

# **NETWORK RAIL**

## **London North Western South Route**

# **LNW (S)**

Week No.

# **37**

## **PERIODICAL OPERATING NOTICE**

### **CONTAINING**

AMENDMENTS TO NATIONAL OPERATIONS PUBLICATIONS  
INCLUDING NATIONAL OPERATING INSTRUCTIONS  
MISCELLANEOUS INSTRUCTIONS AND NOTICES

### **INCORPORATING**

SUPPLEMENT NO. 73 TO THE LNW(S) ROUTE  
SECTIONAL APPENDIX

**SATURDAY 06 DECEMBER 2025**

**to**

**FRIDAY 06 MARCH 2026**

**Inclusive**

For additional items during the currency of this Notice, see Section D of the  
Weekly Operating Notice (WON).

Published quarterly, on the first Saturday of March, June, September and December.

**This notice comprises of 26 pages**

**For queries regarding the content of this publication contact:  
[PlanningPublications@networkrail.co.uk](mailto:PlanningPublications@networkrail.co.uk)**

## Sectional Appendix Feedback (SAF) Form QR Code



The Sectional Appendix Feedback (SAF) Form is designed for reporting anomalies in the National Electronic Sectional Appendix (NESA), paper copy Sectional Appendices, or other format (e.g. PDF file) Sectional Appendices.

It provides a structured way to log, investigate, and resolve errors.

Examples may include:

- Differences between what is published in NESA and in the corresponding paper copy Sectional Appendix
- Differences between what is published and what is provided on the network (e.g. speed change commencing at a different mileage, platform lengths longer or shorter than what is published).

If the QR code is not working, please use this link here to access the form:

[networkrail-networkcapabilityupdatetool.oncreate.app/w/webpage/141GBPTP1](https://networkrail-networkcapabilityupdatetool.oncreate.app/w/webpage/141GBPTP1)

### When to use Rail Notices

<https://www.railnotices.net/CommonInterface/Default.aspx>

Use Rail Notices for planned changes to infrastructure. Examples:

- New or altered infrastructure (e.g. junction renewals, changes to signals, electrification, line speed changes).
- Permanent withdrawal of capability (e.g. plain-lining, temporary speed restriction converted to a permanent speed restriction).

REMEMBER that any proposed changes to infrastructure capability, track layout, speeds, etc. MUST first be established through industry consultation via the Network Change process.

If you are unsure of which is the appropriate process to use, then please use this Sectional Appendix Feedback Form and a WON Approver will be in touch to provide further guidance.

# ACKNOWLEDGEMENT SLIP

Please complete the Acknowledgement Slip below (if appropriate), detach it and hand it to your Supervisor/Manager.

I, the undersigned, acknowledge receipt of the Periodical Operating Notice and Supplement No. 73 to the LNW (S) Route Sectional Appendix effective from Saturday 06 December 2025 to Friday 06 March 2026

I undertake to familiarise myself with the contents and observe the instructions therein which apply to me.

**Full Name** (in capitals): \_\_\_\_\_

**Signature** (in full): \_\_\_\_\_

**Location:** \_\_\_\_\_

**Date:** \_\_\_\_\_

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## Introduction

This Periodical Operating Notice (PON) composed of two sections:-

Part 1 contains items published for the first time in the PON. Items published in this first section that have not been published in the Weekly Operating Notice (WON) are additionally noted by a vertical line in the margin.

Part 2 contains items previously published in the PON that are still valid.

Items marked \* \* will not appear in future issues of the PON and a note must be taken of them.

### **Supplement to the Sectional Appendix**

Attached to the back of this Notice are updates to the existing Sectional Appendix in the form of a Supplement. This is not part of the PON. It is a document in its own right. It has been physically attached to the PON to:

- ensure its effective distribution to all users
- reduce the amount of raw materials consumed in its generation and distribution
- reduce costs associated with production

The Supplement is identified as Supplement No. 73 and is dated 06 December 2025 In line with current industry standards items published in the Supplement will not appear in future PONs.

**Enquiries concerning amendments to the Sectional Appendix must be e-mailed to the  
Planning Publications mailbox  
[PlanningPublications@networkrail.co.uk](mailto:PlanningPublications@networkrail.co.uk)**

**Enquiries concerning amendments to the :  
NATIONAL OPERATING PUBLICATIONS should be addressed to  
STEVE RAY, NETWORK OPERATIONS.**

**Amendments to the Rule Book and Working Manuals for Railway Staff are produced by Rail Safety &  
Standards Board.**

**NETWORK RAIL LNWS ROUTE TAKE NO RESPONSIBILITY FOR ANY ERRORS THAT MAY BE  
CONTAINED IN THESE AMENDMENTS**

**Enquiries concerning amendments to the Rule Book and Working Manual should be addressed to:**

**RSSB  
The Helicon  
1 South Place  
London  
EC2M 2RB**

Email: [enquirydesk@rssb.co.uk](mailto:enquirydesk@rssb.co.uk)

### **RECORDING OF CONVERSATIONS**

Telephone calls to Network Rail Signal boxes, Electrical Controls and Production Controls may be recorded for the purposes of monitoring the quality of safety related information being exchanged and to assist with investigations into incidents.

**This publication is printed and distributed by APS Group**

***Telephone:***

0161 495 4515

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[nrrons@theapsgroup.com](mailto:nrrons@theapsgroup.com)

**LATE OR NON-DELIVERY**

Please contact APS Group if you have not received your PON by 15.00 hours on the Wednesday prior to the operative Saturday of this publication, thus allowing adequate time to expedite tracking and replacement procedures as necessary.

If you receive this publication from your line manager or a local distribution point arrangement, then please contact them direct and NOT APS Group

## Part A - Foreword

### A1 Introduction

This document contains new and previously published amendments to National Operations Publications, which are considered too urgent to await a complete reissue of the document concerned.

### A2 Scope

This document is primarily used to publish minor changes to National Operations Publications. However, it may also be used to publish material changes that have already been consulted on but do not justify the reissue of a Rule Book module and / or handbook.

### A3 Implementation

The publication date of this document is **06 December 2025**.

### A4 Technical content

The technical content of this document has been approved by James Webb, Professional Head of Rail Operations, RSSB. Enquiries should be directed to RSSB at <https://customer-portal.rssb.co.uk/>.

### A5 Definitions

#### Material change

Where duty holders are required by a Railway Group Standard to do something physically different.

#### Minor change

A minor change comprises of one of the following:

- Typographical errors or changes to administrative details such as telephone numbers, or
- Changes for the purpose of clarification, where there is negligible potential for misinterpretation which diminishes safety, or
- Changes to operational documents affecting only one duty holder, provided that the duty holder consents to those changes.

#### National Operations Publications

These are Railway Group Standards which set out mandatory requirements for direct application in the workplace and which are subject to frequent changes. These include any modules or handbooks forming part of the Rule Book (GERT8000) or its associated information handbooks with references in the RS500 series.

#### Periodical Operating Notice

An official document for publishing details of changes to National Operations Publications and local operational publications to the railway industry. This is often referred to as the PON.

## Part B - Changes since previous issue

<b>Amendment No</b>	<b>Publication and section</b>
Part C - New amendments to National Operations Publications	
	<b>No new amendments</b>
<b>Amendment No</b>	<b>Publication and section</b>
Part D - Previous amendments to National Operations Publications	
02/18	Handbook RS523 GSM-R Handbook, Issue 1, Section 8.4. This amendment is not carried forward as it has been published in the Rule Book.
02/22	Changes to various modules and handbooks as a result of the term 'pilotman' being replaced by 'pilot'. Amendments to Handbook 5 issue 3 and modules G1 issue 9 and TS3 issue 7 have not been carried forward as they have been published in the Rule Book.
01/24	GERT8000-HB9, issue 8, IWA or COSS setting up safe systems of work within possessions, sections 3.3 to 3.5. This amendment is not carried forward as it has been published in the Rule Book.
02/24	GERT8000-TS1, issue 18, General signalling regulations, regulation 12.1. This amendment is not carried forward as it has been published in the Rule Book.

## **Part C - New amendments to National Operations Publications**

**No new amendments**



## Part D - Previous amendments to National Operations Publications

### GERT8000 Rule Book

#### Changes to various modules and handbooks as a result of the term 'manned level crossing' being replaced by 'manually-controlled level crossing'

##### Explanation of change

It has been pointed out that the use of the term 'manned level crossing' in the Rule Book suggests that the person operating the crossing must be a man. This is not correct and the wording has been changed as necessary to refer to these crossings as 'manually-controlled'.

The modules and handbooks concerned will be reissued over a period. Those listed below will not be reissued in printed format at this stage but were amended as shown from 3 December 2022. Existing copies should be altered in ink to show these changes.

Electronic versions of the modules and handbooks including these changes can be found at [www.rssb.co.uk](http://www.rssb.co.uk) or in the Rule Book App.

Rule Book module or handbook	Section or regulation	Amendment
T3 ERTMS Possession of an ERTMS running line for engineering work where lineside signals are not provided	5.9	Amend 'manned level crossing' to 'manually-controlled level crossing'

## Changes to various modules and handbooks as a result of the term 'pilotman' being replaced by 'pilot'

### Explanation of change

It has been pointed out that the use of the term 'pilotman' in Rule Book modules P1 *Single line working* and P2 *Working single and bi-directional lines by pilotman* suggests that the person carrying out the role must be a man. This is not correct and the term has been changed to 'pilot'.

The modules and handbooks concerned will be reissued over a period. Those listed below will not be reissued in printed format at this stage but were amended as shown from 3 December 2022. Existing copies should be altered in ink to show these changes.

Electronic versions of the modules and handbooks including these changes can be found at [www.rssb.co.uk](http://www.rssb.co.uk) or in the Rule Book App.

Rule Book module or handbook	Section or regulation	Amendment
T3 ERTMS Possession of an ERTMS running line for engineering work where lineside signals are not provided.	7.2	Amend 'pilotman' to 'pilot'
TS4 Electric token block regulations	2.2 8.1.1 8.2.1 8.6.1	Amend title of module P2 to read <i>'Working single and bi-directional lines by pilot'</i> .
TS4 Electric token block regulations	8.1.1 8.1.2 8.2.1 8.2.2 8.2.3 8.5 8.6.1 8.6.2 8.7 8.8	Amend 'pilotman' to 'pilot'
TS5 Tokenless block regulations	8.1 8.2	Amend title of module P2 to read <i>'Working single and bi-directional lines by pilot'</i>
TS5 Tokenless block regulations	8 8.1 8.2 8.3 8.4 8.5 8.5.2	Amend 'pilotman' to 'pilot'
TS7 No-signaller token regulations	2.2 8.1.1 8.2.1 8.3.1	Amend title of module P2 to read <i>'Working single and bi-directional lines by pilot'</i>

TS7 No-signaller token regulations	3.1 8.1.1 8.1.2 8.2.1 8.2.2 8.2.3 8.3.1 8.3.2 8.4	Amend 'pilotman' to 'pilot'
TS8 One-train working regulations	8.1 8.4.1	Amend title of module P2 to read ' <i>Working single and bi-directional lines by pilot</i> '
TS8 One-train working regulations	3.1 3.2 8 8.1 8.2 8.3 8.4.1 8.4.2	Amend 'pilotman' to 'pilot'

## Handbook RS524 List of Dangerous Goods and their United Nations numbers

**Table 1**

<p><b>Explanation of change</b> The 2023 RID regulations include a number of changes to the details of UN numbers which are as shown below.</p>
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**Delete:** the following which ceased to be valid after 30<sup>th</sup> June 2023:

UN Number	Substance	Dangerous Goods Class	Subsidiary Hazard(s)	Packing Group
1169	Extracts, aromatic, liquid			

**Amend:** the following as shown:

UN Number	Substance	Dangerous Goods Class	Subsidiary Hazard(s)	Packing Group
1197	Extracts, liquid for flavour or aroma	3		II, III
1345	Rubber scrap or Rubber shoddy, powdered or granulated not exceeding 840 microns and rubber content exceeding 45%	4.1		II
1872	Lead dioxide	5.1		III
1891	Ethyl bromide (Bromoethane)	3	6.1	II
2015	Hydrogen peroxide, stabilized or hydrogen peroxide, aqueous solution, stabilized with more than 70% hydrogen peroxide	5.1	8	I

**Add:** the following new entry:

UN Number	Substance	Dangerous Goods Class	Subsidiary Hazard(s)	Packing Group
3550	Cobalt dihydroxide powder, containing not less than 10% respirable particles	6.1		I

## Handbook RS524 List of Dangerous Goods and their United Nations numbers

**Table 1**

**Explanation of change**

The 2025 RID regulations include a number of changes to the details of UN numbers which are as shown below.

