

## Lookout Working Worksite Protection for Dapto Routine Network Maintenance Activities

<b>DOCUMENT NO.</b>	D2023/7923
<b>WORK DESCRIPTION</b>	Routine Network Maintenance Activities
<b>WPP Number</b>	SC31B 10118
<b>SCOPE:</b>	<p>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.</p> <p>Work activities include:</p> <ul style="list-style-type: none"> <li>Routine preventative and corrective work such as inspections and maintenance as appropriate for the type of protection being applied as part of this plan.</li> </ul>
<b>AUTHORISATIONS:</b>	<p><b>Protection Officer:</b> Protection Officer Level 1 or higher</p> <p><b>Lookout:</b> Engineering Hand signaller Level 1 or higher or Protection Officer Level 1 or higher.</p>
<b>SAFETY CONTROLS:</b> <b>Lookout working arrangements</b>	<p>The nominated worksite location for Lookout Working includes the <b>South Coast Branch Line, Main Line, Loop Line and Terminating Dock Road</b> between <b>41.3 Home Signal</b> and <b>41.6 Home Signal</b></p> <p>The nominated worksite location for Lookout Working is a moving worksite, where workers are working along the track within the limits of the nominated worksite location up to the where the Lookout is established.</p> <p>As work moves along the track, the Protection Officer must assess the new location and:</p> <ul style="list-style-type: none"> <li>Establish and/or re-establish Lookouts as required to watch for approaching rail traffic from all entry points.</li> <li>Designate and instruct which safe places the workers are to use as the work is completed along the work route within the worksite limits.</li> </ul>
<b>PRESTART REQUIREMENTS:</b>	<p>Protection Officer assessment checklist must be completed before instructions in this SWI are followed.</p> <p>Tools and equipment required:</p> <ul style="list-style-type: none"> <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>
<b>FURTHER INFORMATION:</b>	<p><i>NWT 300 Planning work in the Rail Corridor</i></p> <p><i>NWT 310 Lookout Working</i></p> <p><i>NPR 711 Using Lookouts</i></p> <p><i>NPR 751 Calculating Minimum Warning Time</i></p> <p><i>NPR 712 Protecting work from rail traffic on adjacent lines</i></p> <p><i>NGE 200 Walking in the Danger Zone</i></p> <p><i>NLA 418 Wollongong – Bomaderry (Nowra)</i></p> <p><i>Lookout Working Prohibited Locations Register</i></p>

**Protection Officer assessment checklist**

Protection Officer's name:		Yes (Tick if Yes)
This document has not expired 12 months beyond the issue date.		
SWI details and protection arrangements have been reviewed and validated for the assessed worksite location, including: <ul style="list-style-type: none"> <li>On-site safety assessment has been completed for relevancy of works being undertaken.</li> <li>The required protection details, environment and tasks are unchanged from the details of this SWI.</li> </ul>		
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



**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.*

**Safe Work Instruction**

**Lookout Working Worksite Protection for Dapto Routine Network Maintenance Activities**



**Worksite Protection Pre-work Briefing**

Briefing date:

**Protection Officer details**

Work location:

Scope of work:

Worksite protection:  Refer to Worksite Protection 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
<ul style="list-style-type: none"> <li><b>Approaching rail traffic</b></li> </ul>	Lookouts must be trained and competent to perform lookout duties. Lookouts must be rotated if performing lookout for extended periods of time. Workers to remain within worksite limits as set out in this procedure. 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	Protection Officer and Lookout
<ul style="list-style-type: none"> <li><b>Live adjacent lines</b></li> </ul>	Lookouts must provide warning to workers when rail traffic is approaching from the adjacent line in either direction.	Protection Officer and Lookout
<b>Two - way running / multiple entry points into worksite</b>	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 and Lookout
<b>Obstruction to Minimum Sighting Distance</b>	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 and Lookout
<b>Adjoining/Surrounding Worksites</b>	Lookouts must have two independent audible warning devices that can be heard by workers over any noise generated by adjoining/surrounding worksites. Lookouts are to provide warning if their line of sight is obstructed by adjoining/surrounding worksites.	Protection Officer and Lookout
<b>Access to / Egress from worksite</b>	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
<b>Slips, trips, falls and hazards carrying equipment</b>	Protection Officer will assess and instruct when it is safe for workers to use <i>NGE 200 Walking in the Danger Zone</i> to move to the worksite or safe place.	All





Safe Work Instruction

Lookout Working Worksite Protection for Dapto Routine Network Maintenance Activities



Worksite Protection Plan – Lookout Working

Signaller Details

name South Coast Panel 02 4223 5766

Protection Officer Details

name signature contact No. RSW or RIW No. designation Planned duration

Workplace Supervisor details:

Type of work: Routine Network Maintenance Activities

Worksite location

on the South Coast Branch Line, Main Line, Loop Line and Terminating Dock Road

between 41.3 Home Signal and 41.6 Home Signal

Worksite assessment

Has the Lookout Working Prohibited Locations Register been consulted? Yes

Warning method

Horn/Whistle Touch

Minimum Warning Time Calculations

Maximum track speed 100 km/h

Number of Lookouts used 2 Position of Lookouts 93.500 km to 95.300 km

Number of additional Lookouts\* used - Position of Lookouts - km To - km

Note - Lookouts are relocated to positions within these KMs as workers move along the worksite.

Table showing MWT calculations: See Time (S) + Move Time (M) + Safe Time = Minimum Warning Time (MWT) for 100 km/h, 25 km/h, and km/h track speeds, resulting in 417, 105, and metres respectively.

