

DOCUMENT NO.	D2024/13030						
WORK DESCRIPTION	Routine Network Maintenance						
WPP Number	SC62C 10118						
SCOPE:	This SWI is applicable for the worksite protection arrangements using ASB for routine network maintenance performed by the South Coast Maintenance team         Work activities may include:         • Points Maintenance       • KK Testing         • Train Stop Maintenance       • Track Patrol         • Track Circuit Testing       • OHW Inspections         • Turnout Inspections       • Structures Examinations						
AUTHORISATIONS:	Protection Officer: Protection Officer Level 1 or higher Lookout: Handsignaller Level 1 or higher, Protection Officer Level 1 or higher						
SAFETY CONTROLS - Absolute Signal Blocking (ASB) arrangements:	<ul> <li>ASB established to exclude rail traffic on the: <ul> <li>Main Line and Loop Line at Dunmore from 43.25 and 43.27 Signals</li> <li>Main Line and Loop Line at Bombo from 44.26 and 44.28 signals</li> <li>South Coast Branch Line between the above signals</li> </ul> </li> <li>For reference only. The assessed ASB protection is: <ul> <li>43.23 Signal at STOP with blocking facilities applied on City side of the Worksite.</li> <li>43.21 Signal at STOP with blocking facilities applied on City side of the Worksite.</li> <li>43.27 Signal at STOP with blocking facilities applied on City side of the Worksite.</li> <li>43.25 Signal at STOP with blocking facilities applied on City side of the Worksite.</li> <li>44.7 Signal at STOP with blocking facilities applied on City side of the Worksite.</li> <li>44.7 Signal at STOP with blocking facilities applied on the Country side of the Worksite. </li> <li>44.26 Signal at STOP with blocking facilities applied on the Country side of the Worksite.</li> <li>44.26 Signal at STOP with blocking facilities applied on the Country side of the Worksite.</li> <li>44.26 Signal at STOP with blocking facilities applied on the Country side of the Worksite.</li> <li>44.30 Signal at STOP with blocking facilities applied on the Country side of the Worksite.</li> <li>44.6 Signal at STOP with blocking facilities applied on the Country side of the Worksite.</li> <li>44.6 Signal at STOP with blocking facilities applied on the Country side of the Worksite.</li> <li>44.6 Signal at STOP with blocking facilities applied on the Country side of the Worksite.</li> <li>44.6 Signal at STOP with blocking facilities applied on the Country side of the Worksite.</li> <li>44.6 Signal at STOP with blocking facilities applied on the Country side of the Worksite.</li> <li>53 Points at Shellharbour Junction secured in Normal Position</li> <li>50 Points at Bombo secured in the Normal position</li> </ul> </li> </ul>						
PRESTART REQUIREMENTS:	<ul> <li>Protection Officer assessment checklist must be completed before instructions in this SWI are followed.</li> <li>Tools and equipment required: <ul> <li>Protection Officer requires a phone to contact the Signaller</li> <li>Lookouts require a high-visibility arm sleeve and a whistle / horn</li> </ul> </li> </ul>						
FURTHER INFORMATION:	NWT 300 Planning work in the Rail Corridor NWT 308 Absolute Signal Blocking NPR 703 Using Absolute Signal Blocking NGE 200 Walking in the Danger Zone NLA 418 Wollongong – Bomaderry (Nowra)						

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Protection Officer assessment checklist						
Protection Officer's name:			<b>Yes</b> (Tick if Yes)			
This document has not expired 12 months						
On-site safety assessment has been com pre-work briefing (Page 3).						
SWI details and protection arrangements location.						
Corridor Safety Number Protection Officer Signature Date						



### Warning

If an above item does not apply, the Protection Officer must not use this Safe Work Instruction. A new worksite protection plan must be completed in accordance with NRF 014 Worksite Protection Pre-work briefing and NRF 015 Worksite Protection Plan.