**Amend:** the following as shown:

UN Number	Substance	Dangerous Goods Class	Subsidiary Hazard(s)	Packing Group
1835	Tetramethylammonium hydroxide aqueous solution	8		II, III
2870	Aluminium borohydride in devices	4.2	4.3	
3165	Aircraft hydraulic power unit fuel tank (containing a mixture of anhydrous hydrazine and methyl hydrazine) (M86 fuel)	3	6.1 8	
3292	Batteries containing metallic sodium or sodium alloy cells, containing metallic sodium or sodium alloy	4.3		
3423	Tetramethylammonium hydroxide solid	6.1	8	I

**Add:** the following new entries:

UN Number	Substance	Dangerous Goods Class	Subsidiary Hazard(s)	Packing Group
3551	Sodium ion batteries with organic electrolyte	9		
3552	Sodium ion batteries contained in equipment or sodium ion batteries packed with equipment, with organic electrolyte	9		
3553	Disilane	2.1		
3554	Gallium contained in manufactured articles	8		
3555	Trifluoromethyltetrazole-sodium salt in acetone, with not less than 68% acetone, by mass	3		II
3556	Vehicle, lithium ion battery powered	9		

3557	Vehicle, lithium metal battery powered	9		
3558	Vehicle, sodium ion battery powered	9		
3559	Fire suppressant dispersing devices	9		
3560	Tertramethylammonium hydroxide aqueous solution with not less than 25% tetramethylammonium hydroxide	6	8	1

## Part E - Amendments summary

### GERT8000 Rule Book

<b>Module, Issue and Section amended</b>	<b>Number</b>	<b>Published</b>
Various modules and handbooks	01/22	December 2022
Various modules and handbooks	02/22	December 2022
Handbook RS524 List of Dangerous Goods and their United Nations numbers, issue 1, table 1	03/23	March 2023
Handbook RS524 List of Dangerous Goods and their United Nations numbers, issue 1, table 1	03/24	December 2024

## **DC electrified lines working instructions (NR/WI/ELP/3091) (dated December 2006, issue E2)**

### **Explanation of change**

The current instruction 44 temporary isolations has been withdrawn and replaced with a new instruction 44 temporary isolations. The new TI instruction provides a simplified and structured process for the authorisation and circumstances in which TI may be utilised. It details the process for taking and giving up of a temporary isolation and provides for a new role of Person In Charge of Temporary Isolation (PICTI) to clearly define the roles and responsibilities of the staff involved in the temporary isolation process. It also provides clarity that the signal protection provided for the temporary isolation by the PICTI is separate to the protection arrangements that are required to be provided by the COSS.

**Signal Protection provided for a TI must never be relied upon to provide staff with a 'Safe system of work when walking or working on or near the line' as required by the Rule Book Module T7.**

### **Pages 58 to 61 inclusive**

**Delete** Instruction 44 – Temporary isolations and replace with the following:

#### **44 Temporary isolations**

##### **44.1 General**

- 44.1.1 Temporary Isolations (TI) shall only be used to carry out work in order to contain an incident and/or make the railway safe for normal operation. Temporary Isolations shall only be taken by persons competent to do so. Temporary Isolations shall not be used to replace or short cut the normal planning process.

##### **44.2 Persons competent to take temporary isolations**

- 44.2.1 Staff or Contractors who undertake Temporary Isolations shall be certified in accordance with the appropriate Network Rail standards.

##### **44.3 Authorising a temporary isolation**

44.3.1 Temporary Isolations shall only take place

- (a) with the agreement of the Operations Control for the lines concerned
- (b) at those locations where a traction return rail is adjacent to the conductor rail

- 44.3.2 Short circuiting bars shall not be used where there is a guard board between the conductor rail and the adjacent running rail or where a yellow plastic shroud is fitted to the underside of the conductor rail. In such cases the Temporary Isolation shall not proceed and alternative arrangements shall be made to undertake the activities.

## **DC electrified lines working instructions (NR/WI/ELP/3091) (dated December 2006, issue E2) – Continued**

- 44.3.3 The Person In Charge of the Temporary Isolation (PCTI) shall contact the Operations Control concerned,
- (a) stating their name,
  - (b) job title,
  - (c) employer,
  - (d) the reason for requesting a TI
  - (e) the activity to be undertaken,
  - (f) the exact location,
  - (g) the lines concerned
  - (h) the anticipated duration of the Temporary Isolation required.
- 44.3.4 The Operations Control shall consult with interested parties and determine whether a Temporary Isolation shall be authorised.
- 44.3.5 If the Operations Control do not authorise the proposed TI, alternative arrangements shall be made to undertake the activity.
- 44.3.6 The Operations Control shall advise the PCTI, ECO and Signal Centre(s) of the authorised arrangements as soon as practicable.
- 44.3.7 The Signaller and ECO shall then agree the appropriate protection limits for the proposed electrical isolation.
- 44.3.8 The ECO shall then confirm to the PCTI the isolation arrangements to be applied.

### **44.4 Taking a Temporary Isolation**

- 44.4.1 On request from the PCTI, the ECO shall contact the signaller(s) and request the affected line(s) to be blocked to all trains to protect the isolation. The signaller shall apply any reminder appliances as necessary and record the details in the train register. The signaller shall confirm to the ECO when the line(s) have been blocked to all trains and the ECO shall make an appropriate entry in the ECR log.
- 44.4.2 The ECO shall open the relevant circuit breakers and/or other controlled devices and instruct as necessary the PCTI to operate any relevant switches to the required position.
- 44.4.3 The PCTI shall confirm details of the switches operated to the required position to the ECO, once this has been done.
- 44.4.4 The ECO shall take appropriate action to prevent reclosure of those circuit breakers and/or other controlled devices in accordance with the ECR instructions. The ECO shall record the details in the ECR log.

## **DC electrified lines working instructions (NR/WI/ELP/3091) (dated December 2006, issue E2) – Continued**

- 44.4.5 The ECO shall then advise the PICTI that the conductor rail has been switched off and that the conductor rail may now be tested.

### **44.5 Testing the conductor rail**

- 44.5.1 The PICTI shall make sure that the section or sub-section is switched off by testing between the conductor rail and the traction return rail adjacent to the conductor rail, using an approved testing device. The use of train line live indicator lamps is not permitted.
- 44.5.2 If the test proves the conductor rail is live then the ECO shall be informed immediately. The PICTI shall not attempt further switching without the authority of the ECO.

The ECO shall establish the cause of the irregularity and where possible, may agree revised arrangements. The signaller, PICTI and Operations Control shall be informed and where agreed, apply the revised arrangements.

- 44.5.3 Where it is not possible or practical to apply revised arrangements, the TI shall be cancelled.

### **44.6 Preventing re-energisation of the isolated section**

- 44.6.1 If the test proves that the conductor rail is switched off re-energisation shall be prevented by the application of a short circuiting bar(s) by a competent person adjacent to the position where the work is to be undertaken. Once short circuiting bars have been applied the TI is established.

### **44.7 Briefing staff before commencing work**

- 44.7.1 The PICTI shall arrange for all personnel to be briefed on the Safe Working Limits of the TI before any work begins.

### **44.8 Cancelling the temporary isolation**

- 44.8.1 When work has ceased the PICTI shall confirm that all persons, tools or equipment are clear of the CRE.
- 44.8.2 Where an electric train is involved the PICTI shall additionally confirm that all persons, tools or equipment are clear of collector shoes, and other exposed parts of electrical equipment on trains
- 44.8.3 The PICTI shall arrange for all members of any work group to be advised that the CRE is to be recharged.

## **DC electrified lines working instructions (NR/WI/ELP/3091) (dated December 2006, issue E2) – Continued**

- 44.8.4 The short circuiting bar(s) shall then be removed.
- 44.8.5 The PICTI shall then contact the ECO, confirming that they wish to give up the Temporary Isolation,
- (a) stating their name,
  - (b) job title,
  - (c) employer,
  - (d) the activity undertaken,
  - (e) the exact location,
  - (f) the lines concerned
  - (g) confirming that short circuiting bar(s) have been removed
  - (h) and all personnel are clear of the CRE

### **44.9 Making the conductor rail live**

- 44.9.1 The ECO shall upon receiving this request shall take the required actions to recharge the Temporary Isolation, ensuring any switches are operated with the current switched off and the section blocked to traffic (see instruction 15 of this WI). The PICTI shall confirm to the ECO when any relevant switches have been operated. The recharging of the Temporary Isolation shall be recorded in the ECR Log Book.
- 44.9.2 The ECO shall contact the signaller, advising that the CRE has been switched on and request for the block to all trains for the TI (and any additional blocks taken to allow safe closure of switches) be withdrawn.
- 44.9.3 The signaller shall withdraw the block to all trains for the TI (and any additional blocks taken to allow safe closure of switches) and advise the ECO when this has been done and record the details in the train register.
- 44.9.4 The ECO shall advise the PICTI that the isolation has now been restored and that the block to all trains for the TI has been withdrawn.

## DC electrified lines working instructions (NR/WI/ELP/3091) (dated December 2006, issue E2) – Continued

### Explanation of change:

The current range of forms shown in Appendix B, of the D.C electrified lines working instruction NR/WI/ELP/3091 - issue E2, have been updated and revised into a new Network Rail standard template. The existing forms shall be deleted and the new forms shall be used with effect from the 07<sup>th</sup> June 2008. These new forms will no longer be published within the work instruction but will be published separately under the new form reference numbers.

**Word copies can be found on the Network Rail business standards connect page using the new form reference number.**

Reference Appendix B, pages 69 to 80

### Delete the following forms:

- Conductor Rail Permit
- Form DA
- Form DS
- Form DP
- Form DE
- Form B1
- Form B2

**Replace** the forms, reference numbers as below, with the new forms published in the Network Rail Business standards page on connect.

- NR/L3/OCS/3091-CRP
- NR/L3/OCS/3091-DA
- NR/L3/OCS/3091-DS
- NR/L3/OCS/3091-DP
- NR/L3/OCS/3091-DE
- NR/L3/OCS/3091-B1
- NR/L3/OCS/3091-B2

## Miscellaneous Instructions

### NETWORK RAIL CONTROL – LNW CONTROL (SOUTH) CONTACT DETAILS

The following numbers may be used to contact Network Rail LNW Control (South).

**In an emergency or when safety of the line is affected, ALWAYS contact the controlling Signaller first.**

NETWORK RAIL OPERATIONS CONTROL	GSM-R CONTACT NUMBER
Route Control – West Coast South	74 3061 02
Route Control – Midlands & Western	74 3063 02

NETWORK RAIL CONTROL –RUGBY AND BIRMINGHAM	BRT	BT
<b>Route Control Manager</b> (located Rugby ROC) Emergency Mobile: Fax:	085 42545 - 085 42553	0330 854 2545 07767 672 492 0330 854 2553
<b>Rugby ROC Emergency (Primary)</b>	<b>085 42555</b>	<b>0330 854 2555</b>
<b>Rugby ROC Emergency (Secondary)</b>	<b>085 42557</b>	<b>0330 854 2557</b>
<b>VSTP Controller</b> (located Rugby ROC) (Post covered 0700 - 2100 hours Mon - Fri, 0700 - 1900 Sat, 1000 - 2000 Sun. Outside these times contact the Train Running Controller – West Coast) Fax:	085 42547  085 42554	0330 854 2547  0330 854 2554
<b>Information Controller</b> (located Rugby ROC) (post covered 0600 - 2200 hours Mon - Sat, 1000 - 2000 Sun. Outside these times contact the Route Control Manager) Fax:	085 42546  085 42553	0330 854 2546  0330 854 2553
<b>Train Running Controller – Long Distance</b> (located Rugby ROC) (Post covered 0630 - 2230 hours Mon - Sat, 0900 - 2100 Sun. Outside these times contact the Train Running Controller for area concerned) Emergency Mobile: Fax:	085 42579  - 085 42553	0330 854 2579  07860 500 514 0330 854 2553
<b>Train Running Controller – West Coast</b> (located Rugby ROC) Emergency Mobile: Fax:	085 42548  - 085 42553	0330 854 2548  07515 621 511 0330 854 2553
<b>Incident Controller – West Coast South</b> (located Rugby ROC) <i>(Euston to Hanslope South Jn (excl); Euston to Watford Jn (DC lines); Watford Jn to St Albans Abbey; Bedford St. Johns – Bletchley)</i> Emergency Mobile: Fax:	085 42549  - 085 42553	0330 854 2549  07515 624 561 0330 854 2553
<b>Incident Controller – West Coast North</b> (located Rugby ROC) <i>(Hanslope South Jn (incl) to Basford Hall Jn (excl); Colwich Jn to Congleton (excl) / Alsager (excl); Rugby to Brandon (incl); Nuneaton to Three Spires Jn (excl))</i> Emergency Mobile: Fax:	085 42551  - 085 42553	0330 854 2551  07524 411 762 0330 854 2553
<b>Incident Support Controller – West Coast</b> (located Rugby ROC) Emergency Mobile: Fax:	085 42574  - 085 42553	0330 854 2574  07919 470 280 0330 854 2553
<b>Train Running Controller – Midland &amp; Western Lines</b> (located West Midlands SC, Saltley) Fax:	085 42573  085 55163	0330 854 2573  0121 576 2163

(Table continued on next page...)

