation of coal trains during Metropolitan maintenance works which do not align with West Moreton closures; and
- Daily Train Plan diagrams which show the actual operation of trains over this 10 day period, which clearly show that coal trains continue to operate through the metropolitan night maintenance works.

Resulting impact of Metropolitan Network maintenance on West Moreton capacity

As noted by B&H, maintenance work in the West Moreton Network is generally done in daylight hours. Therefore, theoretically the West Moreton Network could operate with two 12 hour closures on a single weekend, rather than a 48 hour closure. However, Queensland Rail uses these longer closures to maximise its productivity in performing work that takes multiple days to perform. If Queensland Rail were to reinstate the track for night time running, this would reduce the time available for maintenance (as it would need to remove all equipment and reinstate the track for safe travel) meaning that further closures would subsequently be required to complete the work.

Queensland Rail does acknowledge, however, that it typically will only require a 36 hour closure to perform these works (Saturday morning to Sunday evening) rather than the full 48 hour closure applied in the Metropolitan Network. This resulting standard closure regime for the West Moreton Network (with one 36 hour closure and two 12 hour closures each week) comfortably fits within the planning allowance of 19 hours per week, and allows some additional margin for where closures in excess of the standard allowance are required (as has occurred in 2015).

The extension of the weekend closure by an additional 12 hours once each four weeks can therefore be attributable to Metropolitan Network maintenance requirements in excess of West Moreton maintenance requirements. This equates to an average of 3 hours per week of additional closures triggered by the Metropolitan Network, which in turn impacts on an average of 6 one way paths per week.

2.4 Summary of total impact

The total impact of metropolitan peak periods and additional Metropolitan Network maintenance on the theoretical capacity of the West Moreton Network therefore remains as set out in its 2015 DAU submission, and is summarised as follows:

Table 2 Impact of Metropolitan Network constraints on West Moreton Network theoretical capacity

	One-way paths/week	
West Moreton theoretical capacity (after mtce)	298	
Unavailable due to Metropolitan Network	36	
Peak periods restrictions	30	
Additional metropolitan maintenance	6	
Total available paths (after metro impact)	262	
% Unavailable due to metro impact	12.1%	

2.5 Impact of suburban system operational variability

As discussed previously, operational capacity (that is, the capacity that Queensland Rail considers can reliably be provided after allowing for operational variability) is invariably less than theoretical capacity, as some paths need to be held as 'reserve paths' to ensure robust system operation, having regard to operational variability and unplanned events. In the West Moreton Network, this allowance is as follows:

Table 3 West Moreton Network operating capacity

	One-way paths/week
West Moreton theoretical capacity (after mtce)	298
Unavailable due to Metropolitan Network	36
Total available paths (after metro impact)	262
Reserve paths	38
Maximum contracting capacity ⁵ (total available less reserved paths)	224

B&H has recommended that the assessed impact of the Metropolitan Network on West Moreton Network capacity should be increased to reflect the impact of operational variability of the suburban system.

⁵ As discussed in Queensland Rail's submission on the West Moreton reference tariff, Queensland Rail's maximum contracting capacity on the West Moreton Network is 112 return paths per week or 224 one way paths per week.

Operational variability is addressed by the application of a 'reduction factor' to the assessed theoretical capacity. This is reflected in the MTP by setting the scheduling interval between trains so as to include a margin above the average run time of the longest section, and by retaining of a number of 'reserve paths' above the maximum contracting capacity. These issues are discussed in more detail below.

B&H has estimated that suburban system operational variability may impact on 1-2 coal trains per week.⁶ If this were the case, it would clearly be able to be accommodated within the reserve paths that Queensland Rail holds (as shown in Table 3), and there is no basis to increase the estimated impact on West Moreton capacity to reflect suburban system variability.

As was stated in the 2015 DAU Submission, from an operational perspective, the real impact of the metropolitan constraints on West Moreton capacity is negligible (even taking account of suburban system operational variability) given that the affected paths can still effectively be used given the reserved paths allowance, noting that these reserve paths would still be required regardless of the Metropolitan Network constraints.

2.6 Conclusion

B&H has now considered the question of what is the impact of the Metropolitan Network on West Moreton Network capacity on a number of occasions, and in each instance it has adopted a different approach to its assessment and drawn different conclusions.

For example, in its 2014 report to the QCA, which was attached to the QCA's 2014 Consultation Paper:

- B&H estimated that there would be a loss of 20 West Moreton paths per week in each direction due to passenger peak periods;
- B&H deducted the impact of West Moreton's 19 hours of maintenance from theoretical capacity prior to assessing the % impact of paths lost for passenger peak periods – that this is effectively equivalent to assuming that West Moreton maintenance closures do not align with passenger peak periods;
- B&H assumed that 60% of metropolitan network maintenance closures aligned with West Moreton maintenance closures, resulting in an additional 6 hours per week loss in West Moreton capacity due to metropolitan network maintenance;
- B&H also included an additional 'inefficiency factor' which increased the estimated impact from 19.4% to 22%; and
- B&H concluded that the Metropolitan Network's impact on West Moreton capacity was 22%.

However, in this 2015 report attached to the QCA's 2015 Draft Decision:

- B&H has accepted that there is a loss of 15 West Moreton weekly paths in each direction due to the impact of passenger peak periods;
- B&H has estimated the % impact on paths lost for passenger peaks based on a partial alignment of West Moreton maintenance activities with passenger peak periods (the % impact on paths lost for the passenger peak period is 8.9% if assuming full alignment or 10.1% if assuming no alignment, and B&H has adopted a mid point assumption of 9.5% impact);

⁶ B&H Strategic Services (2015), p59

- B&H has assumed that only 25% of metropolitan maintenance aligns with West Moreton maintenance, leading to a preliminary estimate of a 10.1% additional loss in West Moreton capacity due to unaligned maintenance works – this appears to be equivalent to an assumption of an additional 15 hours per week loss in West Moreton capacity due to metropolitan network maintenance; and
- following estimated adjustments for the effect of operational variability in the suburban system and an adjustment to reflect a high level estimate of the potential for some continued coal operations during periods of Metropolitan maintenance, B&H has concluded that the Metropolitan Network's impact on West Moreton capacity is 17%.

A critical factor leading to B&H's still high estimated capacity impact is its assumption that there is only a low degree of alignment between West Moreton and Metropolitan maintenance closures. Contrary to this view, Queensland Rail has provided factual supporting documentation that demonstrates that intensive planning effort results in these being very closely aligned with metropolitan system maintenance closures. Unaligned Metropolitan Network closures are generally limited to 12 hours of night time closures (6 hours on Friday night and 6 hours on Sunday night) during one week in every four which do not align with West Moreton maintenance requirements. This is an average impact of 3 hours per week.

Queensland Rail considers that:

- the B&H assessment is based on clearly incorrect assumptions about the extent of maintenance alignment; and
- including an additional impact for operational variability in the suburban system is unwarranted as operational variability is already addressed through the scheduling process and the retention of reserve paths to manage unplanned disruptions.

If any adjustment to pre-1995 assets is appropriate (and it is not clear that this is the case) to reflect the impact of the Metropolitan Network on West Moreton Network capacity, then the adjustment proposed by Queensland Rail of 12.1% is appropriate and should be approved by the QCA.

