

DOCUMENT NO.				
WORK DESCRIPTION	Routine network maintenance activities			
WPP Number	SC18B 10326 SAP Code RWPP6016			
SCOPE:	This SWI is applicable for the worksite protection arrangements using lookout working concerning routine network maintenance, defect management and repair of assets within the limits specified below and in the attached plan.			
	 Work activities include: Routine preventative and corrective work such as inspections and maintenance as appropriate for the type of protection being applied as part of this plan. 			
AUTHORISATIONS:	Protection Officer: Protection Officer Lookout: Engineering Hand signalle	cer Level 1 or higher er Level 1 or higher or Protection Off	icer Level 1 or higher.	
SAFETY CONTROLS: Lookout working arrangements	The nominated worksite location for Lookout Working includes the South Coast branch Line, Main Li Loop Line, Works Siding & Boral Quarry Siding between 43.5 Home Signal and 43.6 Home Signal The nominated worksite location for Lookout Working is a moving worksite, where workers are work along the track within the limits of the nominated worksite location up to the where the Lookout is			
	established. As work moves along the track, the Protection Officer must assess the new location and:			
	Establish and/or re-establish Lookouts as required to watch for approaching ra entry points			
	 Designate and instruct wh the work route within the 	se as the work is completed along		
PRESTART	Protection Officer assessment checklist must be completed before instructions in this SWI are followed Tools and equipment required:			
REQUIREMENTS:	·	es a phone to contact the Signaller.		
		visibility arm sleeve and a whistle/ho	orn.	
FURTHER	NWT 300 Planning work in the Rail Corridor			
INFORMATION:	NWT 310 Lookout Working			
	NPR 711 Using Lookouts			
	NPR 751 Calculating Minimum Wa	_		
	NPR 712 Protecting work from rail	traffic on adjacent lines		
	NGE 200 Walking in the Danger Zo	ne		
	NLA 418 Wollongong - Bomaderry			
	Lookout Working Prohibited Locati	ons Register		

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Protection Officer assessment checklist			
Protection Officer's name:			Yes (Tick if Yes)
This document is still current at the time of date)			
SWI details and protection arrangements location, including:	have been reviewed and validated for the a	assessed worksite	
 On-site safety assessment has been completed for relevancy of works being undertaken The required protection details, environment and tasks are unchanged from the details of this SWI 			
The Protection Officer and Qualified Workers deploying qualifications are current and have practiced in the last 6 months. If not practiced, then a Rail Safety Coach must be contacted for guidance.			
Corridor Safety Number Protection Officer Signature Date			

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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.

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Worksite Protection Pre-work Briefing

			Briefing date:	1 1
Protection Office	r Details			
	name	signatur	е	contact No.
Work location:				
Scope of work:	Routine network main	tenance activities		
Worksite protecti	on: Lookout Working		Refer to Worksite Protection	on Plan for details

Hazards (e.g. Site specific hazards identified, including physical environment, human errors, plant and equipment)	Controls (to be implemented to eliminate or reduce the risk to the lowest practicable level)	Person responsible for Control
	Lookouts must be trained and competent to perform lookout duties.	
	Lookouts must be rotated if performing lookout for extended periods of time	Protection Officer
Struck by rail traffic	Workers to remain within worksite limits as set out in this procedure.	& Lookout
	Lookouts must be placed as per protection plan on page 8.	
	Workers are to stop work and move to a safe place immediately on being warned by the lookouts	
Live adjacent lines	Lookouts must provide warning to workers when rail traffic is approaching from the adjacent line in either direction.	Protection Officer & Lookout
Two - way running / multiple entry points into worksite	One Lookout placed watching each direction before work starts. Lookouts are to warn workers of approaching rail traffic, including rail traffic entering or travelling within the worksite. Workers are to stop work and move to a safe place.	Protection Officer & Lookout
Obstruction to Minimum Sighting Distance	Lookouts must provide warning to the workers whenever their line of sight is obstructed by passing rail traffic. Workers must stop work and move to a safe place and reassess positioning and method	Protection Officer & Lookout
Adjoining/Surrounding Worksites	Lookouts must have two independent audible warning devices that can be heard by workers over any noise generated by adjoining/surrounding worksites.	Protection Officer & Lookout
	Lookouts are to provide warning if their line of sight is obstructed by adjoining/surrounding worksites.	
Access to / Egress from worksite	Access and egress points must be agreed prior to entering the danger zone, consideration should be given to ease of access and safest possible entry and exit points.	All
Slips, trips, falls and hazards carrying equipment	Protection Officer will assess and instruct when it is safe for workers to use NGE 200 Walking in the Danger Zone to move to the worksite or safe place.	