## Miscellaneous Instructions – Continued

### NETWORK RAIL CONTROL – LNW CONTROL (SOUTH) CONTACT DETAILS – Continued

NETWORK RAIL CONTROL –RUGBY AND BIRMINGHAM	BRT	BT
<b>Incident Controller – Midland Lines</b> (located West Midlands SC, Saltley) <i>(Ashchurch (excl) to Elford (excl) via Camp Hill &amp; New Street; Barnt Green to Redditch; Water Orton to Nuneaton (excl); Brandon (excl) to Penkridge via Bescot &amp; New Street; Wolverhampton to Allscott (incl); Madeley Jn to Ironbridge (excl); Aston to Lichfield Trent Valley (high level); Coventry to Kenilworth Loop (incl); Coventry to Three Spires Jn (incl); Bescot to Rugeley Trent Valley (excl); Walsall to Water Orton / Castle Bromwich)</i> Fax:	085 42560        085 55163	0330 854 2560        0121 576 2163
<b>Incident Controller – Western Lines</b> (located West Midlands SC, Saltley) <i>(Marylebone ASC area; Aylesbury to Claydon L&amp;NE Jnc (incl); Claydon L&amp;NE Jnc (incl) to Oxford North Jn (excl) and Swanbourne Sidings (excl); Heyford (incl) to Hartlebury (incl) via Snow Hill; Leamington Spa to Kenilworth Loop (excl); Tyseley / Hatton to Stratford-upon-Avon)</i> Fax:	085 42576        085 55163	0330 854 2576        0121 576 2163
<b>Incident Support Controller – Midland &amp; Western Lines</b> (located West Midlands SC, Saltley) Fax:	085 42561        085 55163	0330 854 2561        0121 576 2163
<b>West Midlands SC Emergency (Midland Lines)</b>	<b>085 55715</b>	<b>0121 345 5715</b>
<b>West Midlands SC Emergency (Western Lines)</b>	<b>085 55730</b>	<b>0121 345 5730</b>
<b>Train Delay Attributer – West Coast South</b> (located West Midlands SC, Saltley)	05 47334	0121 654 7334
<b>Train Delay Attributer – West Midlands &amp; Trent Valley</b> (located West Midlands SC, Saltley)	085 42565	0330 854 2565
<b>Train Delay Attributer – Western Lines</b> (located West Midlands SC, Saltley) Fax:	085 42562        085 55163	0330 854 2562        0121 576 2163
<b>Train Delay Attributer – New Street PSB</b> (located New Street PSB) Fax:	085 55099        085 55096	0121 345 5099        0121 345 5096
<b>Train Delay Attributer – Assist</b> (located Rugby ROC / West Midlands SC, Saltley) (post covered 0700 - 2100 Mon - Fri)	085 42563	0330 854 2563
<b>Autumn Controller – LNW Route (South)</b> (located West Midlands SC, Saltley) (Post covered during autumn leaf fall season) Fax:	085 42572        085 55163	0330 854 2572        0121 576 2163

### ELECTRICAL CONTROL ROOM (ECR) CONTACT DETAILS LONDON NORTH WESTERN (SOUTH)

Electrical Control Room	ETD Telephone Numbers		STD Telephone Numbers	GSM-R CONTACT NUMBER
	Short Code – TO BE USED IN AN ELECTRICAL EMERGENCY ONLY	Railway ETD		
Crewe	175	085 41095 (emergency only) 085 41096	033 085 41095 (emergency only) 033 085 41096 01270 255 582	74 4062 03
Rugby	172 or 177	085 41110 (emergency only) 085 41111	033 085 41110 (emergency only) 033 085 41111	74 4061 03

## Miscellaneous Instructions – Continued

### NETWORK RAIL – London North Western (South)

### SIGNAL BOX / PANEL / WORKSTATION CONTACT DETAILS

The telephone numbers shown below must only be used if it is necessary to contact one of the following signal boxes. These numbers may only be used in connection with essential messages regarding operations or cases of emergency.

Note: GSM-R calls and messages will be diverted to another signal box / panel / workstation if:

- the signal box has closed ('switched out') while the line remains open
- the panel/workstation is unstaffed during 'Light Duty Working'.

<b>SIGNAL BOX / PANEL / WORKSTATION</b>	<b><u>BRT</u></b>	<b><u>BT</u></b>	<b><u>SIGNAL PREFIX</u></b>	<b><u>GSM-R</u></b>
<b>Aston</b>	085 49391	0330 854 9391	AN	74 6020 01
<b>Droitwich Spa</b>	085 49374	0330 8549374	DS	74 5200 01
<b>Henwick</b>	085 49378	0330 8549378	HK	74 5245 01
<b>Ledbury</b>	085 28488	0330 854 9381	L	74 5250 01
<b>Lichfield Trent Valley Junction</b>	085 55726	01543 410 191	TV	74 6026 01
<b>LUL Metropolitan Line Control</b> GSM-R coverage area: Neasden Jn to Amersham (Network Rail / LUL boundary)			JB	74 6109 01
<b>Malvern Wells</b>	085 49380	0330 8549380	MW	74 5269 01
<b>Marston Vale SCC (East workstation)</b> <i>(Marston LC to Bedford)</i>	085 42622	0330 8542622	MV	74 6163 01
<b>Marston Vale SCC (West workstation)</b> <i>(Bletchley to Lidlington)</i>	085 42621	0330 8542621	MV	74 6169 01
<b>Marylebone South</b> <i>(Marylebone to Saunderton station (inclusive); Neasden South Jn to Harrow-on-the-Hill; Neasden South Jn to Neasden Jn (Route boundary); South Ruislip to Greenford West Jn (Route boundary))</i>	085 42620	0330 085 2620	ME	74 6108 01
<b>Marylebone North</b> <i>(Saunderton station (exclusive) to site of former Aynho Park Jn; Princes Risborough to Aylesbury; Amersham (Network Rail / LUL boundary) to Aylesbury)</i>	085 42619	0330 085 2619	ME, OB	74 6107 01
<b>Newland East</b>	085 49379	0330 8549379	NE	74 5263 01
<b>Norton Jn</b>	085 49382	0330 8549382	NJ	74 5265 01
<b>Rugby SCC Shift Signalling Manager South SSM; North SSM</b>	085 42633 085 42634	0330 8542633 0330 8542634		74 6167 01
<b>Rugby SCC – Bletchley Workstation</b> <i>(Soulbury Road HABDs to Wolverton (incl.))</i>	085 42628	0330 8542628	TK, KR	74 6162 01
<b>Rugby SCC – Northampton Workstation</b> <i>(Wolverton (excl.) to Hillmorton Jn (excl.) (via Weedon and via Northampton))</i>	085 42629	0330 8542629	KR, HN, RY	74 6159 01
<b>Rugby SCC – Rugby Workstation</b> <i>(Hillmorton Jn (incl.) to Shilton; Rugby to Brandon)</i>	085 42630	0330 8542630	KR, NR, RN, RC	74 6161 01
<b>Rugby SCC – Nuneaton Workstation</b> <i>(Shilton to Atherstone (incl.); Stockingford to Nuneaton to 2m 62ch (Route boundary) on the Arley / Hinckley lines; Nuneaton to 6m 70ch on the Bedworth lines)</i>	085 42631	0330 8542631	RN, NL, CN, WN, NW	74 6165 01
<b>Rugby SCC – Tring Workstation</b> <i>(Kings Langley to Soulbury Road HABDs)</i>	-	0330 854 2627	WT, TK	74 6157 01
<b>Rugby ROC – Claydon Workstation</b> (Gavray Jn to Flyover Summit Jn (incl.). Flyover Summit Jn to Fenny Stratford Jn).	085 89000	0330 858 9000	OB	74 6110 01
<b>Rugby ROC – Colwich Workstation</b> (Atherstone (excl.) to Shugborough)	085 42637	0330 854 2637	NL, LS	74 6170 01
<b>Tyseley No.1</b>	085 55828	0121 345 5828	TY1	-

**Miscellaneous Instructions – Continued**  
**NETWORK RAIL – London North Western (South) – Continued**  
**SIGNAL BOX / PANEL / WORKSTATION CONTACT DETAILS – Continued**

The telephone numbers shown below must only be used if it is necessary to contact one of the following signal boxes.

These numbers may only be used in connection with essential messages regarding operations or cases of emergency.

Note: GSM-R calls and messages will be diverted to another signal box / panel / workstation if:

- the signal box has closed ('switched out') while the line remains open
- the panel/workstation is unstaffed during 'Light Duty Working'.

<b>SIGNAL BOX / PANEL / WORKSTATION</b>	<b><u>BRT</u></b>	<b><u>BT</u></b>	<b><u>SIGNAL PREFIX</u></b>	<b><u>GSM-R</u></b>
<b>Wembley Mainline SCC Shift Signaller Manager</b>	085 26414 085 26415 085 26416	0330 852 6414 0330 852 6415 0330 852 6416		
<b>Wembley Mainline SCC – Euston Panel</b> <i>(Euston to Park Street Tunnels)</i>	085 26412	0330 852 6412	WM	74 6151 01
<b>Wembley Mainline SCC – Camden Panel</b> <i>(Park Street Tunnels to Kensal Green Tunnel)</i>	085 26413	0330 852 6413	WM	74 6152 01
<b>Wembley Mainline SCC – Willesden Panel</b> <i>(Kensal Green Tunnel to Wembley Yard)</i>	085 26417	0330 852 6417	WM	74 6153 01
<b>Wembley Mainline SCC – Watford Workstation</b> <i>(Willesden Jn to Kings Langley; Watford Junction to St. Albans Abbey)</i>	085 26418	0330 852 6418	WM, WT	74 6154 01
<b>Wembley Mainline SCC – Suburban Workstation</b> <i>(DC Electric lines: South Hampstead to Watford Junction)</i>	085 26435	0330 852 6435	WS	74 6156 01
<b>Wembley Mainline SCC - Supervisor Workstation</b>	085 26436	0330 852 6436	-	-
<b>Wembley Yard</b>	085 26443	0330 852 6443	WY	-
<b>West Midlands S.C – Bescot Workstation</b> <i>(Hamstead to Portobello Jn (excl))</i>	085 55064	0121 576 2064	SB	74 6007 01
<b>West Midlands S.C. – Bromsgrove Workstation</b> <i>(Barnet Green (excl.) to Ashchurch (excl.); Stoke Works Jn to Droitwich Spa (excl.))</i>	085 55166	0121 576 2166	BA, WB	74 6018 01
<b>West Midlands S.C. – Cherwell Valley Workstation</b> <i>(Heyford to Leamington Spa)</i>	085 55083	0121 576 2083	OL, NA, LN	74 6016 01
<b>West Midlands S.C – Coventry Workstation</b> <i>(Brandon to Hampton-in-Arden (excl.) Kenilworth (incl.) to Coventry; Coventry to Coventry Arena)</i>	085 55720	0121 345 5720	RC, CB, CN, LC	74 6009 01
<b>West Midlands S.C. – Kings Norton Workstation</b> <i>(Five Ways to Barnet Green (incl.); Barnet Green to Redditch; Moseley (excl.) to Kings Norton)</i>	085 49360	0330 854 9360	BB, SY	74 6019 01
<b>West Midlands Shift Signal Manager South</b> (Stourbridge, Snow Hill, North Warwick Workstations )	085 55820	0121 345 5820		74 6000 01
<b>West Midlands S.C. - North Warwick Workstation</b> <i>(Warwick (incl) to Solihull (excl); Hatton to Bearley Junction; Stratford-upon-Avon to Yardley Wood (excl))</i>	085 55821	0121 345 5821	LJ, HS, WM, TB	74 6001 01
<b>West Midlands S.C. – Birmingham New Street Shift Signalling Manager</b>	085 49359	0330 854 9359		74 6012 01
<b>West Midlands S.C. – Proof House Workstation</b> <i>Hampton-in-Arden (incl.) to New Street South Tunnel (excl.), Aston South Jn to Stechford North Jn(excl.); Aston North Jn to Gravelly Hill Cross Over (excl.); Duddeston to Witton (excl.)</i>	085 49357	0330 854 9357	AW, SB, PA, SD	74 6028 01
<b>West Midlands S.C. - Snow Hill Workstation</b> <i>(Solihull (incl) to Jewellery Quarter (incl); Yardley Wood (incl) to Tyseley South Jn)</i>	085 55822	0121 345 5822	TB, LJ, WM	74 6002 01
<b>West Midlands S.C. – Stourbridge Workstation</b>	085 55711	0121 345 5711	DR, SJ	74 6003 01