Attachment 1 – Western Corridor Alignment Calendar at March 2015

WEEK TYPE
 A = 48 HRS SAT/SUN
 B = NIL POSSESSION
 C = 12 HRS SUN
 D = 12 HRS MON

48 Hour Closures
 Conflicts
 Maintenance Time Available
 Recent Changes / Additions



Western Coal Supply Chain

Western Corridor Alignment Calendar 2015

NB: Only includes TOTAL CLOSURES Corinda to Roma Street

Last updated 24/03/15

Weekend	Week Type	Times	Location	Western	Suburban
SAT 28/03/2015	C				
SUN 29/03/2015	C	0930 Sun - 1330 Sun	Macalister - Warra	Ballasting	
		0500 Sun - 1800 Sun	Spring Bluff Yard	Re-Railing	
		0630 Sun - 1900 Sun	Helidon Yard	Formation	
		0700 Sun - 1700 Sun	Ipswich - Rosewood		No Train Period
GOOD FRIDAY					
FRI 03/04/2015	A	0600 Fri - 1800 Fri	Forest Hill - Helidon	Signals	Westlander stows Toowoomba
		1230 Fri - 1700 Fri	Spring Bluff - Rangeview	Welding	
		0645 Fri - 1100 Fri	Murphy's Creek - Holmes	Welding	
		0700 Fri - 1700 Fri	Holmes - Spring Bluff	Welding	
		0600 Fri - 1600 Fri	Toowoomba Brook Street - Willowburn	Bridge Maintenance	
		0630 Fri - 1730 Fri	Yarongmulu - Laidley	Earthworks	
		0600 Fri - 1800 Fri	Helidon - Lockyer	Bridge Maintenance	
EASTER SATURDAY					
SAT 04/04/2015	A	0630 Sat - 1730 Sun	Yarongmulu - Laidley	Formation	
		0600 Sat - 1800 Sun	Forest Hill - Helidon	Signals	Westlander stows Toowoomba
		0700 Sat - 1700 Sun	Holmes - Spring Bluff	Re-Railing	
		0715 Sat - 1700 Sun	Spring Bluff - Rangeview	Welding	
		0730 Sat - 1630 Sun	Rangeview - Toowoomba	Welding	
		0700 Sat - 1700 Sun	Rosewood - Grandchester	Re-Sleeping	
		0700 Sat - 1600 Sun	Toowoomba Brook Street - Willowburn	Bridge Maintenance	
		0600 Sat - 1800 Sun	Helidon - Lockyer	Bridge Maintenance	
EASTER SUNDAY					
SUN 05/04/2015	A	0630 Sat - 1730 Sun	Yarongmulu - Laidley	Formation	
		0600 Sat - 1800 Sun	Forest Hill - Helidon	Signals	Westlander stows Toowoomba
		0700 Sat - 1700 Sun	Holmes - Spring Bluff	Re-Railing	
		0715 Sat - 1700 Sun	Spring Bluff - Rangeview	Welding	
		0730 Sat - 1630 Sun	Rangeview - Toowoomba	Welding	
		0700 Sat - 1700 Sun	Rosewood - Grandchester	Re-Sleeping	
		0700 Sat - 1600 Sun	Toowoomba Brook Street - Willowburn	Bridge Maintenance	
		0600 Sat - 1800 Sun	Helidon - Lockyer	Bridge Maintenance	
EASTER MONDAY					
MON 06/04/2015	B	0600 Mon - 1800 Mon	Forest Hill - Helidon	Signals	Westlander stows Toowoomba
		0730 Mon - 1630 Mon	Rangeview - Toowoomba	General Maintenance	
		0600 Mon - 1600 Mon	Toowoomba Brook Street - Willowburn	Bridge Maintenance	
		0600 Mon - 1800 Mon	Helidon - Lockyer	Bridge Maintenance	
		0630 Mon - 1730 Mon	Yarongmulu - Laidley	Earthworks	
SAT 11/04/2015	B				
SUN 12/04/2015	B				
SAT 18/04/2015	C	0600 Sat - 2359 Tue	Malu - Bowenville	Drain Renewal	
		0600 Sat - 1800 Tue	Brigalow - Chinchilla	Undercutting	
		0600 Sat - 1800 Tue	Macalister - Warra	Bridge Maintenance	
		0600 Sat - 1800 Tue	Warra - Brigalow	Re-Sleeping	
SUN 19/04/2015	C	0600 Sat - 2359 Tue	Malu - Bowenville	Drain Renewal	
		0600 Sat - 1800 Tue	Brigalow - Chinchilla	Undercutting	
		0600 Sat - 1800 Tue	Macalister - Warra	Bridge Maintenance	
		0600 Sat - 1800 Tue	Warra - Brigalow	Re-Sleeping	
		0630 Sun - 1730 Sun	Rywang - Columboola	Level Crossing	
		0600 Sun - 1800 Sun	Baining Yard	Bridge Maintenance	
		0600 Sun - 1800 Sun	Murphy's Creek Yard	Bridge Maintenance	
		0600 Sun - 1730 Sun	Spring Bluff - Rangeview	Third Party	
		0700 Sun - 1500 Sun	Rosewood - Yarongmulu	Ballasting	
		0800 Sun - 1215 Sun	Helidon - Toowoomba	NDT Car	
MON 20/04/2015	D	0600 Sat - 2359 Tue	Malu - Bowenville	Drain Renewal	
		0600 Sat - 1800 Tue	Brigalow - Chinchilla	Undercutting	
		0600 Sat - 1800 Tue	Macalister - Warra	Bridge Maintenance	
		0600 Sat - 1800 Tue	Warra - Brigalow	Re-Sleeping	
		0600 Mon - 1730 Mon	Holmes - Rangeview	Third Party	
		0600 Mon - 1800 Tue	Malu Yard	Formation	
		0800 Mon - 1230 Mon	Toowoomba - Malu	NDT Car	
SAT 25/04/2015	D	1345 Sat - 1500 Sat	Kingshorpe Yard	No Train Period	
SUN 26/04/2015	D				
SAT 02/05/2015	A	0200 Sat - 0300 Mon	Corinda - Rosewood		Ipswich Line Shutdown. Westlander stows Toowoomba
		0730 Sat - 1800 Sat	Blaxland - Dalby	Bridge Maintenance	
		0600 Sat - 1800 Sun	Oakey - Jondaryan Coal Siding	Re-Conditioning	
		0600 Sat - 2359 Sun	Holmes - Rangeview	Third Party	
		0600 Sat - 2359 Sun	Grandchester - Yarongmulu	Third Party	
		0630 Sat - 1730 Sun	Holmes - Spring Bluff	Re-Railing	
SUN 03/05/2015	A	0200 Sat - 0300 Mon	Corinda - Rosewood		Ipswich Line Shutdown. Westlander stows Toowoomba
		0600 Sun - 1730 Sun	Blaxland - Dalby	Bridge Maintenance	
		0600 Sat - 1800 Sun	Oakey - Jondaryan Coal Siding	Re-Conditioning	
		0600 Sat - 2359 Sun	Holmes - Rangeview	Third Party	
		0600 Sat - 2359 Sun	Grandchester - Yarongmulu	Third Party	
		0630 Sat - 1730 Sun	Holmes - Spring Bluff	Re-Railing	
SAT 09/05/2015	B				
SUN 10/05/2015	B				
SAT 16/05/2015	C				
SUN 17/05/2015	C	0600 Sun - 1830 Sun	Grandchester - Yarongmulu	Third Party	
		0600 Sun - 1800 Sun	Oakey - Jondaryan Coal Siding	Re-Conditioning	
		0630 Sun - 1800 Mon	Lockyer - Murphy's Creek	Bridge Maintenance	
MON 18/05/2015	D	0600 Mon - 1730 Mon	Grandchester - Yarongmulu	Third Party	
		0700 Mon - 1400 Mon	Laidley - Forest Hill	Rail Drop	
		0630 Sun - 1800 Mon	Lockyer - Murphy's Creek	Bridge Maintenance	
SAT 23/05/2015	D				
SUN 24/05/2015	D				
SAT 30/05/2015	C				
SUN 31/05/2015	C	0630 Sun - 1800 Sun	Toowoomba Brook Street - Willowburn	Re-Railing	
		0600 Sun - 1730 Sun	Grandchester - Yarongmulu	Third Party	
		0730 Sun - 1800 Sun	Baining - Macalister	Bridge Maintenance	
		0600 Sun - 1800 Sun	Baining - Macalister	Formation	
		0700 Sun - 1700 Sun	Redbank - Ipswich		No Train Period
MON 01/06/2015	D	0630 Mon - 1800 Mon	Baining - Macalister	Bridge Maintenance	
		0700 Mon - 1730 Mon	Helidon - Lockyer	Formation	
SAT 06/06/2015	D				
SUN 07/06/2015	D				
MON 08/06/2015	C				
QUEENS BIRTHDAY					
SAT 13/06/2015	C				
SUN 14/06/2015	C	0700 Sun - 1700 Sun	Redbank - Ipswich		No Train Period
SAT 20/06/2015	A	0700 Sat - 1700 Sun	Baining - Macalister	Re-Conditioning	
		0700 Sat - 1730 Sun	Helidon - Lockyer	Formation	
		0600 Sat - 1800 Sun	Spring Bluff - Rangeview	Re-Railing	
		0030 Sat - 0030 Mon	Laidley - Forest Hill	Bridge Construction	Westlander stows Toowoomba
		0010 Sat - 0230 Mon	Park Road - Lytton Junction		Cleveland Line Shutdown
SUN 21/06/2015	A	0700 Sat - 1700 Sun	Baining - Macalister	Re-Conditioning	
		0700 Sat - 1730 Sun	Helidon - Lockyer	Formation	
		0600 Sat - 1800 Sun	Spring Bluff - Rangeview	Re-Railing	
		0030 Sat - 0030 Mon	Laidley - Forest Hill	Bridge Construction	Westlander stows Toowoomba