#### Worksite Protection Pre-work Briefing

Briefing date:

1

otection Office	r details								
	name	signature	contact						
/ork location:	Dunmore to Bombo								
cope of work:	Routine Network Maintenance								
Worksite protection:         ASB         Refer to Worksite Protection Plan for details									
	e-specific hazards identified, l environment, human errors, plant,	<b>Controls</b> (to be implemented to eliminate or reduce the risk to the lowest practicable level)	Person responsible for Control						
Approaching r	ail traffic	ASB implemented. Workers to remain within worksite limits.	Protection Officer						
Adjacent live li	ines	Designated work and walk areas as instructed by the Protection Officer. Workers must remain within the ASB nominated worksite location limits whilst work is being performed.	Protection Officer						
Access to / Eg	ress from worksite	Protection Officer will assess and instruct when it is safe for workers to use <i>NGE 200 Walking in the</i> <i>Danger Zone</i> to move to and from the worksite or safe place.	All						
Mobile phone	distraction	Mobile phone usage is not allowed in the Danger Zone. Mobile phones may be used only in a safe place after informing the Protection Officer.	All						

ocation:	Sydney Train	s work vehicle	i not aldor:		
orkplace S	upervisor ack	nowledgement			
		es that all identified WHS and rail safety	hazards have the	Yes 🗆	signatu
		e and/or eliminate the hazards.			
rticipant A	Acknowledgem	ent			
	nts of the briefing are t d below acknowledge	to question the Briefer if they don't unders	stand any part of t	his briefing.	
	n inducted to the site		6. have bee	en briefed on the content	ts of the Worksite Protection Plan
2. are free fr	om alcohol and drugs		7. have bee	en shown the Worksite P	Protection Plan diagram
are free fr	om the effects of fatig	ue	8. understa	nd the kinds and limits o	of worksite protection in place
		Rail Safety Worker Authorisation, trade e.g. Construction Industry Induction			v hazards and controls identified during nspection must be conducted immediately
		onal Protective Equipment (PPE)		nmencing work)	···
Mark each check	box below with a tick 🗹 i	if the item applies or a cross 🗵 if the item does	not apply.		
	n informed of the requi	rements of the electrical permit (if	have bee	en made aware of any ha	azardous materials/substances on site
required)			have bee	en briefed on Safety Data	a Sheets (SDS)
have beer for the job		S/SWIs/documented safe work practice	have bee	en briefed on the WHS M	lanagement plan
_	n instructed in the cont	trols recorded in this document and	have bee	en briefed on the hazard	s of adjoining worksites/processes.
Name		Signature	Time of briefi hh:mm	ng:	Amendment briefing: hh:mm and initial
			101.11011		



Workplace Supervisor details

Safe Work Instruction

			name			contact No.
Emergency as	sembly point:	Access Gate		SWMS/SW	/I Ref #:	
First aid kit location:	Sydney Train	s work vehicle		First aider:		

ASB Wo	orksite P	rotectio	on for Du	nmore to	Bombo			Transport Sydney Train
			te Signal Bl					
	st – Protecti		-	JURNING				
		name			signature			contact N
	RSW (	or RIW No.			designation	Planned	Duration	
ype of work:	Routine I	Network Mai	ntenance					
2. Worksite								
on the	Main Line a Shellharbou Coast Branch	nd Loop Line a r Junction, Sou Line and Main I Line at Bombo	th from		3.25 signals at Imore	to 44.2	28 and 44.26 \$ Bombo	
Protection t	o be used							
			) at STOP with facilities applie		Points secu	red		
otection is re	quired from o	other Signalle	rs at		_ocation / pane		1	_ocation / pane
Assurances	5	-	L				L	
	-	fected portion	n of track are p	rotected and b	-			
he last rail tr he protection			rail tra	affic ID rail tra	st known locat ffic is			loca
onfirm that th	ere is no rail t	traffic betwee	n the protection	on and the work	site 🗖			
Authorisation								
	/	name		Sout	n Coast Panel		hr	1 1
Protection			Notes					
Number	rily Suspend	ling ASB						
Provide the worksite loca	name and		Provide the worksite loc			Provide the nai worksite locatio		C
	d equipment a Danger Zone	are		d equipment ar Danger Zone	•	Workers and e		re 🗌
	ection numbe	er 🗌		ection number		Provide protect	-	r 🗆
ASB suspen	ided at	hr	ASB susper	ided at	hr	ASB suspende	d at	
7. Re-estab	lish ASB ass	surances						
The worksite identical	e location is		The worksite	e location is		The worksite lo identical	ocation is	
	entry into the tion of track a			entry into the tion of track are	, D	All points of en affected portior protected and l	n of track ar	re D
facilities app	lied		facilities app	lied		facilities applie	d	
The last rail pass the pro		rail traffic ID	The last rail pass the pro		rail traffic ID	The last rail tra pass the protec		rail traffi
The last kno of rail traffic		location	The last kno of rail traffic		location	The last known of rail traffic is	location	loca
	approaching i en the protec ksite			approaching ra en the protections the site		There is no app traffic between and the worksit	the protect	
ASB re-esta	blished at	hr	ASB re-esta	blished at	hr	ASB re-establis	shed at	
Protection Number			Protection Number			Protection Number		
Ending Provide name vorksite locat			s and equipme the Danger Zo		Provide prote number	ction	Ended at	h