<i>(Droitwich Spa (excl.) to Jewellery Quarter (excl.); Stourbridge North Jn to Round Oak)</i>				
<b>West Midlands S.C. – Stour Valley Workstation</b> (Galton Jn to Smethwick Jn; Soho South Jn to Perry Barr South Jn; Soho North Jn to Soho East Jn; Perry Barr West Jn to Perry Barr North Jn); Witton (incl.) to Hamstead; Soho South Jn to Tipton (incl.)	085 49358	0330 854 9358	BW, SP, GS, SB	74 6027 01
<b>West Midlands S.C. – Birmingham New Street Workstation</b> (New Street South Tunnel (Incl.) to Monument Lane South Jn (incl.) Down Stour / from Winson Green (incl.) Up Stour. New Street to Five Ways)	085 49390	0330 854 9390	BB, BM, BW, CB, WP	74 6022 01
<b>West Midlands Shift Signal Manager Wolverhampton Area</b> (Telford, Walsall, Wolverhampton Workstations)	085 55080	0121 576 2080		
<b>Worcester Shrub Hill</b>	085 49375 085 49376	0330 8549375 0330 8549376	SH	74 5274 01
<b>Worcester Tunnel Jn</b>	085 49377	0330 8549377	TJ	74 5285 01
<b>West Midlands S.C. – Telford Workstation</b> (Oxley (incl.) to Abbey Foregate (excl.))	085 55885	0121 345 5885	OS, MJ	74 6008 01
<b>West Midlands S.C. – Walsall Workstation</b> (Bescot Jn (excl.) to Rugeley Trent Valley (excl.); Ryecroft Jn to Aldridge Jn (incl.))	085 55074	0121 576 2074	DR, RR	74 6006 01
<b>West Midlands Shift Signal Manager</b> (Washwood Heath and Water Orton)	085 55015	0121 576 2015		74 6011 01
<b>West Midlands S.C. – Water Orton Workstation</b> (Tamworth (incl.) to Bromford Bridge (excl.); Stockingford to Water Orton; Water Orton to Aldridge Jn (excl.))	085 55010	0121 576 2010	WW, WP, NW	74 6005 01
<b>West Midlands S.C. – Washwood Heath Workstation</b> (Bromford Bridge (incl.) to Moseley (incl.))	085 55011	0121 576 2011	WP, LL	74 6004 01
<b>West Midlands S.C. – Wolverhampton Workstation</b> (Tipton (excl.) to Penkridge (excl); Darlaston Jn (excl.) to Bushbury Jn)	085 55877	0121 345 5877	BW, WS, PC, SB	74 6013 01
<b>Willesden Carriage Shed North</b>	085 26425	0330 852 6425	CN	
<b>Willesden Carriage Shed South</b>	085 26426	0330 852 6426	CS	

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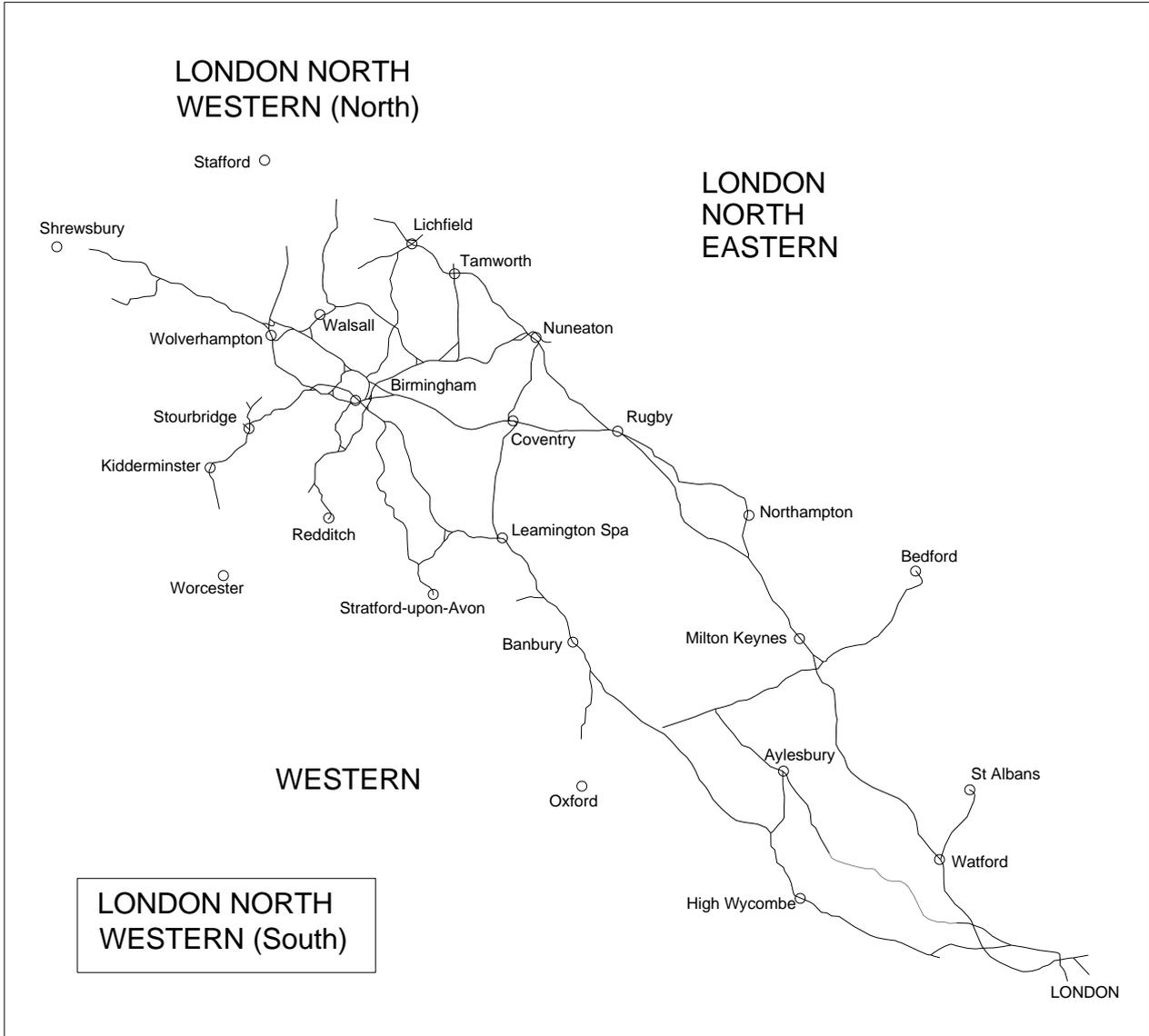
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## Rule Book Module AC – AC electrified lines

### Section 14 - Instructions for examining the OLE

On receiving a report from a Driver of an ADD activation the requirements of this instruction should be complied with provided all the following conditions apply:

- **The train involved is either : class 390 (Pendolino), Class 805 or Class 807.**
- **No loss of OHL supply has occurred (no tripping).**
- **The pantograph in use at the time of the ADD activation has been lowered and the second pantograph has been raised, no loss of OHL supply occurred (no tripping).**

The next train through the section on the affected line must be cautioned to examine the line at a speed not exceeding 20mph from point of ADD to the location where the previous train came to a stand. In this circumstance there is no requirement to examine from an adjacent line.

Where primary means of supporting the OLE is by a headspan wire then the 20mph speed restriction must be applied on all lines until the above examination procedure is carried out successfully on each line or is proved clear by alternative means.

Provided the examination(s) report no issues and there is no further ADD activation or tripping occurrences, normal working may resume.

The infrastructure maintenance OHL teams must be called to inspect/patrol as normal by the ECO.

**LNW South Route GI - Dated: 22/06/24**

## Rule Book Module G1 - General safety responsibilities

### Section 5 - Communications procedure

#### LNW SOUTH ALL LINES

Using GSM-R berth triggered messages and non-verbal acknowledgement to caution Drivers

Signallers can set up automated messages to caution train drivers for:

- Poor railhead conditions.
- Animals on the line (but not inside tunnels).
- Defective Emergency indicators.
- Unusual events (Not Track or Signalling).

All trains fitted with GSM-R will receive the broadcast message. Drivers of services NOT fitted with version 3.5 software do not have an ST button so must disregard the GSM-R berth triggered safety broadcast and bring their train to a stand at the protecting signal and contact the Signaller.

**LNW South Route GI - Dated: 12/11/16**

## Rule Book Module G1 - General safety responsibilities

### Section 7 - Going on the operational railway

#### Hard Hat Areas

The locations shown below are designated as permanent "hard hat" areas. All personnel must wear an approved safety helmet at all times when in the following places unless in a driving cab, brakevan or other similar place.

NOTE: Temporary "hard hat" sites will be shown in Weekly Engineering Notices as necessary.

Worcester Yard

**LNW South Route GI - Dated: 27/03/2021**

# Rule Book Module TW3 - Preparation and movement of locomotive-hauled trains

## Section 8 - Incidents involving exterior doors

The rule must apply also to HST Power Car sliding doors. The TOC concerned must tell Operations Control about any services on which Power Car sliding doors are secured out of use. Should it be necessary to secure any Power Car sliding door out of use, the sliding door on the opposite side of the train must also be secured out of use.

Only one Power Car on which the sliding doors are secured out of use may be formed in a set except when specially authorised by Operations Control. Should the Power Car sliding window also be defective, the set must not be allowed in service.

Access must be maintained from the adjacent trailer vehicle to the Power Car.

HSTs on which any Power Car sliding doors are secured out of use must NOT convey passengers through Ledbury Tunnel.

LNW South Route GI - Dated: 27/03/2021

# Rule Book Module TW3 - Preparation and movement of locomotive-hauled trains

## Section 12, Clause 12.1 - Before the movement begins

**Operating instructions in connection with the operation of the high output system for trains over the LNW Route.**

### Powering the rear locomotive.

This instruction applies to:

- a) High Output Ballast Cleaner (HOBC)
- b) High Output Track Relayer (HOTR)

Due to the length of these trains and that they may be overweight under normal traction arrangements the following trains are authorised to operate with a locomotive provided at each end of the train

6H90 – Operated by DB Schenker

6Y60 – Operated by Freightliner

The instruction will apply regardless of whether the train is travelling to or from a possession, or when transiting between High Output Operating Bases (HOOB's)

A driver will be provided in each locomotive and communication equipment will be provided for use by each driver to communicate with each other as required.

The rear loco is authorised to apply traction power to assist when necessary in negotiation of the route.

Each freight operating company for these trains must, under these conditions, provide a detailed method of operation to the drivers operating the HOBC train. That detail must include:

- What the method of communication will be between the drivers.
- The agreed structure of communication between the lead driver and rear driver when it becomes necessary for the rear locomotive to apply traction power and when traction power from the rear is no longer required.

Should communication be lost between the leading and rear locomotive drivers whilst in transit the train must be brought to a stand immediately and the signaller advised. No further movement must be made until communications are again established between the leading and rear locomotive drivers OR the train is declared a failure in accordance with Rule Book Module M2 and assistance provided.

London North Western Territory GI - Dated: 14/04/2012

## Rule Book Module TW5 - Preparation and movement of trains : Defective or isolated vehicles and on-train equipment

### Section 12 - Emergency bypass switch (EBS)

If the EBS has been operated in a train formed of more than one unit when working over certain single lines on North West & Central Region, the Driver must stop **before leaving the single line** at the following locations. The driver must check that the train is complete and assure the Signaller accordingly before proceeding.

- Shelwick Jn (from Ledbury)

The above is Tokenless Block or One Train Working (without Train Staff) single lines where the controlling Signaller cannot observe tail lamps.

LNW South Route GI - Dated: 27/03/2021

## Rule Book Module TW5 - Preparation and movement of trains : Defective or isolated vehicles and on-train equipment - Defective on-train equipment

### Section 16 - Hot axle boxes and activation of lineside hot axle box detectors

These instructions do not apply to steam locomotives in steam and former Class 101 to Class 128 Diesel Multiple Units running in departmental service and Class 121 units.

LNW South Route GI - Dated: 07/12/13

## Rule Book Module HB8 - IWA, COSS or PC blocking a line & Module TS1 – General Signalling Regulations

### Line Blockage Change of COSS

If you are a new COSS taking duty you must tell the Signaller

If you are the new COSS when a signal box that has been closed is reopened, you must tell the signaller that the COSS has changed.

Where a PC is appointed, the PC must carryout the role of the COSS as described above when applicable.

