

Bomaderry (Nowra)

Location

Bomaderry (Nowra) is at 153.310km

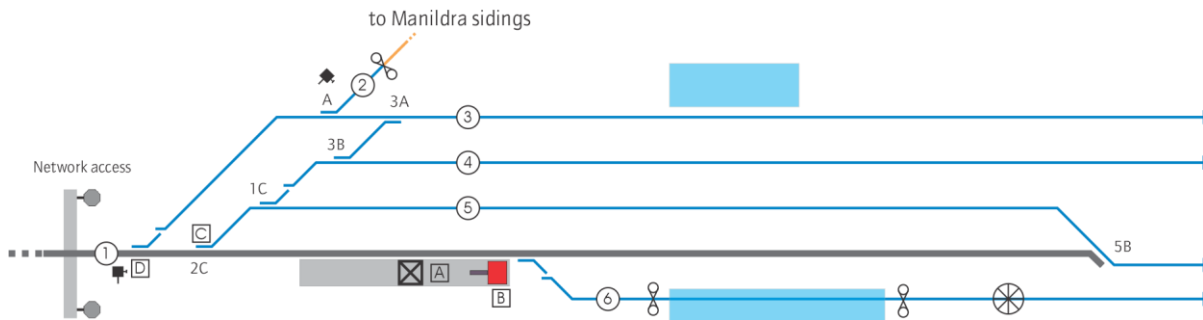


Warning

This location has narrow track clearances

Diagram

to Berry



Key		
1 Illawarra line	3 No 2 Goods siding 524m	5 Loop line 252m
2 Industrial sidings	4 No 1 Goods siding 339m	6 Turntable siding 112m

Network Control

Signaller at Bomaderry (Nowra)

Yard Limits

Illawarra line	YL/EYL	152.795km Down signal 8
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Location details

! See Special instructions

Interlocked points are operated from groundframes and an operator's push button.

- D 153.050km Illawarra line to No 2 Goods siding: key from frame A lever 4
- Operator's push button for BY5 signal and Axle Counter Fault Reset
- C 153.162km Illawarra line to Loop line and No 1 Goods siding: key from frame A lever 4
- A No 2 Goods siding to Industrial sidings
- Operator's push button for points A
- 153.310km Bomaderry (Nowra). Platform 1
- ☒ 153.364km Staff hut
- A 153.388km Groundframe releases keys and controls the signals
- B 153.416km Illawarra line to Turntable siding: key from frame A lever 7
- + 153.628km 4 x buffer stops

Level crossings

- i 152.851km Network access

Special instructions

BY5 Push Button

When it is required to shunt out beyond BY5 the train will proceed into the section on the authority of BY5 signal. As the train enters the section BY5 will return to stop. When the train returns behind BY5 the signal must be re-cleared. This can be achieved by re-stroking Lever 5 at Frame A or using the pushbutton located at Frame D.

The push button unit is an SL locked box that contains a route set light and push button. This allows BY5 to be re-cleared after a shunt into the section provided Lever 5 at Frame A remains reverse. Instructions for operating the pushbutton are inscribed inside the cover.

Axle Counters

Axle counters are located between 152.791 and 152.947 kms between the down home signal (signal 8) and up starting signal (BY5).

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Miscount or failure of the axle counter equipment at Bomaderry (Nowra)

If an axle counter miscount or failure occurs, the corresponding track will indicate as occupied (red track indicator light is illuminated). The qualified worker can reset the equipment by operating the Axle counter fault reset switch which is located in an SL locked box located adjacent to frame D. This box also includes track indicators for the axle counter tracks.

The qualified worker must visually establish that the track between BY 5 signal and 8 signal is unoccupied before resetting the axle counting equipment.

Resetting the Axle Counting equipment

To reset the axle counter, the qualified worker must:

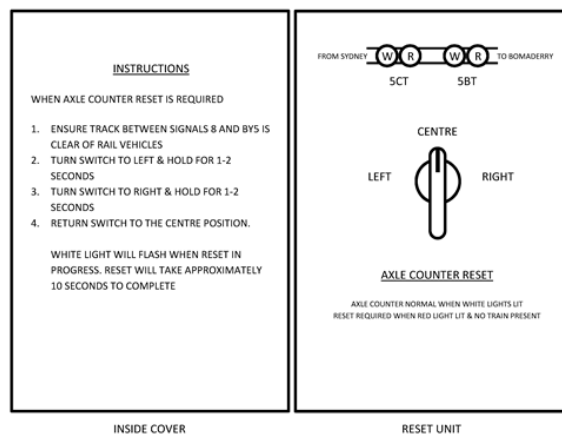
1. Turn the switch to the left and hold for 2 seconds
2. Turn the switch to the right and hold for 2 seconds
3. Return the switch to the centre

When the switch is returned to the centre, the white light for the occupied axle counter track will flash with the red light remaining steady, indicating that the reset has been correctly initiated. After ten seconds the axle counting equipment should reset. A successful reset will be indicated by the extinguishing of red indicators and steady illumination of white indicators for 5BT and 5CT in the axle counter reset box.



Note

If after 3 attempts the equipment fails to reset, the equipment should be treated as a failure.



Miscellaneous Indicators & Audible Alarm

Lamp Fail, power supply Normal, Warning and Fail indicators are provided on the diagram at Frame A. The associated audible alarm and the Alarm Acknowledge button are located in the Station Managers office.

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Related documents

NLA 418 Wollongong-Bomaderry

Effective date

11 June 2020