Weekend	Week Type	Times	Location	Western	Suburban
		0010 Sat - 0230 Mon	Park Road - Lytton Junction		Cleveland Line Shutdown
SAT 27/06/2015	B				
SUN 28/06/2015	B				
SAT 04/07/2015	A	0200 Sat - 0300 Mon (Times TBC)	Corinda - Rosewood		Ipswich Line Shutdown. Westlander stows Toowoomba
		0030 Sat - 0030 Mon	Laidley - Forest Hill	Bridge Construction	
		0600 Sat - 1800 Sun	Spring Bluff - Rangeview	Re-Railing	
		0730 Sat - 1745 Sat	Spring Bluff - Rangeview	Welding	
SUN 05/07/2015	A	0200 Sat - 0300 Mon (Times TBC)	Corinda - Rosewood		Ipswich Line Shutdown. Westlander stows Toowoomba
		0030 Sat - 0030 Mon	Laidley - Forest Hill	Bridge Construction	
		0600 Sat - 1800 Sun	Spring Bluff - Rangeview	Re-Railing	
SAT 11/07/2015	B				
SUN 12/07/2015	B				
SAT 18/07/2015	C				
SUN 19/07/2015	C				
SAT 25/07/2015	C				
SUN 26/07/2015	C	(Times TBC) 0700 Sun - 1700 Sun	Corinda - Redbank	Grandchester Steamfest	No Train Period
SAT 01/08/2015	A	0030 Sat - 0030 Mon	Laidley - Forest Hill	Bridge Construction	Westlander stows Toowoomba
		0600 Sat - 1800 Sun	Spring Bluff - Rangeview	Re-Railing	
		0800 Sat - 1630 Sat	Rangeview - Harlaxton	Welding	
SUN 02/08/2015	A	0030 Sat - 0030 Mon	Laidley - Forest Hill	Bridge Construction	Westlander stows Toowoomba
		0600 Sat - 1800 Sun	Spring Bluff - Rangeview	Re-Railing	
SAT 08/08/2015	B				
SUN 09/08/2015	B				
SAT 15/08/2015	C				
SUN 16/08/2015	C				
MON 17/08/2015	D				
SAT 22/08/2015	D				
SUN 23/08/2015	D				
SAT 29/08/2015	C				
SUN 30/08/2015	C				
MON 31/08/2015	D				
SAT 05/09/2015	D				
SUN 06/09/2015	D				
SAT 12/09/2015	A	0030 Sat - 0030 Mon	Laidley - Forest Hill	Bridge Construction (contingency)	Westlander stows Toowoomba (if contingency is required)
		0630 Sat - 1730 Sun	Holmes - Spring Bluff	Re-Railing	
		0001 Sat - 0310 Mon	Dutton Park - Yeerongpilly		Beenleigh Line Shutdown
SUN 13/09/2015	A	0030 Sat - 0030 Mon	Laidley - Forest Hill	Bridge Construction (contingency)	Westlander stows Toowoomba (if contingency is required)
		0630 Sat - 1730 Sun	Holmes - Spring Bluff	Re-Railing	
		0001 Sat - 0310 Mon	Dutton Park - Yeerongpilly		Beenleigh Line Shutdown
SAT 19/09/2015	B		Roma Street to Toowoomba	Carnival of Flowers - 19th to 26th September 2015	Roma Street to Toowoomba Services running 19th, 20th and 23rd. Toowoomba to Spring Bluff twice daily 20/9 to 26/9
SUN 20/09/2015	B		Roma Street to Toowoomba	Carnival of Flowers - 19th to 26th September 2015	Roma Street to Toowoomba Services running 19th, 20th and 23rd. Toowoomba to Spring Bluff twice daily 20/9 to 26/9
SAT 26/09/2015	C		Roma Street to Toowoomba	Carnival of Flowers - 19th to 26th September 2014	Roma Street to Toowoomba Services running 19th, 20th and 23rd. Toowoomba to Spring Bluff twice daily 20/9 to 26/9
SUN 27/09/2015	C	0700 Sun - 1700 Sun	Corinda - Redbank		No Train Period
SAT 03/10/2015	A	0600 Sat - 1800 Sun	Spring Bluff - Rangeview	Re-Railing	
SUN 04/10/2015	A	0200 Sat - 0230 Tue			Wulkuraka Stable Yard works - Commissioning
		0600 Sat - 1800 Sun	Spring Bluff - Rangeview	Re-Railing	
		0200 Sat - 0230 Tue			Wulkuraka Stable Yard works - Commissioning
MON 5/10/2015	B			LABOUR DAY	
		0200 Sat - 0230 Tue			Wulkuraka Stable Yard works - Commissioning
SAT 10/10/2015	B				
SUN 11/10/2015	B				
MON 12/10/2015	D				
SAT 17/10/2015	D				
SUN 18/10/2015	D				
SAT 24/10/2015	C				
SUN 25/10/2015	C				
MON 26/10/2015	D				
SAT 31/10/2015	D				
SUN 01/11/2015	D				
SAT 07/11/2015	C				
SUN 08/11/2015	C				
MON 09/11/2015	D				
SAT 14/11/2015	D				
SUN 15/11/2015	D				
SAT 21/11/2015	A	0010 Sat - 0230 Mon	Park Road - Lytton Junction		Cleveland Line Shutdown. Westlander runs
SUN 22/11/2015	A	0010 Sat - 0230 Mon	Park Road - Lytton Junction		Cleveland Line Shutdown. Westlander runs
SAT 28/11/2015	B				
SUN 29/11/2015	B				
SAT 05/12/2015	C				
SUN 06/12/2015	C	0700 Sun - 1700 Sun	Corinda - Redbank		No Train Period

Weekend	Week Type	Times	Location	Western	Suburban
SAT 12/12/2015	A	0600 Sat - 1800 Sun 0001 Sat - 0310 Mon	Toowoomba Dutton Park - Yeerongpilly	Re-Railing	Beenleigh Line Shutdown. Westlander runs
SUN 13/12/2015	A	0600 Sat - 1800 Sun 0001 Sat - 0310 Mon	Toowoomba Dutton Park - Yeerongpilly	Re-Railing	Beenleigh Line Shutdown. Westlander runs
SAT 19/12/2015	B				
SUN 20/12/2015	B				
MON 21/12/2015	D				
SAT 26/12/2015	D				
SUN 27/12/2015	D				

WEEK TYPE
 A = 48 HRS SAT/SUN
 B = NIL POSSESSION
 C = 12 HRS SUN
 D = 12 HRS MON

48 Hour Closures
 Conflicts
 Maintenance Time Available
 Recent Changes / Additions



Western Coal Supply Chain

Western Corridor Alignment Calendar 2016

NB: Only includes TOTAL CLOSURES Corinda to Roma Street

Last updated 24/03/15

Weekend	Week Type	Times	Location	Western	Suburban
FRI 01/01/2016	C			NEW YEARS DAY	
SAT 02/01/2016	C				
SUN 03/01/2016	C				
MON 04/01/2016	D				
SAT 09/01/2016	D				
SUN 10/01/2016	D				
SAT 16/01/2016	A	0200 Sat - 0230 Mon 0600 Sat - 1800 Sun	Corinda - Rosewood Harlaxton - Toowoomba	Re-Railing	Ipswich Line Shutdown. Westlander stows Toowoomba
SUN 17/01/2016	A	0200 Sat - 0230 Mon 0600 Sat - 1800 Sun	Corinda - Rosewood Harlaxton - Toowoomba	Re-Railing	Ipswich Line Shutdown. Westlander stows Toowoomba
SAT 23/01/2016	B				
SUN 24/01/2016	B				
TUE 26/01/2016	C			AUSTRALIA DAY	
SAT 30/01/2016	C				
SUN 31/01/2016	C				
MON 01/02/2016	D				
SAT 06/02/2016	D				
SUN 07/02/2016	D				
SAT 13/02/2016	C				
SUN 14/02/2016	C				
MON 15/02/2016	D				
SAT 20/02/2016	D				
SUN 21/02/2016	D				
SAT 27/02/2016	A	0010 Sat - 0230 Mon 0600 Sat - 1800 Sun	Park Road - Lytton Junction Holmes Yard	Re-Railing	Cleveland Line Shutdown. Westlander runs
SUN 28/02/2016	A	0010 Sat - 0230 Mon 0600 Sat - 1800 Sun	Park Road - Lytton Junction Holmes Yard	Re-Railing	Cleveland Line Shutdown. Westlander runs
SAT 05/03/2016	B				
SUN 06/03/2016	B				
SAT 12/03/2016	A	0001 Sat - 0310 Mon 0600 Sat - 1800 Sun	Dutton Park - Yeerongpilly Spring Bluff Yard	Re-Railing	Beenleigh Line Shutdown. Westlander runs
SUN 13/03/2016	A	0001 Sat - 0310 Mon 0600 Sat - 1800 Sun	Dutton Park - Yeerongpilly Spring Bluff Yard	Re-Railing	Beenleigh Line Shutdown. Westlander runs
SAT 19/03/2016	B				
SUN 20/03/2016	B				
FRI 25/03/2016	C			GOOD FRIDAY	
SAT 26/03/2016	C			EASTER SATURDAY	
SUN 27/03/2016	C			EASTER SUNDAY	
MON 28/03/2016	D			EASTER MONDAY	
SAT 02/04/2016	D				
SUN 03/04/2016	D				
SAT 09/04/2016	A				
SUN 10/04/2016	A				
SAT 16/04/2016	B				
SUN 17/04/2016	B				
SAT 23/04/2016	C				
SUN 24/04/2016	C				
MON 25/04/2016	D			ANZAC DAY	
SAT 30/04/2016	D				
SUN 01/05/2016	D				
SAT 07/05/2016	A	0200 Sat - 0230 Mon	Corinda - Rosewood		Ipswich Line Shutdown. Westlander stows Toowoomba
SUN 08/05/2016	A	0200 Sat - 0230 Mon	Corinda - Rosewood		Ipswich Line Shutdown. Westlander stows Toowoomba
SAT 14/05/2016	B				
SUN 15/05/2016	B				
SAT 21/05/2016	C				
SUN 22/05/2016	C				