LNW South Route GI - Dated: 04/12/10

## Rule Book Module HB8 – IWA, COSS OR PC blocking a line 2.2 When additional protection is necessary & Module TS1 – General Signalling Regulations 13.2 COSS, IWA, PC or SWL blocking a line

### Locations on West Coast South where non-standard protection is permitted

Reduced additional protection is permitted at the following locations:

Location	Remarks
Willesden TMD Loop - London End	Stop board and one detonator to be placed beyond (South Side) of Willesden TMD number one hand points OR hand points two and three
Queen's Park – Road 21, connecting Bakerloo to CWJ Down DC Electric	Stop board and one detonator to be placed at WS13 signal
TMD arrival departure line Bletchley	Stop board and one detonator to be placed between signal TK4124 and TK238B points
Forders sidings / Shanks sidings (Waste Disposal Terminal)	Stop board and one detonator to be placed at boundary plate

LNW North Route GI - Dated: 16/05/22

## Protecting a stabled train on a platform line

The following stations are permitted to have trains stabled in the platform during a blockage using Rule Book Module TS1, Regulation 13.2:

- Marylebone
- High Wycombe
- Princes Risborough
- Aylesbury
- Aylesbury Vale Parkway
- Banbury
- Leamington Spa
- Coventry
- Birmingham New Street
- Wolverhampton
- Euston
- Bletchley Platform 6
- Watford Junction Platform 10
- Watford Junction Platform 11, with additional protection of a PLB
- Northampton Bay Platforms 4 5

When a platform line is to be blocked under Rule Book Module TS1, Regulation 13.2 and a train is stabled on that line, the COSS must supply and ensure that the following protection is placed on the train before authorising the work to start:

During daylight - a NOT TO BE MOVED board or a red flag.

During darkness, fog, or falling snow - a red light (steady or flashing).

The COSS must make sure the protection is displayed on the platform side of the train:

- at the end from which the train is to be driven, or
- at both ends of the train if it can be driven from either end.

### Protection of stabled Empty Coaching Stock on through platform lines during Engineering Works

The following locations are permitted to have trains stabled in the platform during a T3 possession

- Birmingham New Street
- Birmingham International
- Wolverhampton
- Coventry
- Leamington Spa
- High Wycombe

When an engineering possession is to be taken, with trains stabled within station limits – outside the limits of the T3, the following arrangements are to be made:

Location of train(s) to be stabled not to fall within the possession limits

Arrangements to be made by PICOP for a detonator and stop bar to be located at the signal at each of a platform where train(s) are stabled, during the process of taking the possession

Arrangements to be published in the WON.

**LNW South Route GI - Dated: 16/08/2025**

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MD101	005	Euston to Armitage Junction (Exclusive)	LEC1	West Coast South	23/08/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		5 47	US 75 DS 75 UF 90 DF 90 EPS 110 MU 105 EPS 105 To / from West London Jn. MD166 seq 004 No. 1 Reception Siding No. 2 Reception Siding		TCB Wembley Mainline SCC (WM) Willesden Panel AC: Rugby ECR 
Wilkesden North Jn		5 54 * 5 58	To / from Kensal Green Jn MD155 seq 002 To Tamper Siding Neck UP CITY LINE DOWN CITY LINE 30 30 30 UP WILLESDEN RELIEF DOWN WILLESDEN RELIEF		TASS fitted: DF line throughout UF line throughout.
Harlesden Jn		6 01 * 6 02 * 6 03 *	UHLG DHLG MD137 seq 001 15 15 15 To / from Acton Canal Wharf MD170 seq 001 UP WILLESDEN RELIEF DOWN WILLESDEN RELIEF		U+DG1 - Up and Down Goods No.1 U+DG2 - Up and Down Goods No.2 UWR - Up Willesden Relief DWR - Down Willesden Relief BR+D1 - Brent Reception and Departure No.1 BR+D2 - Brent Reception and Departure No.2 RR - Railnet Reversible UHLG - Up High Level Goods DHLG - Down High Level Goods
Wilkesden Brent Sidings (Relief lines dive-under WCML)		6 10 * 6 35 6 40	MD137 seq 002 Wilkesden Brent Sidings 1-12 11-12 13-15 5-9 1-3 RR 20 UP SLOW DOWN SLOW UP FAST DOWN FAST		U+DG1 and U+DG2 have ELR: WTS For details of Willesden Relief lines, see: MD166 seq 005-006 'F' Sidings
to		6 46	UWR DWR BR+D2 BR+D1 U+DG2 (PF) U+DG1 (PF) 90 90 90 EPS 110 MU 110 EPS 120 MU 120 EPS 125		Willesden 'F' Sidings are NOT electrified, see Sectional Appendix local instruction published under MD166.
(End of diagram)		6 55	US 90 DS 90 UF 90 DF 110 EPS 110 MU 120 EPS 120 MU 120 EPS 125		

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD101	006	Euston to Armitage Junction (Exclusive)	LEC1	West Coast South	23/08/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		6 55			<p>TCB Wembley Mainline SCC (WM) Willesden Panel AC: Rugby ECR</p> <p>GSM-R </p> <p>TASS fitted: DF line throughout UF line throughout.</p> <p>For details of Willesden Relief lines, see: MD166 seq 005-006</p> <p> Traffic Lockout Devices (LOD(T)) provided: Up Slow: 7m 00ch to 6m 74ch.</p> <p>U+DG1 - Up and Down Goods No.1 U+DG2 - Up and Down Goods No.2 UWR - Up Willesden Relief DWR - Down Willesden Relief BR+D1 - Brent Reception and Departure No.1 BR+D2 - Brent Reception and Departure No.2 U&amp;DHLG - Up &amp; Down High Level Goods SA - South Arrival Line SD - South Departure Line</p> <p>U+DG1 and U+DG2 have ELR: WTS DWR and UWR have ELR: LLG</p> <p>Willesden Relief line mileage in [ ] brackets.</p>
Sudbury Jn		7 12 (2 03)	<p>For details of SD, SA and U&amp;DHLG lines, see MD137 seq 003</p> <p>For details of Willesden Relief lines, see MD166 seq 007</p>		
(End of diagram)		7 40			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD101	007	Euston to Armitage Junction (Exclusive)	LEC1	West Coast South	11/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		7 40			<p>TCB Wembley Mainline SCC (WM) Watford Workstation AC: Rugby ECR</p> <p>GSM-R </p> <p>TASS fitted: DF line and UF line throughout</p> <p>SL - Shunting Line R&amp;D - Reception &amp; Departure line U&amp;DWR - Up &amp; Down Willesden Relief UWR - Up Willesden Relief DWR - Down Willesden Relief ND - North Departure Line NA - North Arrival Line SN - Shunt Neck M, L - Loco Sidings</p> <p> Traffic Lockout Devices (LOD(T)) provided: US / U&amp;DWR: 7m 76ch to [2m 77ch]. US: 8m 23ch to 7m 76ch. DS: 8m 00ch to 8m 14ch. UF &amp; DF: 8m 14ch to 8m 00ch.</p> <p>Willesden Relief line mileage in [ ] brackets</p> <p>Platform Lengths: 3 - 181 metres      5 - 146 metres 4 - 148 metres      6 - 155 metres</p> <p>DC Electric lines and are indicative only, please see MD120-005.</p> <p> Traffic Lockout Devices (LOD(T)) provided: Up Slow: 9m 00ch to 8m 23ch.</p>
(Start / end of Up Willesden Relief, Down Willesden Relief & Up & Down Willesden Relief. CWJ lines tunnel under 14 lines from		7 47			
		7 49			
to		7 55			
		7 60 *			
Start/end of Willesden Relief line		7 68 [2 59]			
Wembley Central Junction		7 78 7 79 * 8 00 *			
<b>WEMBLEY CENTRAL</b>		8 04			
(Slow to Slow crossover)		8 16			
(End of diagram)		8 23			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
MD101	008	Euston to Armitage Junction (Exclusive)	LEC1	West Coast South	10/08/2025	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
(Start of diagram)		8 23			TCB Wembley Mainline SCC (WM) Watford Workstation AC: Rugby ECR	
North Wembley Jn		9 06	Axle Counter area: to/from 9m 48ch. TASS fitted: DF line and UF line throughout.		Traffic Lockout Devices (LOD(T)) provided: Up Slow: 9m 00ch to 8m 23ch.	
North Wembley OHNS		9 15 9 20 *	DC Electric lines and North Wembley, South Kenton & Kenton stations are indicative only, please see MD120-005 and 006. Headstone Lane, Hatch End and Carpenters Park stations after Harrow & Wealdstone not shown, see MD120-007.			
(SOUTH KENTON)		9 35				
(KENTON)		10 24				
<b>HARROW &amp; WEALDSTONE</b>		11 18 * 11 30 11 41 *	Platform Lengths: Harrow & Wealdstone 3 - 245 metres 4 - 245 metres 5 - 245 metres 6 - 245 metres			
(End of diagram)		13 20				

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD101	013	Euston to Armitage Junction (Exclusive)	LEC1	West Coast South	20/07/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		24 00			<p>TCB Rugby SCC (WT/TK) Tring Workstation AC: Rugby ECR</p> <p>GSM-R</p> <p>Axle Counter area.</p> <p>TASS fitted: DF line and UF line throughout</p> <p>Back Road is NOT electrified Back Road - 141 metres (155 yards).</p> <p>Platform Lengths: Hemel Hempstead 1 - 245 metres (268 yards) 2 - 245 metres (268 yards) 3 - 245 metres (268 yards) 4 - 245 metres (268 yards)</p>
(Buffer stop on Neck) Hemel Hempstead South Jn		24 09 24 10			
(Toe of US points)		24 14 24 15 *			
(Trailing crossover)		24 32			
<b>HEMEL HEMPSTEAD</b>		24 39			
		25 17 *			
Bourne End Junction		25 40			
Bourne End OHNS		26 30			
(End of diagram)		27 00			



LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD101	015	Euston to Armitage Junction (Exclusive)	LEC1	West Coast South	17/08/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		31 20			TCB Rugby S.C.C. (TK) Tring Workstation AC: Rugby ECR GSM-R
Tring South Junction		31 25 * 31 30			Axle Counter area. TASS fitted: DF & UF lines.
<b>TRING</b>		31 50			Platform Lengths: Tring Platform 1 - 275 metres Platform 2 - 253 metres Platform 3 - 269 metres Platform 4 - 269 metres Platform 5 - 269 metres
Tring North Jn		31 72 * 31 77 * 32 00 *			
(End of diagram)		32 40			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD101	016	Euston to Armitage Junction (Exclusive)	LEC1	West Coast South	17/08/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		32 40			<div style="border: 1px solid black; padding: 5px; display: inline-block;">                     TCB                      Rugby S.C.C. (TK)                      Tring Workstation                      AC: Rugby ECR                 </div> <div style="float: right; text-align: center;">                     GSM-R  </div> <p>Axle Counter area.</p> <p>TASS fitted: DF &amp; UF lines.</p>
		34 20 *			
Grand Union Canal Underbridge from near Pitstone Marina and Wharf (bridge 118) 80 metres (87 yards)		34 49			
to		34 53			
Cheddington WILD		34 60			
(End of diagram)		36 00			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD101	017	Euston to Armitage Junction (Exclusive)	LEC1	West Coast South	07/06/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		36 00			TCB Rugby S.C.C. (TK) Tring Workstation AC: Rugby ECR GSM-R
<b>CHEDDINGTON</b>		36 08			Axle Counter area TASS fitted: DF & UF lines. Platform Lengths: Cheddington 1 - 247 metres (269 yards) 2 - 247 metres (269 yards) 3 - 247 metres (269 yards) 4 - 247 metres (269 yards)
Ledburn Jn		37 14 *			Semi-Automatic Track Warning System (SATWS) provided at Ledburn Jn, between 37m 08ch and 37m 61ch. See General Instructions.
(End of diagram)		38 00			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD101	018	Euston to Armitage Junction (Exclusive)	LEC1	West Coast South	17/08/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		38 00			TCB Rugby S.C.C. (TK) Tring Workstation AC: Rugby ECR GSM-R
Redborough Farm Underbridge from 3 span brick underbridge (bridge 130) 33 metres (36 yards) to		38 59 38 61			Axle Counter area TASS fitted: DF & UF lines.
Leighton Buzzard OHNS		39 02 * 39 04 *			
<b>LEIGHTON BUZZARD</b>		40 01 * 40 14			Platform Lengths: Leighton Buzzard 1 - 256 metres (280 yards) 2 - 256 metres (280 yards) 3 - 256 metres (280 yards) 4 - 257 metres (281 yards)
(End of diagram)		40 25 * 40 28 * 40 32 * 40 35			



LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD101	024	Euston to Armitage Junction (Exclusive)	LEC1	West Coast South	03/08/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		48 60			TCB Rugby SCC (TK/KR) Bletchley Workstation AC: Rugby ECR 
Knowlhill Jn		48 75			
		49 25 *			
		49 39 *			
Milton Keynes South Jn		49 43			Traffic Lockout Devices (LOD(T)) provided on all lines through Milton Keynes Central.
<b>MILTON KEYNES CENTRAL</b>		49 65			MKRF - Milton Keynes Reversible Fast MKRS - Milton Keynes Reversible Slow Platform Lengths: 1: 251 metres.                      2: 308 metres. 2A: 124 metres (operational length for electric traction arriving with pantograph leading is 104 metres). 3: 300 metres.                      4: 300 metres. 5: 300 metres.                      6: 300 metres.
		49 75 *			
Milton Keynes North Jn		50 10			
		50 16 *			
(End of diagram)		50 60			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD101	025	Euston to Armitage Junction (Exclusive)	LEC1	West Coast South	20/09/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		50 60			TCB Rugby SCC (TK/KR) Bletchley Workstation AC: Rugby ECR GSM-R
(Buffer stop on Siding)		51 36 51 38 *	Axle Counter area. TASS fitted: DF & UF lines.		
Dive-under Viaduct (Wolverton) from "Under the boards" Br Number 173 to (Trailing points on Up Slow)		(51 57 51 60 ) 51 66 )	"Under the Boards" WWRs		
Wolverton Sidings		( 52 05 )	WWRs - Wolverton Works Reception Sidings. Mileage for Wolverton Works Reception Sidings has ELR WOW2 and is not continuous from LEC1 mileage. To make this difference clear, curved brackets ( ) are used on all WOW2 mileages.		
Church Street LC (TMO) & Wolverton Works Siding		52 20 * ( 52 20 )	To Wolverton Works (Alstom Transport) HAVERSHAM BANK SIDINGS		
<b>WOLVERTON</b>		52 33 52 42 *	Platform Lengths: 1 - 251 metres 2 - 248 metres 3 - 253 metres 4 - 246 metres		
(Buffer stops on Haversham Bank Sdgs)		( 52 59 )			
(Mileage adjustment).		52 66	Wolverton Curve Mileage adjustment		
(End of diagram)		52 64 52 69			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD101	026	Euston to Armitage Junction (Exclusive)	LEC1	West Coast South	03/08/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		52 69			TCB Rugby SCC (TK/KR) Bletchley Workstation AC: Rugby ECR 
		52 72 *			TASS fitted: DF/DM lines and UM/UF lines. Axle Counter area.
		53 00 *			Rugby SCC (KR/HN) Northampton Workstation
		54 53 *			From approx. 53m 30ch.
Castlethorpe Station, former site of		54 60			Traffic Lockout Devices (LOD(T)) provided: DF and DS to 53m 43ch UF and US from 53m 10ch
		55 00 *			
Castlethorpe North HABD		55 63			
Hanslope South Jn Change of ELR on Slow lines		56 29			LEC1 HNR
(Change of linenames on Fast lines to Up Main & Down Main)		56 47			
Hanslope North Jn		56 66			
Ashton OHNS		57 56 *			
		58 34			
		60 34 *			
(End of Weedon / Main lines parallel with Northampton lines)		60 76			
(End of diagram)		61 00			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD101	029	Euston to Armitage Junction (Exclusive)	LEC1	West Coast South	06/07/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		80 60			<p>TCB Rugby SCC (KR/NR) Rugby Workstation AC: Rugby ECR</p> <p>GSM-R</p> <p>TASS fitted : DM &amp; UM lines to Hillmorton Junction DF &amp; UF lines DN &amp; UN lines Axle Counter area. UN - Up Northampton DN - Down Northampton DC - Down Coventry .</p> <p>Line name changes at 81m 29ch: Down Main to Down Fast Up Fast to Up Main.</p> <p>Line name changes at 81m 75ch (84m 22ch-HNR): Down Northampton to Down Coventry Down Northampton to Down Slow</p> <p>ELR change: LEC1 - HNR at 82m 13ch (84m 40ch) on the Up Northampton line and 81m 75ch (84m 22ch) on the Down Northampton line</p> <p>ELR HNR line mileages in brackets ( )</p> <p> Traffic Lockout Devices (LOD(T)) provided from 79m 52ch on the DM to along the DF and on the DS and DC lines through Rugby. Along the UF, UN and US through Rugby to 80m 45ch on the UM including Hillmorton Jn.</p> <p>Permissive working (PP-A) is authorised in both directions for Platforms 1, 2, 4, 5 &amp; 6.</p> <p>Permissive working (PP-A) is authorised in Platform 3 in the Down direction only.</p> <p>Platform Lengths: 1 - 270 metres 2 - 344 metres 3 - 196 metres 4 - 336 metres 5 - 274 metres 6 - 198 metres</p> <p>① Middle Stabling siding Out Of Use</p>
(Start of unidirectional on Up Main) (crossover)		80 75 81 10 (83 43) *			
Hillmorton Junction		81 28			
(DN) UF (Up)		(84 09) * 81 60 *			
DF		81 72 *			
UN and UF (Down) UC (Down)		82 16 * 82 18 *			
Rugby South Junction		82 26 82 27 * 82 29 *			
<b>RUGBY</b>		82 40			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD101	030	Euston to Armitage Junction (Exclusive)	LEC1 LEC2	West Coast South	25/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
<b>RUGBY</b>		82 40			TCB Rugby SCC (RC, RN) Rugby Workstation AC: Rugby ECR 
Rugby S.C.C.		82 60			Axle Counter area.
Rugby R.O.C.		82 63			TASS fitted : DF & UF lines UN line
Rugby North Junction		82 70			Permissive working (PP-A) is authorised in both directions for platforms 1, 2, 4, 5 & 6.
		83 08 *			Platform Lengths: see MD101 seq 029.
		83 13 *			 Traffic Lockout Devices (LOD(T)) provided on all running lines
Rugby Trent Valley Junction		83 18			Permissive working (PF) is authorised on the Up Goods Loop - 756 metres (826 yards)
		83 33 *			ELR - LEC1 ELR - LEC2 at 83m 17ch
		83 41 *			Line name changes at 83m 19ch: UTVF to UF      UTVS to US UC to UN
		83 48 *			Line name changes at 83m 28ch: DF to DTVF      DS to DTVS
(End of diagram)		83 59	To New Bilton Sidings MD180 seq 001 To Coventry MD301 seq 001		DC - Down Coventry UC - Up Coventry DTVF - Down Trent Valley Fast UTVF - Up Trent Valley Fast UTVS - Up Trent Valley Slow UN - Up Northampton

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD101	035	Euston to Armitage Junction (Exclusive)	LEC2	West Coast South	04/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
<b>NUNEATON</b>		97 10			<p>TCB Rugby SCC (NL) Nuneaton Workstation AC: Crewe ECR</p> <p>GSM-R </p> <p>Axle Counter area.</p> <p>TASS fitted on Fast lines only.</p> <p><input checked="" type="checkbox"/> Traffic Lockout Devices (LOD(T)) provided on all running lines</p> <p>Platform Lengths: Nuneaton (Permissive Working) 1: 170 metres (PP-A authorised in both directions) 2: 337 metres (PP-A authorised in both directions) 3: 301 metres 4: 333 metres 5: 245 metres (PP-A authorised in Up direction) 5: 333 metres (PP-A authorised in Down direction)</p> <p>Mileage in brackets ( ) from Birmingham via Water Orton ELR: NWO.</p> <p>DTVS: Down Trent Valley Slow DTVf: Down Trent Valley Fast UTVS: Up Trent Valley Slow UTVf: Up Trent Valley Fast D&amp;UPL: Down &amp; Up Platform Line DNC: Down Nuneaton Chord UNC: Up Nuneaton Chord UR: Up Relief UA: Up Arley DA: Down Arley</p> <p>Fast lines are bidirectional throughout the page. Slow lines are bidirectional at the top of the page, and unidirectional lower down the page.</p>
		97 21 *	<p>To Birmingham MD232 seq 002</p>		
		97 33 *			
Nuneaton North Jn		97 36 (10 18)			
Ashby Jn		97 72			
Canal Farm Jn		98 25			
Hartshill Sidings (former site of)		99 42			
Mancetter LC (former site of)		101 00 101 42 *			
(End of diagram)		101 45			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD101	036	Euston to Armitage Junction (Exclusive)	LEC2	West Coast South	04/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		101 45	UTVS 75    UTVF 110 EPS 125 110    DTVF 100    DTVS 75		TCB Rugby SCC (NL) Nuneaton Workstation AC: Crewe ECR 
		101 56 *	*    *    *    *		
		102 02 *	*    *    *    *		
		102 03 *	*    *    *    *		
<b>ATHERSTONE</b>		102 23	2    85 EPS 100 85    90 EPS 100 90    1    60		
		102 42 *	*    *    *    *		
		102 71 *	90 EPS 100 90    105 EPS 125 105    90		
		103 20 *	*    *    *    *		
		103 63 *	105 EPS 125 105    105    110		
		103 65 *	*    *    *    *		
		106 31 *	110    110 MU 115 EPS 125    110    110    110    110		
(End of diagram)		106 33	75    110 EPS 125 110    110    110    110    75		
			UTVS    UTVF    DTVF    DTVS		Axle Counter area. TASS fitted. UTVS: Up Trent Valley Slow UTVF: Up Trent Valley Fast DTVF: Down Trent Valley Fast DTVS: Down Trent Valley Slow  Platform Lengths: Atherstone Platform 1 - 137 metres (150 yards) Platform 2 - 122 metres (133 yards)   Traffic Lockout Devices (LOD(T)) provided on all running lines  Rugby ROC (NL) Colwich Workstation From 103m 60ch on all four lines. Fast lines are bidirectional throughout this page.

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD105	001	Hanslope South Jn to Rugby (via Northampton)	HNR	West Coast South	08/11/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Hanslope South Jn Change of ELR		56 29			<div style="border: 1px solid black; padding: 5px; display: inline-block;">                     TCB Rugby SCC (HN)                      Northampton Workstation                      AC: Rugby ECR                 </div>
(Change of linenames on Slow lines to Up Northampton / Down Northampton & Change of linenames on Fast lines to Up Main / Down Main)		56 47	Continued on MD101 seq 026		Axle Counter area on all main lines, and Northampton Gateway Freight Terminal.
Hanslope North Jn		56 66	To / from Rugby MD101 seq 026		Semi-Automatic Track Warning System (SATWS) provided at Hanslope, between 56m 27ch and 56m 69ch. See General Instructions.
Ashton OHNS		58 34			TASS fitted: DS / Down Northampton : Not fitted Up Northampton : from 57m 05ch towards Up Fast. Up Slow : Not fitted
Roade HABD		58 58 *			UF - Up Fast DF - Down Fast UM - Up Main DM - Down Main
'Birdcage' in Roade Cutting on UN & DN (471 metres / 515 yards)		58 70 *			TAWS fitted on all applicable lines between 61m 09ch and 62m 64ch.
(End of Northampton lines parallel with Weedon / Main lines)		59 72			SH - South Headshunt R2 - Terminal Reception Line 2 R3 - Terminal Reception Line 3 NGS - Northampton Gateway South, points 396A to 396B NGN - Northampton Gateway North, points 397A to 397B
from to		60 55			
		60 76			
Courteenhall Jn		61 20 *			
		61 30			
Northampton Gateway Freight Terminal		62 00			
Gateway Tunnel (36 metres / 39 yards)		62 35			
from to		62 37 *			
Collingtree Road Jn		62 50			
(End of diagram)		62 75			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
MD105	002	Hanslope South Jn to Rugby (via Northampton)	HNR	West Coast South	08/11/2025	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
(Start of diagram)		62 75			<p>TCB Rugby SCC (HN) Northampton Workstation AC: Rugby ECR</p> <p>Axle Counter area: Down Northampton: to 64m 30ch Up Northampton : from 65m 30ch.</p> <p>TCB Rugby SCC (RY) Northampton Workstation AC: Rugby ECR</p> <p>Change of signal prefix only from 64m 30ch (Down) and 65m 30ch (Up).</p>	
M1 Motorway road underbridge 66 metres (72 yards)		from 63 18 to 63 20				
Hunsbury Hill Tunnel (1056 metres/ 1155 yards)		from 64 00 to 64 53				
Grand Union Canal Viaduct 64 metres (70 yards)		from 65 08 to 65 11				
River Nene Viaduct 99 metres (108 yards)		from 65 14 to 65 19				
(Crossover)		65 34				
(End of diagram & A428 access point)		65 40				

LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	ELR		Route	Last Updated
MD136	004	Harlesden Jn to Wembley Central (Willesden Carriage Shed lines)	WCL WGS2 WGS3		LNW South	05/11/2016
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks
Willesden Carriage Sheds (north end)		2 37				<div style="border: 1px solid black; padding: 2px;">                     NB / TCB Willesden Carriage Shed                      North SB (CN)                      AC: Rugby ECR                 </div> <p>NB regulations apply on the Down Carriage Line between Willesden Carriage Shed South SB and Willesden Carriage Shed North SB.</p> <p>TCB regulations apply on the Up Carriage Line between Willesden Carriage Shed North SB and Willesden Carriage Shed South SB.</p> <p>NOTE: GSM-R not provided at Willesden Carriage Shed North SB.</p> <p>TPWS and AWS not provided on any lines shown on this diagram.</p> <p>DC Electric lines indicative only. See MD120 seq 004 for details.</p> <p>WCSS: Willesden Carriage Servicing Shed.                      WCMS: Willesden Carriage Maintenance Shed.                      Stores: Stores Siding.                      SL: Shunting Line.</p>
Stores Siding GF		2 45				
Wash Plant		2 46				
Up Carriage Line GF		2 47				
Willesden Carriage Shed North S.B.		2 50	<p>Yard Line indicative only. See MD137 seq 004 for details.</p> <div style="border: 1px solid black; padding: 2px;">                     TCB                 </div> <p>ELR's:                      Down and Up Carriage Lines: WCL.                      Carriage Shed Roads: WGS2.                      Marshalling and Stabling Sidings: WGS3.                      Stonebridge Park Sidings: SRS</p>			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR			Route	Last Updated
MD136	005	Harlesden Jn to Wembley Central (Willesden Carriage Shed lines)	WCL	WEF1	WGS4	West Coast South	11/10/2025
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Connection with Yard Line (Change of ELR and mileage).		2 67 * 0 77				<p>TCB Willesden Carriage Shed North SB (CN) AC: Rugby ECR</p> <p>NOTE: GSM-R not provided at Willesden Carriage Shed North SB.</p> <p>TPWS and AWS not provided on Shunting Line, North Arrival Line, or North Departure Line..</p> <p>Wembley Yard PSB (WY)</p> <p>NOTE: GSM-R not provided at Wembley Yard PSB.</p> <p>Wembley Mainline SCC (WM) Watford Workstation</p> <p><b>GSM-R</b></p> <p>ELR's: Shunting Line: WCL. Yard line, NAL and NDL: WEF1. Carriage Necks: WGS4.</p> <p>Mileages in brackets ( ) are WCML mileages (ELR: LEC1) (see MD101).</p> <p>SL: Shunting Line. NAL: North Arrival Line. NDL: North Departure Line. L: Loco Siding L. M: Loco Siding M.</p>	
Wembley Central Junction		1 13 (7 78)					
<b>WEMBLEY CENTRAL</b>		(8 04)					

LNW South Route Sectional Appendix Module LNWS)2

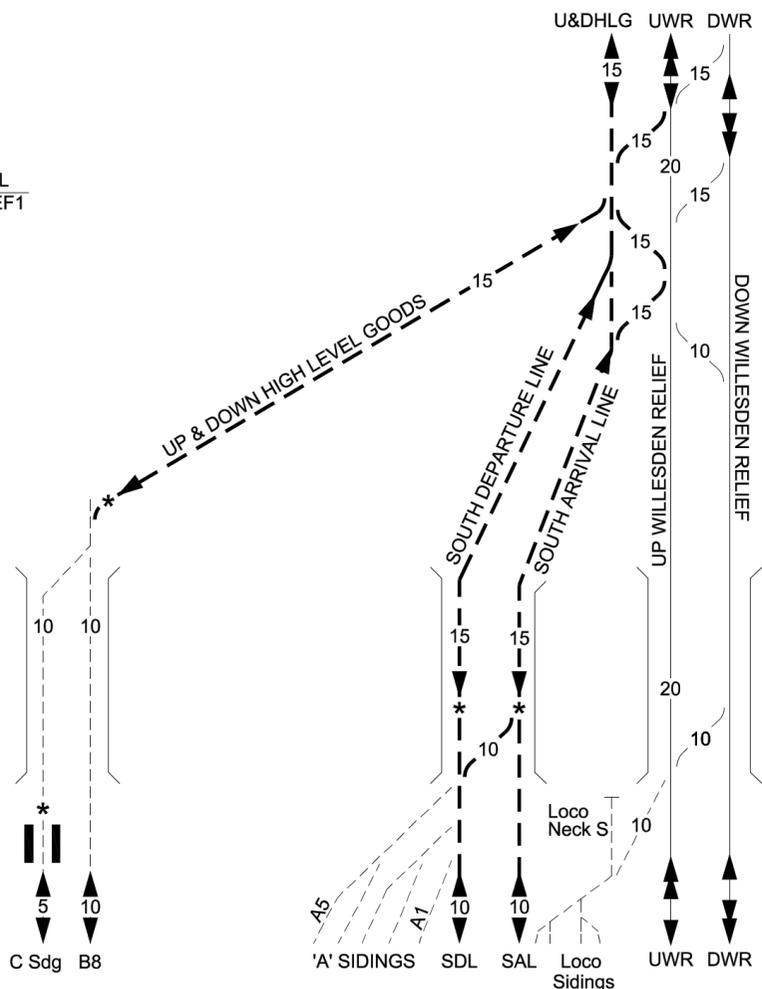
LOR	Seq.	Line of Route Description	ELR			Route	Last Updated		
MD137	001	Harlesden Jn to Wembley Central (Wembley Yard lines)	WCL	WRM	UHL	West Coast South	11/10/2025		
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks			
Harlesden Jn		(6 01) 1 00				TCB Wembley Mainline SCC (WM) Willesden Panel AC: Rugby ECR 			
Brent Sidings		1 01 *  1 03 * 1 04 *				TPWS not provided.  DHLG: Down High Level Goods. UHLG: Up High Level Goods. U&D HLG: Up & Down High Level Goods. R&D1: Railnet Reception & Departure No.1 R&D2: Railnet Reception & Departure No.2 R&D3: Railnet Reception & Departure No.3 R&D4: Railnet Reception & Departure No.4  UCL: Up Carriage Line. DCL: Down Carriage Line.  DWR: Down Willesden Relief. UWR: Up Willesden Relief.			
Railnet Junction		1 11				For details of Carriage lines, see MD136 seq 001 Willesden Brent Sidings MD101 seq 005  UCL DCL R&D4 R&D3 R&D2 R&D1 U&D HLG		ELR's: UHLG, DHLG, UCL and DCL: WCL. Up & Down High Level Goods: UHL. Railnet Reception & Departure lines: WRM.  PF authorised on Up & Down High Level Goods and Railnet Reception & Departure lines.	

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR		Route	Last Updated
MD137	002	Harlesden Jn to Wembley Central (Wembley Yard lines)	WRM	UHL	West Coast South	11/10/2025
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks
(Railnet Reversible connection)		1 35	<p>UCL DCL R&amp;D4 R&amp;D3 R&amp;D2 R&amp;D1 U&amp;D HLG</p> <p>For details of Carriage lines, see MD136 seq 001</p> <p>Willesden Brent Sidings. See MD101 seq 005</p> <p>See MD101 seq 005</p> <p>Willesden Relief lines. See MD166 seq 007</p>			<p>TCB Wembley Mainline SCC (WM) Willesden Panel AC: Rugby ECR</p> <p>GSM-R </p> <p>PF authorised on Up &amp; Down High Level Goods and Railnet Reception &amp; Departure lines.</p> <p>Wembley Yard PSB (WY)</p> <p>Signalled moves into and out of the Stonebridge Park Royal Mail Terminal are controlled from Wembley Yard. Up &amp; Down High Level Goods line controlled by Wembley Mainline SCC - Willesden Panel.</p> <p>NOTE: GSM-R not provided at Wembley Yard PSB.</p> <p>U&amp;D HLG: Up &amp; Down High Level Goods. R&amp;D1: Railnet Reception &amp; Departure No.1 R&amp;D2: Railnet Reception &amp; Departure No.2 R&amp;D3: Railnet Reception &amp; Departure No.3 R&amp;D4: Railnet Reception &amp; Departure No.4 RR: Railnet Reversible.</p> <p>UCL: Up Carriage Line. DCL: Down Carriage Line.</p> <p>UWR: Up Willesden Relief. DWR: Down Willesden Relief.</p> <p>Platform lockouts on all platforms within the terminal.</p> <p>ELR's: Railnet Reception &amp; Departure lines and Royal Mail Terminal: WRM. Up &amp; Down High Level Goods and Railnet Reversible: UHL.</p>
Stonebridge Park Royal Mail Terminal (Princess Royal Distribution Centre)		1 45 * 1 48				
		1 59 *				

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LOR	Seq.	Line of Route Description	Mileage		ELR	Route	Last Updated
MD137	003	Harlesden Jn to Wembley Central (Wembley Yard lines)	M	Ch	UHL WEF1	West Coast South	11/10/2025
Location			Mileage		Running lines & speed restrictions		Signalling & Remarks
			M	Ch			
Wembley Yard South Junction (Change of ELR and mileage).			1	62			<p>TCB Wembley Mainline SCC (WM) Willesden Panel AC: Rugby ECR</p> <p>ELR's: Up &amp; Down High Level Goods: UHL. All other lines and sidings: WEF1.</p> <p>For details of the Up Willesden Relief line and Down Willesden Relief line, see MD166 seq 007.</p> <p>PF authorised on Up &amp; Down High Level Goods.</p> <p>Wembley Yard PSB (WY)</p> <p>NOTE: GSM-R not provided at Wembley Yard PSB.</p> <p>AWS and TPWS not provided on South Departure and South Arrival lines.</p> <p>B8: 'B' Siding No.8.</p>
			1	66	UHL		
			0	00	WEF1		
Start/end of viaducts			0	07 *			
Brent Viaducts (North Circular Road)			0	10			
Start/end of viaducts			0	12 *			
Carriage Washer (on 'C' Siding)			0	15			
			0	17 *			
			0	18			



LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD137	004	Harlesden Jn to Wembley Central (Wembley Yard lines)	WEF1	West Coast South	11/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Wembley Yard PSB		2 04			<p>TCB Wembley Yard PSB (WY) AC: Rugby ECR</p> <p>NOTE: GSM-R not provided at Wembley Yard PSB.</p> <p>Signalling into and within 'C' Sidings controlled by 'C' Sidings Yard Controller.</p> <p>All lines and sidings provided with AC overhead electrification, with exception of 'B' Sidings 3 - 7.</p> <p>SDL: South Departure Line. SAL: South Arrival Line.</p> <p>AWS and TPWS not provided on any lines shown on this page (except for Willesden Relief lines).</p> <p>Willesden Relief lines indicative only - see MD166 seq 008 for details.</p> <p>PF authorised on Reception &amp; Departure lines.</p>
Wembley Mainline SCC		2 06			
		2 33 *	<p>Willesden Carriage Stabling Siding 7</p> <p>Willesden Carriage Sidings indicative only - see MD136 seq 003 for details.</p>		

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD137	005	Harlesden Jn to Wembley Central (Wembley Yard lines)	WEF1	West Coast South	11/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Willesden Carriage Shed North SB		0 67			<p>TCB Wembley Yard PSB (WY) AC: Rugby ECR</p> <p>NOTE: GSM-R not provided at Wembley Yard PSB.</p> <p>AWS and TPWS not provided on Yard line or Reception &amp; Departure lines.</p> <p>Willesden Relief lines indicative only - see MD166 seq 009 for details.</p> <p>PF authorised on Reception &amp; Departure lines.</p> <p>Wembley Mainline SCC (WM) Watford Workstation</p> <p>GSM-R</p> <p>NDL: North Departure Line. NAL: North Arrival Line. L: Loco Siding L. M: Loco Siding M.</p> <p>Mileages in brackets ( ) are WCML mileages (ELR: LEC1), see MD101. All other mileages are WEF1.</p> <p>Down DC: Down DC Electric. Up DC: Up DC Electric.</p> <p>DC Electric lines indicative only - see MD101 seq 007 MD120 seq 005 for details.</p>
		0 77 *			
Wembley Central Junction		1 13 (7 78)			
(Buffer stop on Shunt Neck)		1 17			
<b>WEMBLEY CENTRAL</b>		(8 04)			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD140	001	Bletchley to Bedford St. Johns (Inclusive)	LEC1 BBM BLT2	West Coast South	30/08/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Bletchley South Jn		46 41			<p>TCB</p> <p>Rugby SCC (TK) Bletchley Workstation AC: Rugby ECR</p> <p>GSM-R</p> <p>Platform Lengths: Bletchley Platform 5: 262 metres (286 yards). Platform 6: 129 metres (141 yards).</p> <p>Platforms 5 and 6: permissive (PP-A) in both directions.</p> <p>BR2: Bletchley Relief 2. BR2N: Bletchley Relief 2 Neck. VRS: Vale Refuge Siding. HSN: Hopper Siding Neck.</p> <p><input type="checkbox"/> Traffic Lockout Devices (LOD(T)) provided.</p> <p>VRS 60 SLU/384 metres/420 yards Vale Lines electrified as far as 0m 22ch. Vale Sidings are fully electrified on this page.</p> <p>VS: Vale Sidings</p>
<b>BLETCHLEY</b>		46 54			
Bletchley North Jn		46 60			
(Change of mileage / ELR)		0 11 *			
Bletchley East Jn		0 17			
		0 18 *			
(Buffer stop on Vale Sidings)		0 20			
Intersection bridge (Bletchley) from (DHF over electrified BBM and BLT2) 13 metres (14 yards)		0 22			
Limit of Electrification (Vale Lines)		0 22			
to		0 23 *			
		0 23			
(End of diagram)		0 24			