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Safe	Work	Instr	uction
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6. Temporarily Suspendi	ng ASB								
Provide the name and worksite location						Provide the worksite loc			
Workers and equipment a clear of the Danger Zone	re 🗌	Workers and equipment are [ clear of the Danger Zone			Workers and equipment are clear of the Danger Zone				
Provide protection number	· 🗆	Provide prot	ection numbe	r		Provide pro	tection nur	nber	
ASB suspended at	hr	ASB suspen	ided at		hr	ASB susper	nded at		hr
7. Re-establish ASB ass	urances								
The worksite location is identical		The worksite identical	e location is			The worksit	e location i	is	
All points of entry into the affected portion of track ar protected and blocking facilities applied	e 🗆			re		All points of affected por protected an facilities app	tion of trac nd blocking	k are	
The last rail traffic to pass the protection was	rail traffic ID	The last rail pass the pro		ra	ail traffic ID	The last rail pass the pro		as	rail traffic ID
The last known location of rail traffic is	location	The last kno of rail traffic			location	The last kno of rail traffic		on	location
There is no approaching ra traffic between the protect and the worksite			approaching r en the protect ksite			There is no traffic betwe and the wor	en the pro		
ASB re-established at	hr	ASB re-esta	blished at		hr	ASB re-esta	blished at		hr
Protection Number		Protection Number				Protection Number			
Notes									
6. Temporarily Suspendi	ng ASB								
Provide the name and worksite location		Provide the worksite loc				Provide the worksite loc			
Workers and equipment a clear of the Danger Zone	re 🗌	Workers and equipment are clear of the Danger Zone			Workers and clear of the				
Provide protection number		Provide prot	ection numbe	r		Provide pro	tection nur	nber	
ASB suspended at	hr	ASB susper	ided at		hr	ASB susper	nded at		hr
7. Re-establish ASB ass	urances								
The worksite location is identical		The worksite location is identical		The worksite location is identical					
All points of entry into the affected portion of track ar protected and blocking facilities applied	All points of entry into the affected portion of track are protected and blocking facilities applied			All points of affected por protected an facilities app	tion of trac nd blocking	k are			
The last rail traffic to pass the protection was	rail traffic ID	The last rail pass the pro		ra	ail traffic ID	The last rail pass the pro		as	rail traffic ID
The last known location of rail traffic is	location	The last kno of rail traffic			location	The last kno of rail traffic		on	location
There is no approaching rates the protect and the worksite			approaching r en the protect ksite			There is no approaching rail traffic between the protection and the worksite			
ASB re-established at	hr	ASB re-esta	blished at		hr	ASB re-esta	blished at		hr
Protection Number		Protection Number				Protection Number			