Weekend	Week Type	Times	Location	Western	Suburban	
MON 23/05/2016	D					
SAT 28/05/2016	D					
SUN 29/05/2016	D					
SAT 04/06/2016	C					
SUN 05/06/2016	C					
MON 06/06/2016	D					
SAT 11/06/2016	D					
SUN 12/06/2016	D					
MON 13/06/2016	A	QUEENS BIRTHDAY				
SAT 18/06/2016	A	0010 Sat - 0230 Mon	Park Road - Lytton Junction		Cleveland Line Shutdown. Westlander runs	
SUN 19/06/2016	A	0010 Sat - 0230 Mon	Park Road - Lytton Junction		Cleveland Line Shutdown. Westlander runs	
SAT 25/06/2016	B					
SUN 26/06/2016	B					
SAT 02/07/2016	A	0001 Sat - 0310 Mon	Dutton Park - Yeerongpilly		Beenleigh Line Shutdown. Westlander runs	
SUN 03/07/2016	A	0001 Sat - 0310 Mon	Dutton Park - Yeerongpilly		Beenleigh Line Shutdown. Westlander runs	
SAT 09/07/2016	B					
SUN 10/07/2016	B					
MON 11/07/2016	D					
SAT 16/07/2016	D					
SUN 17/07/2016	D					
SAT 23/07/2016	C					
SUN 24/07/2016	C					
MON 25/07/2016	D					
SAT 30/07/2016	D					
SUN 31/07/2016	D					
SAT 06/08/2016	A	0200 Sat - 0230 Mon	Corinda - Rosewood		Ipswich Line Shutdown. Westlander stows Toowoomba	
SUN 07/08/2016	A	0200 Sat - 0230 Mon	Corinda - Rosewood		Ipswich Line Shutdown. Westlander stows Toowoomba	
SAT 13/08/2016	B					
SUN 14/08/2016	B					
MON 15/08/2016	D					
SAT 20/08/2016	D					
SUN 21/08/2016	D					
SAT 27/08/2016	C					
SUN 28/08/2016	C					
MON 29/08/2016	D					
SAT 03/09/2016	D					
SUN 04/09/2016	D					
SAT 10/09/2016	A					
SUN 11/09/2016	A					
SAT 17/09/2016	B		Roma Street to Toowoomba	Carnival of Flowers - 17th to 24th September 2016	Roma Street to Toowoomba Services running 17th, 18th and 21st. Toowoomba to Spring Bluff twice daily 18/9 to 24/9	
SUN 18/09/2016	B		Roma Street to Toowoomba	Carnival of Flowers - 17th to 24th September 2016	Roma Street to Toowoomba Services running 17th, 18th and 21st. Toowoomba to Spring Bluff twice daily 18/9 to 24/9	
SAT 24/09/2016	C		Roma Street to Toowoomba	Carnival of Flowers - 17th to 24th September 2016	Roma Street to Toowoomba Services running 17th, 18th and 21st. Toowoomba to Spring Bluff twice daily 18/9 to 24/9	
SUN 25/09/2016	C					
MON 26/09/2016	D					
SAT 01/10/2016	D					
SUN 02/10/2016	D					
MON 03/10/2016	C	LABOUR DAY				
SAT 08/10/2016	C					
SUN 09/10/2016	C					
SAT 15/10/2016	A	0200 Sat - 0230 Mon	Corinda - Rosewood		Ipswich Line Shutdown. Westlander stows Toowoomba	
SUN 16/10/2016	A	0200 Sat - 0230 Mon	Corinda - Rosewood		Ipswich Line Shutdown. Westlander stows Toowoomba	
SAT 22/10/2016	B					
SUN 23/10/2016	B					
MON 24/10/2016	D					
SAT 29/10/2016	D					
SUN 30/10/2016	D					
SAT 05/11/2016	C					
SUN 06/11/2016	C					

Weekend	Week Type	Times	Location	Western	Suburban
MON 07/11/2016	D				
SAT 12/11/2016	D				
SUN 13/11/2016	D				
SAT 19/11/2016	A	0010 Sat - 0230 Mon	Park Road - Lytton Junction		Cleveland Line Shutdown. Westlander runs
SUN 20/11/2016	A	0010 Sat - 0230 Mon	Park Road - Lytton Junction		Cleveland Line Shutdown. Westlander runs
SAT 26/11/2016	B				
SUN 27/11/2016	B				
SAT 03/12/2016	C				
SUN 04/12/2016	C				
MON 5/12/2016	D				
SAT 10/12/2016	D				
SUN 11/12/2016	D				
SAT 17/12/2016	A	0001 Sat - 0310 Mon	Dutton Park - Yeerongpilly		Beenleigh Line Shutdown. Westlander runs
SUN 18/12/2016	A	0001 Sat - 0310 Mon	Dutton Park - Yeerongpilly		Beenleigh Line Shutdown. Westlander runs
SAT 24/12/2016	B				
SUN 25/12/2016	B	CHRISTMAS DAY			
MON 26/12/2016	C	BOXING DAY			
TUE 27/12/2016	C	CHRISTMAS DAY HOLIDAY			