Mobile phone	Mobile phones use is not permitted in the danger zone unless being used by maintenance staff for critical maintenance communications or recording of defects.	All

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Norkplace	Supervisor	Details
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Work	place Sup	pervisor Details	;			
			name			contact No
Eme	ergency as	sembly point:	Access Gate	SWMS/SW	/I Ref #:	
	t Aid kit	7.		First		
	tion:	Sydney Train	s work vehicle	Aider:		
Work	kolace Si	upervisor Ack	nowledgement			
	_		es that all identified WHS and rail safety l	nazarde have th		oieneture
			e and/or eliminate the hazards.	iazaius iiave iii	e Yes ∐	signature
Parti	cipant A	cknowledgem	ent			
	-		to question the Briefer if they don't unders	tand any part of	f this briefing	
		below acknowledge		tana any parto	the blicking.	
1.	have been	inducted to the site		5. have be	een briefed on the contents	s of the Worksite Protection Plan
2.	are free fro	m the effects of alcol	hol/drugs/fatigue	6. have be	een shown the Worksite Pr	otection Plan diagram
3.			Rail Safety Worker Authorisation, trade			worksite protection in place
4.			e.g. Construction Industry Induction Protective Equipment (PPE)			hazards and controls identified during spection must be conducted immediately
4.	wear trie ap	opropriate i ersonari	Totective Equipment (FT E)		ommencing work)	specificit must be conducted infinediately
Mar	k each check b	ox below with a tick 🗹	if the item applies or a cross 🗷 if the item does	not apply.		
		informed of the requi	irements of the electrical permit (if	☐ have be	een made aware of any ha	zardous materials/substances on site
l	required)			☐ have be	een briefed on Safety Data	Sheets (SDS)
	have been for the job	briefed on the SWMS	S/SWIs/documented safe work practice	have been briefed on the WHS Management plan		
	have been instructed in the controls recorded in this document and SWMS/SWIs			have been briefed on the hazards of adjoining worksites/processes.		
Nar	me		Signature	Time of brie	fing:	Amendment briefing: hh:mm and initial
				1111.111111		THE THE ATTLE HILLIAN

SWI Custodian: Maintenance Operations Manager South Coast Territory SWI Approver: Deputy Executive Director Network Maintenance

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Worksite Protection Plan - Lookout Working

Signaller Deta	ails					
	name	Wollong	ong Coast Panel			02 4223 5766
Protection Of	ficer Details			, .		
	name		signature			contact No.
	RSW or RIW No.		designation	Pla	anned duration	
Workplace S	upervisor details:					
Type of work	: Routine network maintenan	се				
Worksite	Location					
On the		South Coas	st Branch Line			
		Loo	p Line			
		Mai	n Line			
		Boral Qu	arry Siding			
	42 F Hama Cia	····al		42.0	Hama Cimal	
between	43.5 Home Sig	jnai :	and	43.6	Home Signal	
Has the Looko Warning meth	out Working Prohibited Locati	ons Register been cons Horn/Whistle	sulted? Yes □ Voice/Touch			
Minimum Wa	rning Time Calculations					
Maximum track	k speed 100 km/r					
Number of Loc	okouts used	2 Position of Lool	kouts 108.700 kr	m to	110.933 km	Note - Lookouts are relocated to positions within these KMs as
Number of add	litional Lookouts* used	1 Position of Lool	kouts 108.550kr	m to	km	workers move along the worksite.
7 sec +	3 sec + 10 sec		20 sec 85 k	m/h	473 metres	* Add an additional 5 seconds of See Time if an additional Lookout is
2 sec +	1 + 1	= Minimum Warning Time		100 m/h	417 metres	Note – Additional
2 sec +	3 sec 10 sec	(MWT)	15 sec 60 k	m/h	250 metres	MWT calculations can be recorded in the Protection
See Time (S)	Move Time (M) Safe Time	S+M+10 sec = MWT)	Track s	speed	Minimum Sighting Distance as calculated	Officer's Diary.
Where are the Lookouts:	e safe places identified for		workers?			
_	Up Cess, Down Cess and Pla	ttorms				
Workers:	Up and Down cess					

Ensure the workers have been briefed about these work details \qquad Yes \square

Diagrams, notes, and detailed instructions are over the next pages. These are to be read and followed as part of this worksite protection plan for Lookout Working.