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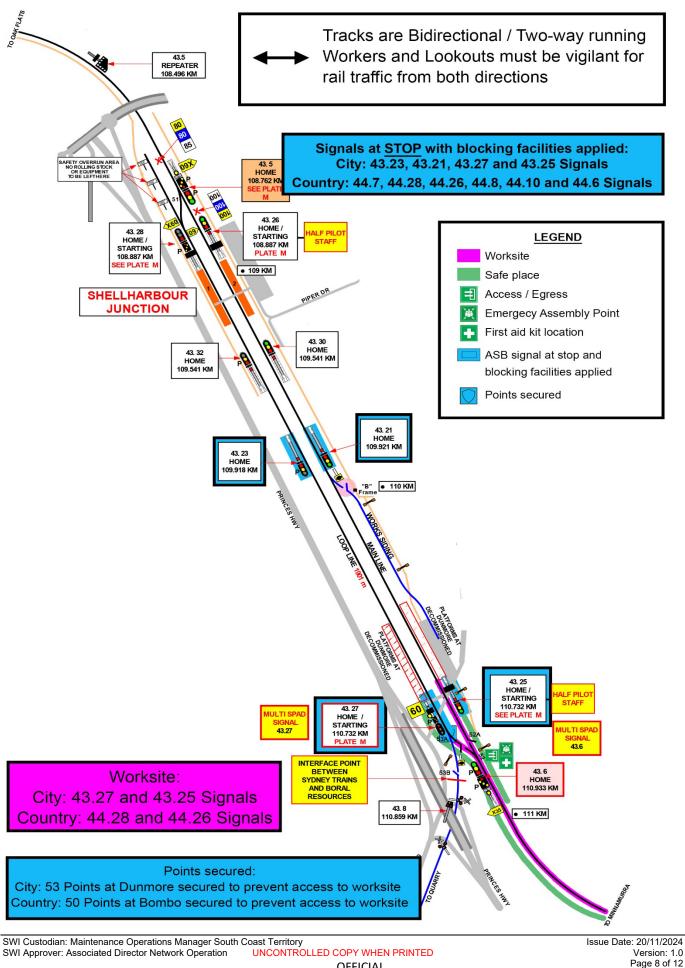
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INSTRUCTIONS:	1. Workers enter the rail corridor via 100 110.760 D Access Gate.
	2. Protection Officer briefs workers about the worksite protection arrangements.
	3. Protection Officer contacts the Signaller at South Coast Panel to request ASB.
	4. After ASB has been authorized. start work within the limits of the nominated worksite location.
	5. After work is complete, workers move to a safe place.
	6. Protection Officer contacts the Signaller at South Coast Panel to end ASB.
	7. All workers egress the rail corridor via 100 117.683 U Access Gate.
ADDITIONAL DETAILS	Suspending ASB If the ASB is required to be suspended, the Protection Officer must make sure all workers and equipment are clear of the Danger Zone and are in a safe place before suspending the ASB.
Access Gates:	
	Image 1: Access gate 100 110.760 D at the end of Dunmore RD. (Old level crossing)
	Image 2: Access gate 100 117.683 U off Princes Highway (Commuter carpark)