Attachment 2 – SCAS Calendar at April 2015

Month	Day	Project	Manager	Line	Closure	Start	End	Impact	Notes	Other
Jun	13	WE PROJ	Mark Paynter	Inner City Line	Closure: Roma St to Bowen Hills 0200 Sat to 0200 Mon Up & Down Sun ISO: 1200 Sat to 1800 Sun TBC Freight: Via Main Roads XPT Path required on Platform 2	13/06/2015	15/06/2015	No impact on coal route	262 Turnout Replacement Replace steel components 247 248 249 Roma St Stg1 Replace Switch & Stack 241 (Contingency from March 21-22) Replace Switch & Stack 243 B Track Lead Replacement Cable Troughing Lid Replacement - Central to Roma St Jet Fan Maintenance & First Line TBC Rerail 0.500km to 0.700km Up Sub Platform 4 Central Rerail 0.500km to 0.700km On Sub Platform 3 Central Points Machine Replacements TBC	
Jun	14	AL OH MTCSE	Mark Paynter	Western Corridor	Closure: Rebarok to Ipswich All Lines 0700 to 1700 Sun ISO: 0900 to 1700 Sun Buses: Rebarok to Ipswich Freight: Closure during freight free window	14/06/2015	14/06/2015	C-Week - planned Sunday closure of WH network	Abion Overhead Maintenance	
Jun	16	GOA	Nat Vincent	Central		16/06/2015	17/06/2015	No impact on coal route	GOA Posters: Platform 1: 2200 to 0430 Closure & Isolation Platform 6: 0300 to 0430 Closure & Isolation	
Jun	16	WN	Andrew Edbrooke	Cleveland Line	Closure: Mararie to Cleveland 2200 Tues to 0400 Wed Up & Down Suburban Lines Buses Mararie to Cleveland TBC	16/06/2015	17/06/2015	No cancellation of coal services - coal operates on dual gauge line which remains open	TBC	PBD01407-00430 Revision # SEC00250
Jun	17	AL OH MTCSE	Andrew Edbrooke	Cleveland Line	Closure: Mararie to Cleveland 2200 Wed to 0400 Thurs All Lines ISO: 2200 Wed to 0400 Thurs Buses Mararie to Cleveland TBC	17/06/2015	18/06/2015	No cancellation of coal services - coal operates on dual gauge line which remains open	Abion Overhead Maintenance	
Jun	20	SE		Special Event		20/06/2015	20/06/2015	No impact on coal services	Titans v NZ Warriors - Cbus Super Stadium (Robina)	
Jun	20	WE	Andrew Edbrooke	Cleveland Line	Closure: Dutton Park to Cleveland LPA 1: 0000 Sat to 0200 Mon Up & Down Suburban Dual Gauge: 1800 Sat to 0200 Mon ISO 1: 0000 Sat to 0200 Mon Up & Down Suburban Buses Park Hills to Cleveland	20/06/2015	22/06/2015	A Week - planned Saturday and Sunday closure of WH network	Crown St Spay & Guard Rail Insertion Underpinning Neram Park to Merrimidge Dual Gauge Yorkton North Recondition Fishermen Islands Recondition Queensport Rd Recondition TBC	Revision # SEC00250 PBD01503-00061 PBD01503-00062 PBD01503-00063 OH Notification # PO Notification #
Jun	20	WE PROJ	Ben Faulkner	Yeerongilly	Closure: 1900 Sat 0230 Mon All Lines Yeerongilly Services express Mirookia to Roma St via Sherwood ISO TBC Buses Mirookia to Park Rd TBC Freight: Acacia Ridge Freight via Tonyson Park Fishermen Islands Freight is a freight free window XPT Path required	20/06/2015	22/06/2015	A Week - planned Saturday and Sunday closure of WH network	Yeerongilly Turnout Project Signal Testing	
Jun	20	SE		Special Event		20/06/2015	20/06/2015	No impact on coal services	Steam Train - Roma St to Glass House Mountains Return	
Jun	21	SE		Special Event		21/06/2015	21/06/2015	No impact on coal services	Harlem Goodwiners - Brisbane Entertainment Centre Boondall	
Jun	21	SE		Special Event		23/06/2015	23/06/2015	No impact on coal services	5 Seconds of Summer, Brisbane Entertainment Centre, Boondall	
Jun	22	WN	Ben Faulkner	Gold Coast/Beeleigh Line	Closure: Dutton Park to Kuraby 2200 Mon to 0400 Tues Up Man ISO TBC Buses Dutton Park to Kuraby TBC	22/06/2015	23/06/2015	No cancellation of coal services - coal operates on dual gauge line from Yeerongilly to Dutton Park which remains open	TBC	Revision # SEC00250 PB 201502-00382
Jun	23	WN	Ben Faulkner	Gold Coast/Beeleigh Line	Closure: Dutton Park to Kuraby 2200 Tues to 0400 Wed Up Man ISO TBC Buses Dutton Park to Kuraby TBC	23/06/2015	24/06/2015	No cancellation of coal services - coal operates on dual gauge line from Yeerongilly to Dutton Park which remains open	TBC	Revision # SEC00250 PB 201502-00383
Jun	24	AL OH MTCSE	Andrew Edbrooke	Cleveland Line	Closure: Mararie to Cleveland 2200 Wed to 0400 Thurs All Lines ISO: 2200 Wed to 0400 Thurs Buses Mararie to Cleveland TBC	24/06/2015	25/06/2015	No impact on coal route	Abion Overhead Maintenance	
Jun	26	SE		Special Event		26/06/2015	26/06/2015	No impact on coal services	Broncos v Newcastle Knights - Suncorp Stadium	
Jun	26	SE		Special Event		27/06/2015	27/06/2015	No impact on coal services	Brisbane Lions v Adelaide Crowns	
Jun	26	SE		Special Event		27/06/2015	27/06/2015	No impact on coal services	Shane on Ice - Brisbane Entertainment Centre - Boondall	
Jun	26	WE PROJ	Lori Skillington	Doombin Line	Closure: Eagle Junction to Doombin 0200 Sat to 0200 Mon ISO 0200 Sat to 0200 Mon Buses Eagle Junction to Doombin - Sat	27/06/2015	28/06/2015	No impact on coal route	Doombin Spay & Guard Rail Insertion	
Jun	27	AL OH MTCSE	Nat Vincent	Exhibition Line	Closure: Up & Down Exhibition Lines Times Bowen Hills to Roma St 1000 Sat to 1800 Sun TBC Freight / Travel Train: Reelwood / DC Freight Only ISO TBC	27/06/2015	28/06/2015	No impact on coal route	Abion Overhead Maintenance	
Jun	28	AL OH MTCSE	Nat Vincent	Inner City Line	Closure: Corinda to Bowen Hills & South Brisbane All Roads 2245 Sun to 0340 Mon ISO 1: Roma St Neutral Section to Bowen Hills (Valley Point) 2245 Sun to 0400 Mon Buses Bowen Hills / Abion to Corinda & Park Rd TBC Freight - Closure during Natural Freight Window	28/06/2015	28/06/2015	No impact on coal route	Abion Overhead Maintenance	
Jun	29	WN	Mark Paynter	Western Corridor	Closure: Rebarok to Rosewood 2200 Mon to 0400 Tues Up Man ISO TBC Buses Rebarok to Rosewood TBC Freight TBC	29/06/2015	30/06/2015	No cancellation of coal services - closure of Up Man only, coal operates with single line working on Down Man	TBC	Revision # SEC00263
Jun	30	WN	Mark Paynter	Western Corridor	Closure: Rebarok to Rosewood 2200 Tues to 0400 Wed Up Man ISO TBC Buses Rebarok to Rosewood TBC Freight TBC	30/06/2015	1/07/2015	No cancellation of coal services - closure of Up Man only, coal operates with single line working on Down Man	TBC	Revision # SEC00263
Jul	1	AL OH MTCSE	Nat Vincent	Inner City Line	Closure: Roma St to Bowen Hills 2245 Wed to 0400 Thurs All Lines ISO: 2245 Wed to 0400 Thurs Buses: Park Rd & Milton to Bowen Hills Freight: via Exhibition TBC	1/07/2015	2/07/2015	No impact on coal route	Abion Overhead Maintenance	
Jul	1	WE	Mark Paynter	Western Corridor	Closure: Corinda to Rosewood via Springfield LPA 1: 0200 Sat to 0200 Mon All roads ISO 1: 0200 Sat to 0200 Mon Buses Corinda to Rosewood Freight Westlander stops Tomwoomba.	4/07/2015	5/07/2015	A Week - planned Saturday and Sunday closure of WH network	Wukuraka Stable Yard works Transfer Renewal Site Location TBC Rebarok LPS Rebarok Platform Recondition Sidels Rd Level Xing Recondition	PBD01408-00590 Revision # SEC00265 OH Notification # Signal Notification # PO Notification #
Jul	2	SE		Special Event		4/07/2015	4/07/2015	No impact on coal services	Gold Coast Suns v North Melbourne - Meriton Stadium	
Jul	2	SE		Special Event		5/07/2015	5/07/2015	No impact on coal services	Steam Train Roma St City Loop 43	
Jul	2	WN	Andrew Edbrooke	Cleveland Line	Closure: Buranda to Murarie 2200 Mon to 0400 Tues Up & Down Suburban Lines Buses Park Rd to Murarie TBC	6/07/2015	7/07/2015	No cancellation of coal services - coal operates on dual gauge line which remains open	Abion Overhead Maintenance	Revision # SEC00256
Jul	2	WN	Andrew Edbrooke	Cleveland Line	Closure: Buranda to Murarie 2200 Tues to 0400 Wed Up & Down Suburban Lines ISO 2200 Tues to 0400 Wed Buses Park Rd to Murarie	7/07/2015	8/07/2015	No cancellation of coal services - coal operates on dual gauge line which remains open	Abion Overhead Maintenance	Revision # SEC00256
Jul	2	SE		Special Event		8/07/2015	8/07/2015	No impact on coal services	QLD v NSW State of Origin - Suncorp Stadium	
Jul	2	AL OH MTCSE	Nat Vincent	Exhibition Line	Closure: Up & Down Exhibition Lines Times Bowen Hills to Roma St 1000 Sat to 1800 Sun TBC ISO TBC	11/07/2015	12/07/2015	No impact on coal route	Abion Overhead Maintenance	
Jul	2	WE PROJ	Nat Vincent	Inner City Line	Closure: Up & Down Suburban Lines to Tarrago 0200 Sat to 0200 Mon ISO TBC Buses N/A Freight Via Main Lines	11/07/2015	13/07/2015	No impact on coal route	Spay & Guard Rails Park Rd & Dixon St Up Suburban	
Jul	2	SE		Special Event		11/07/2015	11/07/2015	No impact on coal services	Steam Train Roma St Nambour/Yandina (Nambour Flower Show)	
Jul	2	WE PROJ	Ben Faulkner	Gold Coast/Beeleigh Line	Closure: Helensvale to Coomera 2200 Sat to 0400 Sun All Roads Buses Beeleigh to Helensvale	11/07/2015	12/07/2015	No impact on coal route	Coomera to Helensvale Duplication Project	PB 201502-00585
Jul	2	WE PROJ	Ben Faulkner	Gold Coast/Beeleigh Line	Closure: Helensvale to Coomera 2200 Sun to 0400 Mon All Roads Buses Beeleigh to Helensvale	12/07/2015	13/07/2015	No impact on coal route	Coomera to Helensvale Duplication Project	PB 201502-00586
Jul	2	AL OH MTCSE	Nat Vincent	Inner City Line	Closure: Corinda to Bowen Hills & South Brisbane All Roads 2245 Sun to 0340 Mon ISO 1: Roma St Neutral Section to Bowen Hills 2245 Sun to 0400 Mon Buses Bowen Hills / Abion to Corinda & Park Rd TBC Freight - Closure during Natural Freight Window	12/07/2015	13/07/2015	No impact on coal route	Abion Overhead Maintenance	