Note – Additional MWT calculations can be recorded in the Protection Officer's Diary.

Where are the safe places identified for the Lookouts and the workers?

Lookouts: Up Cess, Down Cess and Platforms

Workers: Up and Down Cess

Ensure the workers have been briefed about these work details Yes

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.

# Lookout Working Worksite Protection for Dapto Routine Network Maintenance Activities

**INSTRUCTIONS:**

1. Workers enter the rail corridor via I00 93.635 U
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 6-8 until work is complete.
9. Workers move to a safe place.
10. Recall lookouts.
11. Workers egress the worksite via I00 95.157 D
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.

**LOOKOUTS**



**Image 1.** Lookouts View: Wollongong Side of Dapto Station facing Albion Park



**Image 2.** Lookouts View: Wollongong Side of Dapto Station facing Wollongong



Image 3. Lookouts View Albion Park Side of Dapto Station facing Wollongong



Image 4. Lookouts View Wollongong Side of 51 points facing Wollongong



Image 5. Lookouts view Albion Park side of Dapto Station facing Albion Park



Image 6. Lookouts view Albion Park Side of Darkes Road Level Crossing facing Wollongong





Image 7. Lookouts View Wollongong Side of 51 points facing Wollongong

49A POINTS SPIKED



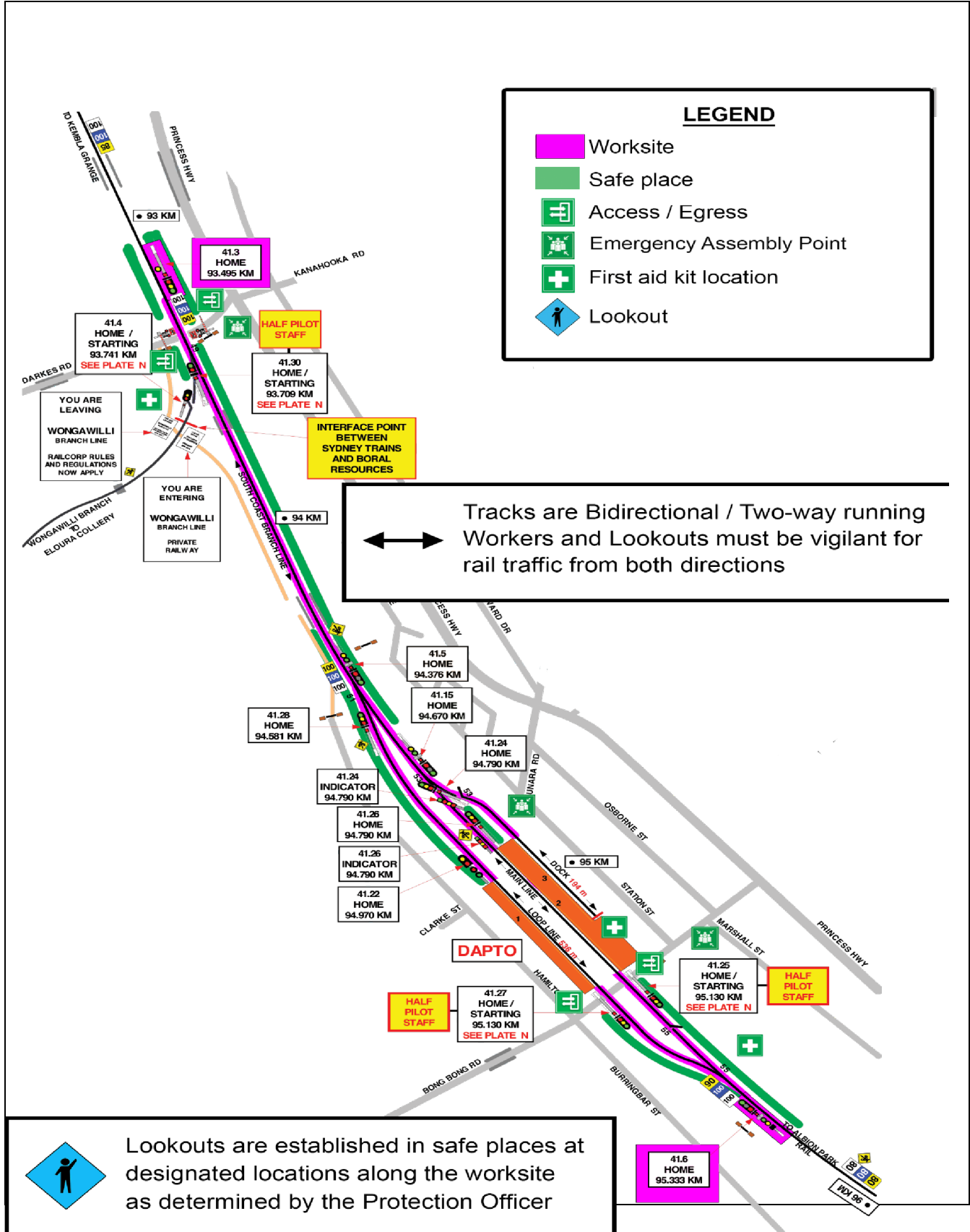
Image 8: Protection Officer must make sure that 49A points remain spiked this RNMWPP does not cover Wongawilli Colliery Siding

ACCESS /  
EGRESS



Image 8: Access Gate 100 95.134 U on the Up side off Bong Bong RD Dapto

Diagram



Protection Officer's diary

SWI Custodian: Maintenance Operations Manager South Coast Territory  
 SWI Approver: Associate Director Network Operation

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Issue Date: 06/08/2024  
 Version: 1.1  
 Page 11 of 12