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INSTRUCTIONS:

- Workers enter the rail corridor via Access Gate 100 110.760 D
- 2. Protection Officer briefs workers about the worksite protection arrangements.
- 3. Protection Officer contacts **Wollongong Coast Panel** and tells the Signaller about the use of Lookout Working.
- 4. Establish Lookouts at designated locations.
- 5. Workers start work up to designated locations.
- 6. Workers move to safe place.
- 7. Re-establish Lookouts at next designated location.
- 8. Repeat steps 5-7 until work is complete.
- 9. Workers move to a safe place.
- 10. Recall lookouts.
- 11. Workers egress the worksite via Acces Gate on Down Cess Wollongong Side of Shellharbour Platforms
- 12. Protection Officer contacts Wollongong Coast Panel to end Lookout Working.

ADDITIONAL DETAILS

Obstruction to Minimum Sighting Distance

Stabled rail traffic on any tracks and conditions on the day may obstruct minimum sighting distance. When this hazard is identified, workers must stop work and move to a safe place until the Protection Officer makes an assessment and relocates lookouts to achieve the required minimum sighting distance.

Multiple entry points / two-way running

South Coast Branch Line, Main Line and Loop Line are bidirectional lines. Rail traffic movements can occur in any direction at any time between 43.5 Signal and 43.6 Signal

A Lookout is established for each direction of rail traffic approach and provide warning for any rail traffic approach. Workers must move into a safe place upon a Lookout providing warning regardless of which line the rail traffic is approaching on.

No work to take place between platforms under this RNMWPP, workers must access platforms and travel in a safe place when crossing platform limits.

No safe place within Shellharbour Junction platform limits

Workers must not work or walk on the portion of tracks within the platform limits.

Workers must walk on the platform.

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LOOKOUTS



Image 1: Additional Lookout - Wollongong side of worksite



Image 2: Primary Lookout view- Wollongong Side of Shellharbour



Image 3: Lookouts View facing Kiama from P2



Image 4: Lookouts View facing Wollongong at B Frame





Image 5: Lookouts view from B Frame facing Kiama on the Kiama side of the Worksite



Image 6: Lookouts View facing Kiama on the Boral Quarry Siding

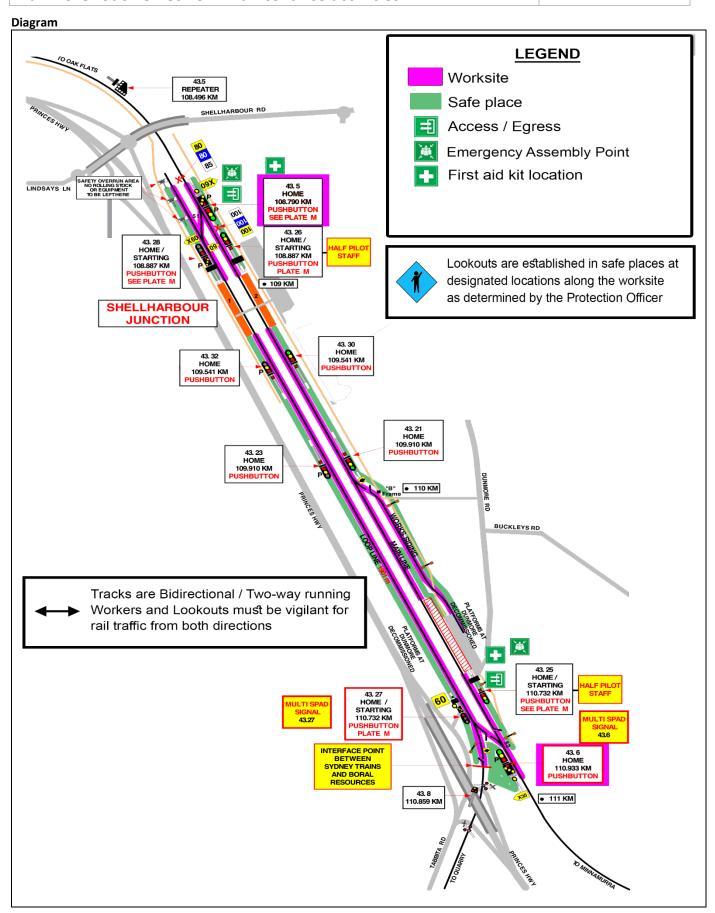


Image 7: Lookouts View Kiama side of Worksite facing Kiama



Image 8: Lookouts View Kiama Side of Worksite facing Wollongong





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Protection Officer's diary

Date	Time	Notes
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