Jul	2	SE		Special Event		12/07/2015	12/07/2015	No impact on coal services	Brisbane Lions v Sydney Swans - Gabba	
Jul	2	SE		Special Event		13/07/2015	13/07/2015	No impact on coal services	Titans v Marry Sea Eagles - Cbus Super Stadium (Robina)	
Jul	2	WN	Lori Skillington	Shorncliffe Line	Closure: Northgate to Shorncliffe 2200 Mon to 0400 Tues Up & Down Lines Buses Northgate to Shorncliffe TBC	13/07/2015	14/07/2015	No impact on coal route	TBC	Revision # SEC00258 PBD01409-00125
Jul	2	WN	Lori Skillington	Shorncliffe Line	Closure: Northgate to Shorncliffe 2200 Tues to 0400 Wed Up & Down Lines Buses Northgate to Shorncliffe TBC	14/07/2015	15/07/2015	No impact on coal route	TBC	Revision # SEC00258 PBD01409-00126
Jul	2	GOA	Nat Vincent	Central		14/07/2015	15/07/2015	No impact on coal route	GOA Posters: Platform 1: 2200 to 0430 Closure & Isolation Platform 6: 0300 to 0430 Closure & Isolation	
Jul	2	AL OH MTCSE	Nat Vincent	Inner City Line	Closure: Roma St to Bowen Hills 2245 Wed to 0400 Thurs All Lines ISO: 2245 Wed to 0400 Thurs Buses: Park Rd & Milton to Bowen Hills / Abion Freight: via Exhibition	15/07/2015	16/07/2015	No impact on coal route	Abion Overhead Maintenance	
Jul	2	SE		Special Event		17/07/2015	17/07/2015	No impact on coal services	Liverpool FC vs Brisbane Roar - Suncorp Stadium	
Jul	2	WE	Lori Skillington	Shorncliffe Line	Closure: Northgate to Shorncliffe LPA 1: 0200 Sat to 0200 Mon ISO 1: 0200 Sat to 0200 Mon Buses Northgate to Shorncliffe	18/07/2015	20/07/2015	No impact on coal route	721, 722 Turnout repairs Northgate TBC Transfer Renewal Up & Down Line - College Bridge Nudge Recondition St Vincens Rd Xing TBC Recondition Curlew Xing TBC Recondition Boondall to Shorncliffe TBC DTRM Gateway Mainway Upgrade Project	PBD01408-00583 Revision # SEC00266 OH Notification # Signal Notification #
Jul	2	SE		Special Event		18/07/2015	18/07/2015	No impact on coal services	Professional Bull Riding - Brisbane Entertainment Centre Boondall	
Jul	2	SE		Special Event		18/07/2015	18/07/2015	No impact on coal services	Steam Train Roma St to Glass House Mountains Return	
Jul	2	SE		Special Event		18/07/2015	18/07/2015	No impact on coal services	Warrabies v South Africa - Suncorp Stadium	
Jul	2	SE		Special Event		18/07/2015	18/07/2015	No impact on coal services	Gold Coast Suns v QNSW Giants - Meriton Stadium	
Jul	2	SE		Special Event		19/07/2015	19/07/2015	No impact on coal services	Broncos v Wests Tigers - Suncorp Stadium	
Jul	2	WN	Lori Skillington	Ferry Grove Line	Closure: Clear of Flyover to Ferry Grove 2200 Mon to 0400 Tues ISO TBC Buses Down Hills to Ferry Grove TBC	20/07/2015	21/07/2015	No impact on coal route	TBC	Revision # SEC00261 PBD01409-00113
Jul	2	WN	Lori Skillington	Ferry Grove Line	Closure: Clear of Flyover to Ferry Grove 2200 Tues to 0400 Wed ISO TBC Buses Down Hills to Ferry Grove TBC	21/07/2015	22/07/2015	No impact on coal route	TBC	Revision # SEC00261 PBD01409-00114
Jul	2	AL OH MTCSE	Andrew Edbrooke	Cleveland Line	Closure: Mararie to Mary 2200 Wed to 0400 Thurs Suburban Lines ISO: 2200 Wed to 0400 Thurs Buses Mararie to Mary Freight via Dual Gauge	22/07/2015	23/07/2015	No cancellation of coal services - coal operates on dual gauge line which remains open	Abion Overhead Maintenance	
Jul	2	SE		Special Event		24/07/2015	24/07/2015	No impact on coal services	Broncos v Gold Coast Titans - Suncorp Stadium	
Jul	2	SE		Special Event		25/07/2015	25/07/2015	No impact on coal services	Brisbane Lions v North Melbourne - Gabba	
Jul	2	SE		Special Event		26/07/2015	26/07/2015	No impact on coal services	Steam Train Roma St to Grandchester Return - QLD Rail Birthday Celebration	
Jul	2	SE		Special Event		26/07/2015	26/07/2015	No impact on coal services	Steam Train Ipswich Workshops to Grandchester Return	
Jul	2	AL OH MTCSE	Mark Paynter	Western Corridor	Closure: Corinda to Mooloolah Corinda Plat 1 & 2 and Freight ISO: 0700 to 1700 Sun ISO: 0800 to 1700 Sun Buses N/A Freight: Closure during freight free window	26/07/2015	26/07/2015	C-Week - planned Sunday closure of WH network	Abion Overhead Maintenance	
Jul	2	AL OH MTCSE	Nat Vincent	Inner City Line	Closure: Corinda to Bowen Hills & South Brisbane All Roads 2245 Sun to 0340 Mon ISO 1: Roma St Neutral Section to Bowen Hills 2245 Sun to 0400 Mon Buses Bowen Hills / Abion to Corinda & Park Rd TBC Freight - Closure during Natural Freight Window	26/07/2015	27/07/2015	No impact on coal route	Abion Overhead Maintenance	
Jul	2	WN	Nat Vincent	Inner City Line	Closure: Roma Street to Bowen Hills 2245 Tue to 0330 Wed ISO TBC Buses Roma Street to Bowen Hills TBC	28/07/2015	29/07/2015	No impact on coal route	TBC	
Jul	2	AL OH MTCSE	Nat Vincent	Inner City Line	Closure: Roma St to Bowen Hills 2245 Wed to 0400 Thurs All Lines ISO: 2245 Wed to 0400 Thurs Buses: Roma St to Bowen Hills & Ferry Grove TBC Freight: via Exhibition	29/07/2015	30/07/2015	No impact on coal route	Abion Overhead Maintenance	
Jul	2	SE		Special Event		31/07/2015	3/08/2015	No impact on coal services	Titans v Parramatta Eels - Cbus Super Stadium (Robina) Date & Time TBC	
Aug	1	SE		Special Event		1/08/2015	1/08/2015	No impact on coal services	Gold Coast Suns v West Coast Eagles - Meriton Stadium	
Aug	1	WE	Nat Vincent	Inner City Line	Closure: Roma Street to Corinda, Mararie and Yeerongilly LPA 1: 0200 Sat to 0200 Mon All roads, except Down Man Roma Street to Sherwood for freight SLV ISO 1: 0200 Sat to 0200 Mon All roads Buses Roma Street to Corinda, Mararie and Yeerongilly Freight: TBC, XPT Cancelled	2/08/2015	23/08/2015	A Week - planned Saturday and Sunday closure of WH network	DPOH - Wire Replacement Project Roma Street to Milton, Sth Bria & Nambury TBC 64TB Turnout Replacement Lugan Rd Spay & Guard Rail Insertion TBC Replace 202 Turnout & Signal Compensating Crown St Spay & Guard Rails	PBD01407-00425 Revision # SEC00278 OH Notification # Signal Notification # PO Notification #
Aug	1	GOA	Nat Vincent	Central		10/08/2015	11/08/2015	No impact on coal route	GOA Posters: Platform 1: 2200 to 0430 Closure & Isolation Platform 6: 0300 to 0430 Closure & Isolation	
Aug	1	WN	Andrew Edbrooke	Cleveland Line	Closure: Mararie to Cleveland 2200 Tues to 0400 Wed Up & Down Suburban Lines Buses Mararie to Cleveland TBC	4/08/2015	5/08/2015	No cancellation of coal services - coal operates on dual gauge line which remains open	TBC	PBD01407-00418 Revision # SEC00266
Aug	1	AL OH MTCSE	Andrew Edbrooke	Cleveland Line	Closure: Mararie to Cleveland 2200 Wed to 0400 Thurs Suburban Lines ISO: 2200 Wed to 0400 Thurs Buses Mararie to Cleveland Freight via Dual Gauge	5/08/2015	6/08/2015	No cancellation of coal services - coal operates on dual gauge line which remains open	Abion Overhead Maintenance Mararie to Mary	
Aug	1	SE		Special Event		6/08/2015	6/08/2015	No impact on coal services	WWE Live - Brisbane Entertainment Centre - Boondall	
Aug	1	SE		Special Event		7/08/2015	7/08/2015	No impact on coal services	Special Event: Eels	
Aug	1	SE		Special Event		10/08/2015	10/08/2015	No impact on coal services	Broncos v Canterbury Bulldogs - Suncorp Stadium Date & Time TBC	
Aug	1	SE		Special Event		8/08/2015	8/08/2015	No impact on coal services	Brisbane Lions v Gold Coast Suns - Gabba	
Aug	1	SE		Special Event		13/08/2015	17/08/2015	No impact on coal services	Broncos v St George Illawarra Dragons - Suncorp Stadium Date & Time TBC	
Aug	1	SE		Special Event		15/08/2015	15/08/2015	No impact on coal services	Brisbane Lions v Carlton	
Aug	1	SE		Special Event		20/08/2015	24/08/2015	No impact on coal services	Titans v Canberra Raiders - Cbus Super Stadium (Robina) Date & Time TBC	
Aug	1	AL OH MTCSE	Nat Vincent	Inner City Line	Closure: Roma St to Bowen Hills 2245 Wed to 0400 Thurs All Lines ISO: 2245 Wed to 0400 Thurs Buses: Roma St to Abion & Ferry Grove Freight: via Exhibition	19/08/2015	20/08/2015	No impact on coal route	Abion Overhead Maintenance	
Aug	1	SE		Special Event		23/08/2015	23/08/2015	No impact on coal services	Steam Train Roma St City Loop 32	
Aug	1	SE		Special Event		23/08/2015	23/08/2015	No impact on coal services	Gold Coast Suns v Essendon - Meriton Stadium	
Aug	1	AL OH MTCSE	Lori Skillington	North Coast	Closure: Burpengary to Elimbah 2300 Sat to 0530 Sun ISO Burpengary to Elimbah Buses TBC	22/08/2015	23/08/2015	No impact on coal route	Abion Overhead Maintenance - Caboolture Neutral Section	
Aug	1	WE PROJ	Nat Vincent	Inner City Line	Closure: Roma St to Indooroopilly 0200 Sat to 2200 Sun Up & Down Man ISO TBC Freight: Via South Brisbane	22/08/2015	23/08/2015	No impact on coal route	Spay & Guard Rail Insertion Cribb St Up Man	
Aug	1	AL OH MTCSE	Nat Vincent	Inner City Line	Closure: Corinda to Bowen Hills & South Brisbane All Roads 2245 Sun to 0340 Mon ISO 1: Roma St Neutral Section to Bowen Hills & Tarrago 2245 Sun to 0400 Mon Buses Bowen Hills / Abion to Corinda & Park Rd TBC Freight - Closure during Natural Freight Window	23/08/2015	24/08/2015	No impact on coal route	Abion Overhead Maintenance	
Aug	1	WN	Lori Skillington	North Coast	Closure: Northgate to Petrie 2200 Mon to 0400 Tues Up Line Buses Northgate to Petrie TBC Freight TBC	24/08/2015	25/08/2015	No impact on coal route	TBC	Revision # SEC00268 PBD01409-00139
Aug	1	WN	Lori							

