

Private and not for Publication.Notice No. W.W.383.BRITISH RAILWAYS (WESTERN REGION.)TRACK AND SIGNALLING ALTERATIONS,
NEWPORT EBBW JUNCTION.

Between the hours of 22.00 Saturday, 21/10/72 and 18.00 Wednesday, 25/10/72 or until completion, the D.C.E. and D.S. & T.E. will be engaged in introducing signalling Stage 1 of the remodelling of the layout in the Ebbw Junction area in association with the D.C.E's. relaying and as shown on the attached diagram.

1. Alterations to Permanent Way.

The crossover between the Up Main and Up Relief Lines to the west of the Ebbw River, together with the crossover between the Up and Down Relief Lines East of the Ebbw River will be taken out of use pending recovery and a new Ladder Road between the Up Main and Down Relief Lines marked AA on the diagram will be provided.

2. Alterations to Signalling.

The following colour light signals will be recovered:-

Up Relief - N311 N309
Up Main - N111 UM160

The following new colour light signals will be provided on a new gantry at 160 M. 1,145 yds. marked BB on the diagram:-

Up Relief - N311
Up Main - N111

The routing of these signals will be as follows:-

<u>Signal No.</u>	<u>Route</u>	<u>Destination</u>	<u>Type of Signal</u>
N111	A	N113 Signal	MA
	B	N313 Signal	MA with position 4JNI
	C	B3 Signal	PLS
	D	G1 Signal	MA/DA with position 5JNI
	E	B5 Signal	PLS
N311	A	N113 Signal	MA with position 1JNI
	B	N313 Signal	MA
	C	G1 Signal	MA/DA with position 4JNI
	D	B11 Signal	PLS

Key to abbreviations.

MA - Multi aspect.
PLS - Position Light Shunt Signal.
DA - Draw ahead.
JNI - Junction Indicator.

A position light shunt signal will be provided on Signal N442 (Down Relief) routed to the Up Relief Limit of Shunt.

The position light ground Signal B1 in the Down Main will be recovered.

A new position light ground Signal B11 marked C on the diagram in the Up Relief will be provided routed to B3 or B5 position light ground signals.

The Limit of Shunt Lamp in the Up Relief Line will be repositioned 395 yds. nearer Cardiff marked D on the diagram.

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Automatic Signal UR161B will become a controlled Signal N309 and controlled Signal N244 will become an automatic Signal DM160. Signal UR161A will be renamed UR161.

3. A.W.S. Ramps.

A.W.S. ramps in the Ebbw Junction area will be recovered pending the introduction of B.R. inductors at a future date.

A.W.S. gap signs will be installed indicating the commencement and termination of the gaps in the Up and Down Main and Up and Down Relief Lines in positions shown on the diagram and at mileages shown below:-

Commencement of gap signs.

Down Relief	159 M. 1,672 yds.
Down Main	159 M. 1,540 yds.
Up Relief	161 M. 880 yds.
Up Main	160 M. 1,408 yds.

Termination of Gap Signs.

Down Relief	160 M. 1,298 yds.
Down Main	160 M. 1,298 yds.
Up Relief	159 M. 1,672 yds.
Up Main	159 M. 1,540 yds.

No gap signs will be provided on the Cardiff Curve Up and Down Lines.

4. Emergency Operation of Power Worked Points.

Point machines of the W.B. and S.Co's. style 63 will operate the new connections worked from the Newport Panel and instructions for the emergency operation of these machines have been issued separately. Hand cranks for the emergency operation of the new connections will be located in release instruments as shown at E and F on the diagram.

5. Telephones.

Telephones giving exclusive communication with the signalmen at the Newport Panel will be provided as follows:-

- (a) At new signals N111 and N113.
- (b) At the emergency hand crank release instrument F.

The telephone at Signal DM160 (formerly N244) will give exclusive communication to the Signalmen at the Cardiff Panel and the trains descriptions will be extended accordingly.

6. The Annunciators for the Up Relief and Up Main Lines will be extended to operate after a train passes Signals UR162B and UM162C respectively.

7. Points and signals will be disconnected as necessary during the occupation and the following signals will be disconnected and maintained at Red:-

N440, N442, N240, N242, N640, N309, UM161B, B10, B12, New Signals N311, N111.

Area Manager, Newport High Street, to make all arrangements for safe working including the appointment of the necessary Hand Signalmen in accordance with Rule 77.

PLEASE ACKNOWLEDGE RECEIPT ON FORM ATTACHED.

13 October, 1972.
Cardiff. (Ext. 2473.)

E. R. Williams,
Divisional Manager.

