

Notice Type:	SAFE Notice		
Location:	Singleton		
Subject Title:	Signalling and Points Machine Upgrades		
Corridor/Line:	Hunter Valley		
Control Board:	Middle Hunter		
Kilometrage:	236.259	to	238.550
Effective From:	01/04/2025	Time:	0630hrs
Effective To:	04/04/2025	Time:	0630hrs

Reference Documents:

Train Alteration Advice:	0005-2025
Network Information Book:	OGW-30-16

General Details / Operating Condition:

Commencing at 0630 hours Tuesday 1st April 2025 to 0630 hours Friday 4th April 2025, or until the works are completed, the following infrastructure upgrading works will be undertaken at Singleton:

- The existing 56 points machines will be upgraded,
- The 56 points Emergency Switch Machine Locks (ESML) will be replaced with Emergency Operating Locks (EOL),
- The existing 55 points ESMLs will be relocated,
- The existing 57 points ESML will be relocated,
- The 41L Close-Up Signal Head/Aspect on 146.9 Signal post will be removed, and
- The existing 148.2 Signals Hut will be replaced with a new Signals Room at an altered location.

The commissioning of these new arrangements and alterations will involve route-setting activities, signal testing, track circuit testing, and point testing.

The following existing infrastructure will be altered, commissioned and booked into use:

Equipment Identifier	Description	Existing Location	New Location	Details / Change
56 A Points	Electronic Motor	238.440	No Change	Book out of use and permanently remove the existing Nippon Type KA1200A Switch Machine; and Install, commission and book into use the new M23A MKIII Switch Machine.
56 B Points	Electronic Motor	238.525	No Change	Book out of use and permanently remove the existing Nippon Type KA1200A Switch Machine; and Install, commission and book into use the new M23A MKIII Switch Machine.
55 A Points	ESML	238.542	238.430	Relocation of the existing ESML to a new ground mounted post.

55 B Points	ESML	238.542	238.430	Relocation of the existing ESML to a new ground mounted post.
57 Points	ESML	238.542	238.550	Relocation of existing ESML to the wall of the new 148.2 Signal Room.

The following existing infrastructure will be permanently booked out and removed:

Equipment Identifier	Description	Location	Details / Change
56 A Points	ESML	238.430	Book out of use and permanently remove the existing ESML for 56 A points as part of the 56 points machines upgrade.
56 B Points	ESML	238.430	Book out of use and permanently remove the existing ESML for 56 B points as part of the 56 points machines upgrade.
146.9 Signal	41L Close Up Signal Head	236.259	Book out of use and permanently remove the existing 41L signal head/aspect from Signal 146.9. Note: The Signal post location and all other heads /aspects to remain unchanged.
148.2	Signal Hut	238.430	Existing 148.2 Signal Hut to be replaced by a new Signal Room.

The following new infrastructure will be installed, commissioned and booked into use:

Equipment Identifier	Description	Location	Details / Change
56 A Points	EOL	238.430	Install, commission and book into use the new EOL for 56 A points as part of the 56 points machines upgrade. The new EOL will be located on a ground mounted post.
56 B Points	EOL	238.430	Install, commission and book into use the new EOL for 56 B points as part of the 56 points machines upgrade. The new EOL will be located on a ground mounted post.
148.2	Signal Room	238.550	Replacement for the old, removed 148.2 Signal Hut.

Note: The upgrades and alterations to 55, 56 and 57 points have not changed them from the current configurations. It remains important to remember that if 55 and 56 points are required to be manually operated each will require more than one end to be manually operated.

Safeworking Arrangements:

An Infrastructure Booking Advice (ANRF 003) must be compiled as per ANWT 312 and ANPR 704 to book out of use, back into of use, commission, and/or permanently remove infrastructure.
All work must be carried out as per the appropriate ARTC Network Rules and Procedures.

Additional Details:

This SAFE Notice will serve as an amendment to the Network Information Book for the infrastructure changes as detailed above.

Amendments to Network Information Book:

OGW-30-16 Allandale (inc) to Singleton (inc) Mt Thorley – Bulga – Wambo Branch Line

Section 2.5 Whittingham (WHM)

- NIB Diagram NIB-T0402 update.

Section 2.6 Singleton (SGL)

- NIB Diagram NIB-T0403 update.

Line Diagram

- NIB-T0585 update.

A copy of the updated Drivers Diagram for Singleton is attached for further reference.

Recipients must ensure this Notice is circulated to and understood by all personnel affected by, or needing to know, its content.

This Notice must be issued to all affected Competent Workers.

Competent Workers who receive this Notice must follow the requirements.

Contact Details:

Contact: Heman Janu – Project Manager Signals

Contact No. 0400 360 740

Contact: Craig Doorey – Signal Commissioning Engineer

Contact No. 0412 244 996

Approval:

Approved by: Delivery Support Manager, Network Control Centre North

Date: 13/03/2025