Attachment 3 – SCAS COG Minutes for February 2015

Meeting Minutes

SCAS COG Meeting

Date: 10 February 2015

Time: 1500 – 1600 hours

Attendees:

[REDACTED]

Apologies:

[REDACTED]

18-19 April 2015 Ferny Grove SCAS extended to include the Inner City

Uninterruptible Power Supply (UPS) Fortitude Valley

Conversion of eight Signal Heads to LED's Central to Fortitude Valley

1.

- **09 December 2014 SCAS COG** - Endorsed pending contingency arrangements.
- **13 January 2015 SCAS COG** - Contingency arrangements endorsed.
- **27 January 2015 - Special Event request to reschedule complete shutdown due to a special event (ANZAC run)**. Proposed reschedule date – 11 to 12 April 2015. Move the Ferny Grove shutdown, including the extended Inner City portion for the Fortitude Valley UPS and extend to include the Roma Street 208 Diamond replacement. Bus operations Corinda, South Brisbane to Albion and Ferny Grove.
- Cannot be supported by Network due to Easter 4 day Northcoast Shutdown and the associated Faid constraints.

Proposed options:

- **11 to 12 April 2015**. Ferny Grove SCAS and Fortitude Valley UPS / LED upgrades. (Bus Operations Roma Street to Bowen Hills and Ferny Grove)
- **16 to 18 May 2015 Inner City SCAS** – Include (Stage 1) 208 Diamond
- **12 to 14 September 2015 Inner City SCAS** – Include (Stage 2) 208 Turnout replacement.

The SCAS COG attendees endorsed this proposed option pending GM confirmation. Approval was received and communicated 13 February 2015.

268 & 269 Turnout Replacement project Fortitude Valley

Monday 09 February 2015, The Project Manager confirmed the Turnout replacement staging requirements to commence in the second half of 2015.

- 5 weekend stages required to complete the Turnout Replacements works.

Meeting Friday 13 February 2015 to confirm arrangements.

2.

CP discussed the staging requirements commencing after Riverfire (September 2015). There was a meeting scheduled for 13.02.2015 with the Project team to discuss their requirements and associated dates. Due to the operational impacts once this project commences which results in the turnouts being out of use, there is a requirement for the 5 stages to be completed as quickly as possible.

Below are the proposed dates to be discussed during the March SCAS COG;

1. 17 – 19 October 2015
2. 07 – 09 November 2015 (Current Inner City SCAS)
3. 19 – 21 December 2015
4. 09 – 11 January 2016
5. 13 – 15 February 2016 (Current Inner City SCAS)
6. Contingency date, 19 – 21 March 2016

MBRL Project Update

- **Easter 2015 (4 Days) LPA and Isolation**
 - **Times** - 0200 Fri 03 to 0200 Sun 05 April 2015
 - **Bus Operations** – Northgate to Gympie North
 - **Freight** – No Freight

 - **Times** - 0200 Sun 05 to 2359 Mon 06 April 2015
 - **Bus Operations** – **Strathpine** to Caboolture
 - **Freight Path**
 - 1600hrs to 2359hrs Sunday 5 April – All Roads open to Freight
 - 0800hrs to 1000hrs Monday 6 April – SLW Down Main Line
 - 1545hrs to 1745hrs Monday 6 April – SLW Down Main Line

- **June 2015 Northcoast SCAS (3 Days)**
 - **Times** – 0200 Sat 06 to 0200hrs Mon 08 June 2015
 - **Bus Operations** – Northgate to Gympie North
 - **Freight** – No Freight

 - **Times** – 0200 to 2359hrs Mon 08 June 2015
 - **Bus Operations** – Strathpine to Caboolture
 - **Freight** – Path TBC

- **August 2015 Northcoast SCAS (2 Days)**
- **October 2015 (3 Days) Details TBC**
- **Christmas 2015 (7 Days) Staged Commissioning**
 - **Times** – 2300hrs Thu 24 to 2300hrs Thu 31 December 2015 TBC due to New Years Eve.
 - **Buses** – Zillmere/Bald Hills to Caboolture TBC
 - **Freight** – Windows TBC
- February 2016 Northcoast SCAS (2 days) Final Commissioning

CP discussed the Easter 2015 4 day shutdown arrangements. Confirmation of future staging required including the Christmas 2015 start and finish times.

01 – 02 August 2015 Gold Coast SCAS. Suns V Westcoast 01 August 2015

11 November 2014 SCAS COG - Special Events tabled a potential conflict with 01 – 03 August 2015 Gold Coast SCAS detailed below;

1. Gold Coast Suns V's Westcoast scheduled for 01 August 2015
2. NRL Draw was not finalised, therefore delaying the proposed alternate weekend

09 December 2014 SCAS COG the following was discussed;

1. Awaiting NRL draw release on 15 December 2014 to confirm game dates

4. 13 January 2015 SCAS COG the following was discussed;

1. NRL draw confirmed Titans playing Friday 24 July 2014
2. It was proposed that the Gold Coast SCAS be rescheduled to 25 – 26 July 2014

Freight representatives rejected this option as it resulted in two West Moreton Coal A weeks for July 2015

Proposed reschedule date – 19 to 20 September 2015

CP proposed the above date. Supply Chain South advised the realignment of the required A week was not possible due to other planned works which align to the current A week (12 – 13 September 2015)

Further discussions required to confirm the following;

- Can the Inner City SCAS be rescheduled to 19 – 20 September 2015
- Can the Gold Coast SCAS be scheduled for the 12 – 13 September 2015

Western Corridor October 2015.

Wulkuraka (NGR) Commissioning October 2015 will need to align with an A week.
25/26 October Western SCAS will require rescheduling or amalgamation with the Wulkuraka commissioning shutdown 3, 4 & 5 October 2015.

Ongoing review of the MBRL and NGR programs to identify if both projects require 3 days to complete works as there is a potential for MBRL to complete works over a 48hr window with another potential up to 24hr window in November. Further communications will take place once information is available.

5.

Note: The 24 – 25 October was tabled as an optional date for MBRL however not endorsed by Freight as this would result in up to a 72hrs impact to customers.

- Supply Chain South advised that there is an option to reschedule the 20hrs regional shutdown (Monday 26 October 2015) pending MBRL project requirements.
- MBRL are currently analysing their program to identify suitable options.

Confirmation required for regional shutdowns (Western Tunnel closures)

- Supply Chain South advised approximately April 2015 until the Toowoomba Range tunnel project arrangements will be available.

Roma Street Contact & Catenary Replacement Project

The following options have been proposed for the replacement of the Contact and Catenary wire at Roma Street commencing the second half of 2015 with a completion date of June 2017. During these proposed options, Roma Street will be isolated which will result in extended bus operations (Bowen Hills/Albion to Corinda and South Brisbane)

6.