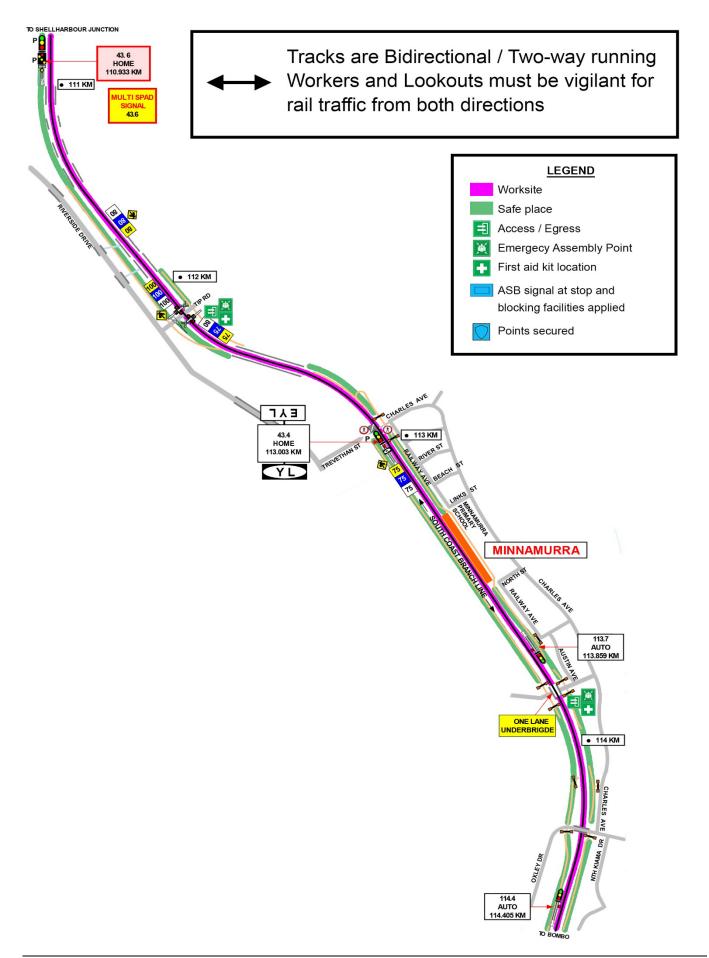


Diagram



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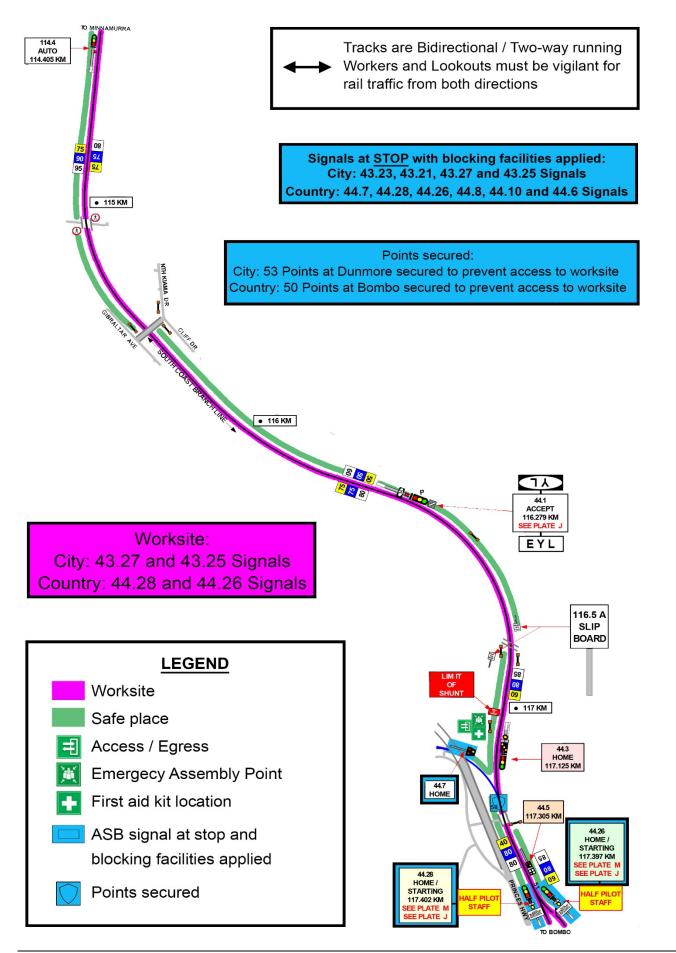
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Transport

**Sydney Trains** 

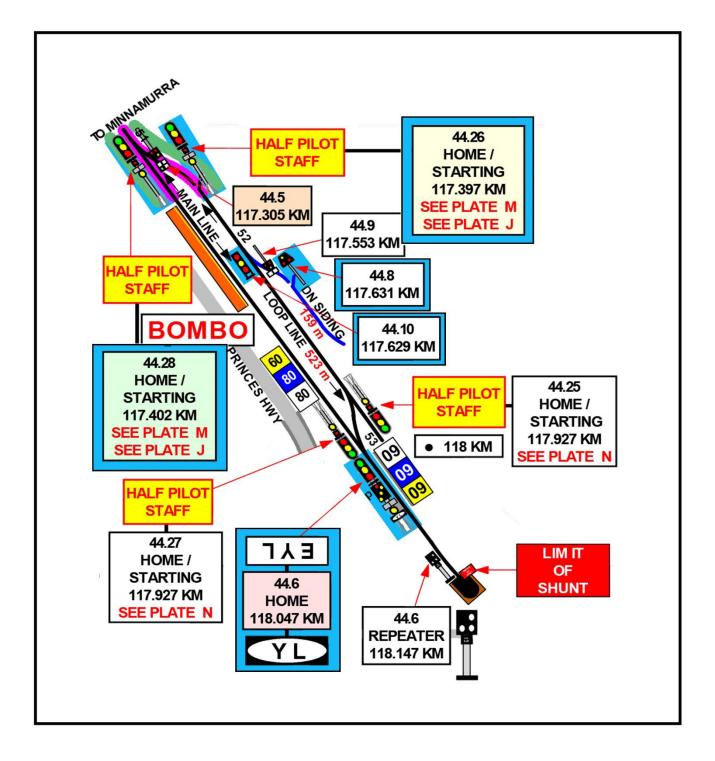




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**Protection Officer's diary** 

Date	Time	Notes
	1	
	1	
	1	