1. **1 X 4/5 day shutdown – i.e. Easter 2016**
2. **2 X 3 day shutdowns plus multiple partial shutdowns between Roma Street and Milton i.e. Australia Day**
3. **8 X 2 day shutdowns – Alter existing Inner City SCAS limits**
4. **Additional partial shutdowns Main lines or Suburban lines at Roma Street.**

Preferred option;

1. Extended 4 day shutdown in conjunction with several 2 day shutdowns
2. 8 X 2 day shutdowns and several partial shutdowns

CP discussed the above proposed requirements. Further information will be provided after the Network SCAS workshop to review future SCAS shutdown requirements.

General Business

7.

1. Aurizon 60hrs shutdown Callemondah to Rocklands 0500hrs Monday 13 to 1900hrs Thursday 16 July 2015. Potential extended weeknights in SEQ for MBRL. Supply Chain South will confirm arrangements Thursday 12 February 2015. Potential extended week night closures (with bus operations) to be arranged for MBRL.
2. Network SCAS shutdown review. CP discussed the Network review of the current and future SCAS shutdown limits ensuring alignment to future project requirements. Further information will be communicated when available.

Attachment 4 – Western Corridor Alignment Calendar 25-9 to 4-10

WEEK TYPE
 A = 48 HRS SAT/SUN
 B = NIL POSSESSION
 C = 12 HRS SUN
 D = 12 HRS MON

48 Hour Closures
Conflicts
Maintenance Time Available
Recent Changes / Additions



Western Coal Supply Chain

Western Corridor Alignment Calendar 2015

NB: Only includes TOTAL CLOSURES Corinda to Roma Street

Last updated 22/09/15

Weekend	Week Type	Times	Location	Western	Suburban	
SAT 26/09/2015	C		Roma Street to Toowoomba	Carnival of Flowers - 19th to 26th September 2014	Roma Street to Toowoomba Services running 19th, 20th and 23rd. Toowoomba to Spring Bluff twice daily 20/9 to 26/9	
SUN 27/09/2015	C	0700 Sun - 1700 Sun	Redbank - Rosewood		No Train Period	
		0630 Sun - 1900 Sun	Yarongmulu - Laidley	Formation		
		0600 Sun - 1800 Sun	Rywung - Columboola	Formation		
		0700 Sun - 1100 Sun	Toowoomba to Murphy's Creek	Ballast		
		0600 Sun - 1800 Sun	Grantham - Helidon	Bridge Maintenance		
		0600 Sun - 1800 Sun	Spring Bluff - Rangeview	Re-sleepering / Drain Renewal		
SAT 03/10/2015	A	0600 Sat - 1800 Mon	Spring Bluff - Rangeview	Re-Railing		
		0600 Sat - 1800 Mon	Oakey Yard	Bridge Construction		
		0600 Sat - 1800 Mon	Bowenville - Koomi	Bridge Construction		
		0600 Sat - 2000 Sun	Baining - Macalister	Formation		
		1030 Sat - 1800 Sat	Dalby Yard	Bridge Maintenance		
		0200 Sat - 0230 Tue	Corinda - Rosewood		Wulkuraka Stable Yard works - Commissioning. Westlander stows Toowoomba	
SUN 04/10/2015	A	0600 Sat - 1800 Mon	Spring Bluff - Rangeview	Re-Railing		
		0600 Sat - 1800 Mon	Oakey Yard	Bridge Construction		
		0600 Sat - 1800 Mon	Bowenville - Koomi	Bridge Construction		
		0600 Sat - 2000 Sun	Baining - Macalister	Formation		
		0730 Sun - 1800 Sun	Dalby Yard	Bridge Maintenance		
		0200 Sat - 0230 Tue	Corinda - Rosewood		Wulkuraka Stable Yard works - Commissioning. Westlander stows Toowoomba	
MON 5/10/2015	B	LABOUR DAY				
		0600 Sat - 1800 Mon	Spring Bluff - Rangeview	Re-Railing		
		0600 Sat - 1800 Mon	Oakey Yard	Bridge Construction		
		0600 Sat - 1800 Mon	Bowenville - Koomi	Bridge Construction		
		0700 Mon - 1700 Mon	Oakey - Jondaryan Coal Siding	Re-sleepering		
		0600 Mon - 1800 Mon	Dalby Yard	Bridge Maintenance		
		0700 Mon - 1700 Mon	Laidley - Galton	Re-sleepering		
		0200 Sat - 0230 Tue	Corinda - Rosewood		Wulkuraka Stable Yard works - Commissioning. Westlander stows Toowoomba	
SAT 10/10/2015	B					
SUN 11/10/2015	B					

Attachment 5 – SCAS Calendar 25-9 to 4-10

	Western Corridor
	Gold Coast Line
	Inner City Line
	Shorncliffe Line
	North Coast Line
	Cleveland Line
	Ferry Grove Line
	Closure Requiring Rescheduling
	Weeknight Closure (SCAS)



Shutdowns, Closures and Isolations 2015

Updated 25/09/2015

Mth	SCAS	Shut Co-or	Corridor	Shutdown Details	Start Date	Finish Date	Major Planned Works / Special Events
Sep	SE		Special Event		25/09/2015	26/09/2015	NRL Preliminary Finals - Times & Locations
Sep	SE		Special Event		26/09/2015	26/09/2015	Riverfire
Sep	SE		Special Event		27/09/2015	27/09/2015	Intrust Super Cup Grand Final Suncorp Stadium
Sep	AL OH MTCE	Mark Paynter	Western Corridor	Closure: Redbank to Rosewood All Lines 0700 to 1700 Sun ISO: 0200 to 1700 Sun Buses: Redbank to Rosewood Freight: Closure during freight Free Window	27/09/2015	27/09/2015	Albion Overhead Maintenance Insert Wulkaraka Footbridge
Sep	AL OH MTCE	Lori Skillington	North Coast	Closure: Bowen Hills to Northgate 2245 Sun to 0400 Mon ISO 1: 2245 Sun to 0400 Mon Buses: Bowen Hills to Northgate Freight: Closure during Natural Freight Window	27/09/2015	28/09/2015	Albion Overhead Maintenance Signal signage EJ32 & EJ36
Sep	SE		Special Event		28/09/2015	28/09/2015	Maroon 5 Concert - Brisbane Entertainment Centre Boondall
Sep	WN	Mark Paynter	Western Corridor	Closure: Ipswich to Rosewood 2200 Mon to 0400 Tues Down Main ISO Nil Buses Ipswich to Rosewood Freight SLW Up Main	28/09/2015	29/09/2015	Resleeper 52km to 53km DM
Sep	WN	Mark Paynter	Western Corridor	Closure: Ipswich to Rosewood 2200 Tues to 0400 Wed Up Main ISO Nil Buses Ipswich to Rosewood Freight SLW Up Main	29/09/2015	30/09/2015	Resleeper 52km to 53km DM
Sep	AL OH MTCE	Natt Vincent	Inner City Line	Closure: Roma St to Bowen Hills 2245 Wed to 0400 Thurs All Lines ISO: 2245 Wed to 0400 Thurs Buses: Park Rd & Milton to Bowen Hills / Albion Freight: via Exhibition	30/09/2015	1/10/2015	Albion Overhead Maintenance
Sep	WN	Mark Paynter	Western Corridor	Closure: Ipswich to Rosewood 2200 Wed to 0400 Thurs Down Main ISO Nil Buses Ipswich to Rosewood Freight SLW Up Main	30/09/2015	1/10/2015	Resleeper 52km to 53km DM
Oct	WN	Mark Paynter	Western Corridor	Closure: Ipswich to Rosewood 2200 Thurs to 0400 Fri Up Main ISO Nil Buses Ipswich to Rosewood Freight SLW Up Main	1/10/2015	2/10/2015	Resleeper 52km to 53km DM
Oct	WE	Mark Paynter	Western Corridor	Closure: Sherwood to Rosewood incl Springfield Central LPA 1: 0200 Sat to 0230 Tues. All roads. ISO 1: 0200 Sat to 0230 Tues Buses Sherwood to Rosewood Incl Springfield Central Freight Westlander stows Toowoomba. Freight Free 0200 Sat to 0230 Tues (Wheels Free for Wulkaraka NGR 0400hrs Sun to 0200 Tues East Ipswich to Thagoona)	3/10/2015	6/10/2015	Wulkaraka Stable Yard works Commissioning (Wheels Free 0400hrs Sun to 0200 Tues East Ipswich to Thagoona) Recondition Redbank Platform UM & DM Church St Goodna Recondition UM & DM Recondition Rosewood Platform DM Kavanagh Bridge Replacement Thagoona Realign 374 Points Bundamba Undercutting Redbank to Booval Saddlers Xing Bridge Replacement Prep Works
Oct	SE		Special Event		3/10/2015	5/10/2015	Special Event: Labour Day Long Weekend 3-5 October
Oct	SE		Special Event		4/10/2015	4/10/2015	Steam Train Roma St City Loops X2