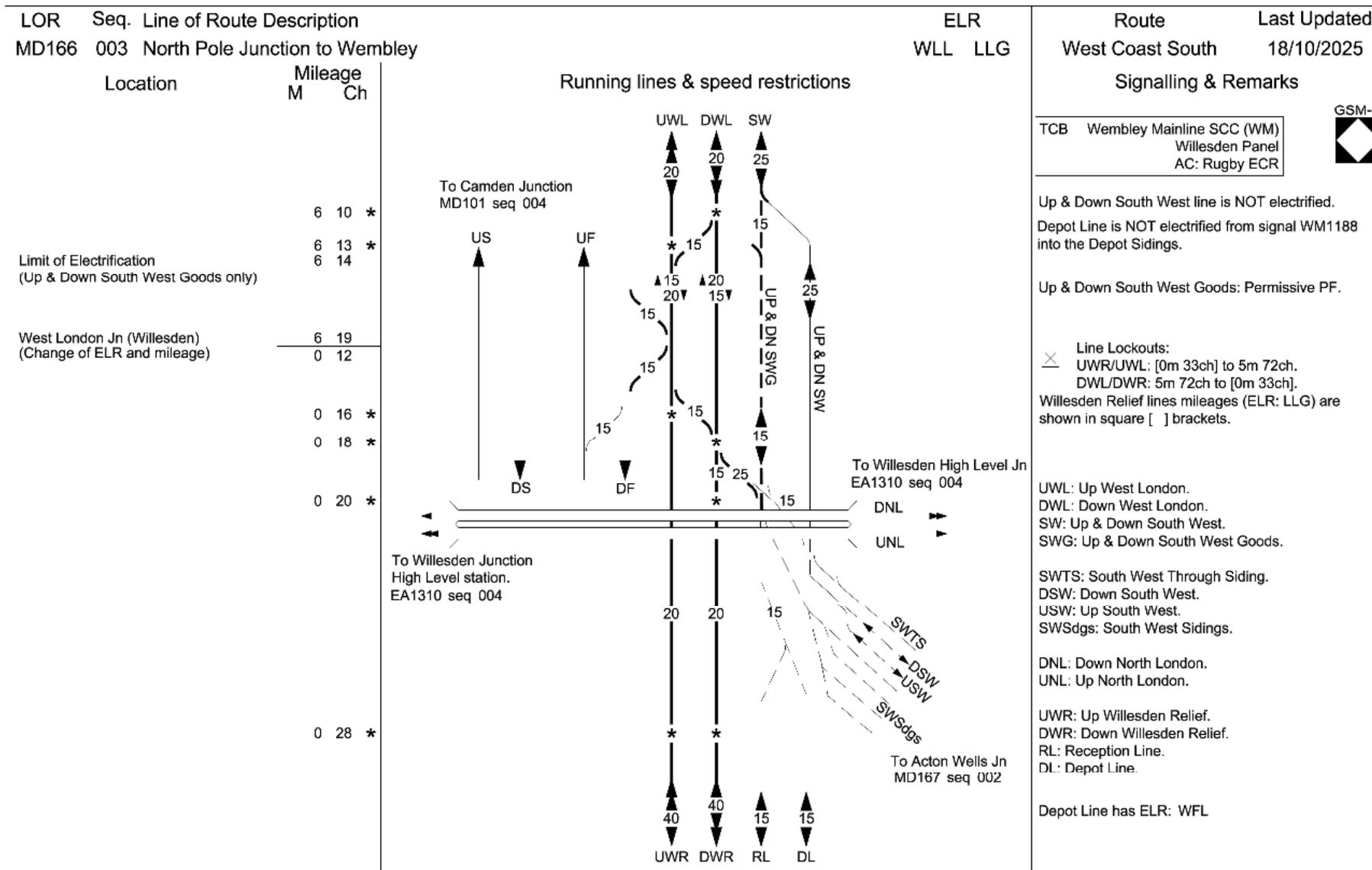
LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	Mileage		Running lines & speed restrictions	ELR	Route	Last Updated	
MD140	002	Bletchley to Bedford St. Johns (Inclusive)	M	Ch		BBM BLT2	West Coast South	30/08/2025	
Location			Mileage		Running lines & speed restrictions	Signalling & Remarks			
(Start of diagram)			0	24		TCB	Marston Vale SCC (MV) West Workstation	GSM-R	
(Connection to Bletchley T.M.D.)			0	25			Siding lines to / from Bletchley T.M.D. are AC electrified with power supply controlled from Rugby ECR. Except: DMU Fuel Siding and DMU Sidings 2 & 1. Vale Refuge Siding 384 metres/420 yards. VS: Vale Sidings OR2: Outside Siding 2 OR1: Outside Siding 1 DMU FUEL: DMU Fuel Siding Civil Engineers Depot, Bletchley T.M.D. and Vale Sidings have ELR BLT2.		
Bletchley Vale Sidings (OOU)			0	38			EMU CET 5: EMU CET Siding 5 EMU CET 4: EMU CET Siding 4 EMU CET 3: EMU CET Siding 3 S/S : Shunting/Stabling Siding EMU CET 2: EMU CET Siding 2 EMU CET 1: EMU CET Siding 1 DMU 2: DMU Siding 2 DMU 1: DMU Siding 1		
			0	40 *			Civil Engineers Depot, Bletchley T.M.D. and Vale Sidings have ELR BLT2.		
Bletchley Traction Maintenance Depot			0	44			EMU CET 5: EMU CET Siding 5 EMU CET 4: EMU CET Siding 4 EMU CET 3: EMU CET Siding 3 S/S : Shunting/Stabling Siding EMU CET 2: EMU CET Siding 2 EMU CET 1: EMU CET Siding 1 DMU 2: DMU Siding 2 DMU 1: DMU Siding 1		
			0	49			Civil Engineers Depot, Bletchley T.M.D. and Vale Sidings have ELR BLT2.		
(Highest mileage in Bletchley T.M.D) (Former connection to Vale Sidings)			0	53			EMU CET 5: EMU CET Siding 5 EMU CET 4: EMU CET Siding 4 EMU CET 3: EMU CET Siding 3 S/S : Shunting/Stabling Siding EMU CET 2: EMU CET Siding 2 EMU CET 1: EMU CET Siding 1 DMU 2: DMU Siding 2 DMU 1: DMU Siding 1		
			0	54			Civil Engineers Depot, Bletchley T.M.D. and Vale Sidings have ELR BLT2.		
			0	74 *			EMU CET 5: EMU CET Siding 5 EMU CET 4: EMU CET Siding 4 EMU CET 3: EMU CET Siding 3 S/S : Shunting/Stabling Siding EMU CET 2: EMU CET Siding 2 EMU CET 1: EMU CET Siding 1 DMU 2: DMU Siding 2 DMU 1: DMU Siding 1		
Fenny Stratford Jn			0	76 *			Civil Engineers Depot, Bletchley T.M.D. and Vale Sidings have ELR BLT2.		
<b>FENNY STRATFORD</b>			1	05			EMU CET 5: EMU CET Siding 5 EMU CET 4: EMU CET Siding 4 EMU CET 3: EMU CET Siding 3 S/S : Shunting/Stabling Siding EMU CET 2: EMU CET Siding 2 EMU CET 1: EMU CET Siding 1 DMU 2: DMU Siding 2 DMU 1: DMU Siding 1		
Fenny Stratford LC (CCTV)			1	13			Civil Engineers Depot, Bletchley T.M.D. and Vale Sidings have ELR BLT2.		
(End of diagram)			1	17			EMU CET 5: EMU CET Siding 5 EMU CET 4: EMU CET Siding 4 EMU CET 3: EMU CET Siding 3 S/S : Shunting/Stabling Siding EMU CET 2: EMU CET Siding 2 EMU CET 1: EMU CET Siding 1 DMU 2: DMU Siding 2 DMU 1: DMU Siding 1		

LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD140	003	Bletchley to Bedford St. Johns (Inclusive)	BBM	West Coast South	01/03/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		1 17			TCB Marston Vale SCC (MV) West Workstation GSM-R
Single & Double Jn		1 42			U&DV: Up & Down Vale.
		1 44 *			
<b>BOW BRICKHILL</b>		2 05			Platform Lengths: Bow Brickhill Down 37 metres Up 37 metres
Bow Brickhill LC (CCTV)		2 05			
Browns Wood LC (FP)		2 70			
Pony Crossing LC (UWC)		3 20	T		
Woodleys Farm LC (UWC)		3 54	T		
Fisherman's Path LC (FP)		3 76			
<b>WOBURN SANDS</b>		4 08			Platform Lengths: Woburn Sands Down 68 metres Up 62 metres
Woburn Sands LC (CCTV)		4 11			
(End of diagram)		4 21	UM DM		

LNW South Route Sectional Appendix Module LNW(S)2



LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	ELR		Route	Last Updated
MD166	004	North Pole Junction to Wembley	LLG	WFL	West Coast South	09/03/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks
South End Terminal Cabin		0 39				<p>TCB Wembley Mainline SCC (WM) Willesden Panel AC: Rugby ECR</p> <p><b>GSM-R</b></p> <p>All lines and sidings are electrified with exception of the Depot Line and Depot Sidings.</p> <p>① To Depot Sidings No. 9-12 and Customs Road</p> <p>UWL: Up West London. DWL: Down West London.</p> <p>UWR: Up Willesden Relief. DWR: Down Willesden Relief. RL: Reception Line. DL: Depot Line.</p> <p>☒ Line Lockouts: UWR: 1m 28ch to 0m 33ch. UWR/UWL: 0m 33ch to [5m 72ch]. DWL/DWR: [5m 72ch] to 0m 33ch. DWR: 0m 33ch to 1m 28ch.</p> <p>West London lines mileages (ELR: WLL) are shown in square [ ] brackets.</p> <p>ELR's: Willesden Relief lines and Reception Sidings: LLG. Depot Line and Depot Sidings: WFL.</p>
Willesden Euroterminal		0 41				
North End Terminal Cabin		0 58				

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD166	005	North Pole Junction to Wembley	LLG WFL	West Coast South	10/08/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Willesden Euroterminal					<p>TCB Wembley Mainline SCC (WM) Willesden Panel AC: Rugby ECR</p> <p>GSM-R</p> <p>All lines and sidings are electrified with exception of the Depot Sidings and their connection to the Up &amp; Down Acton Branch.</p> <p>DS1: Depot Siding No.1 DS2: Depot Siding No.2 DS3: Depot Siding No.3 U&amp;D AB: Up &amp; Down Acton Branch.</p> <p>☒ Line Lockouts: UWR: 1m 28ch to 0m 33ch. DWR: 0m 33ch to 1m 28ch.</p> <p>ELR's: Willesden Relief lines and Reception Sidings: LLG. Depot Line and Depot Sidings: WFL.</p>
(Start of connection Reception Line with DWR)		0 64			
(Connection DWR with Reception Line)		0 66			
Willesden Junction		0 71			
		0 76			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD166	006	North Pole Junction to Wembley	LLG	West Coast South	18/10/2025
Location	Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
				<p>TCB Wembley Mainline SCC (WM) Willesden Panel AC: Rugby ECR</p> <p>GSM-R</p> <p>'F' Sidings are NOT electrified.</p> <p>Line Lockouts:  <input checked="" type="checkbox"/> UWR: 2m 08ch to 1m 39ch.                  UWR: 1m 39ch to 1m 28ch.                  UWR: 1m 28ch to 0m 33ch.                  DWR: 0m 33ch to 1m 28ch.                  DWR: 1m 28ch to 1m 39ch.                  DWR: 1m 39ch to 2m 08ch.</p> <p>U&amp;DG1: Up &amp; Down Goods No.1                  U&amp;DG2: Up &amp; Down Goods No.2                  RR: Railnet Reversible.</p>	
Brent New Junction	1 22 *				
	1 25				
Start/end of dive-under	1 29				
	1 35				

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD166	007	North Pole Junction to Wembley	LLG	West Coast South	18/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Wembley Yard South Junction		1 46 *	<p>UWR 20 DWR 20</p> <p>To Harlesden Jn. MD137 seq 003</p> <p>U&amp;DHLG</p> <p>15 10 20</p> <p>15 15 15</p> <p>To Wembley 'C' Sidings. MD137 seq 003</p> <p>U&amp;DHLG</p> <p>15 15 15</p> <p>SDL</p> <p>SAL</p> <p>To Up &amp; Down Goods No.1 and No.2, and Brent Reception &amp; Departure No.1 and No.2 lines. MD101 seq 006</p> <p>10 15</p> <p>US</p> <p>UF</p> <p>To Wembley 'A' Sidings and Reception &amp; Departure lines. MD137 seq 003</p> <p>10</p> <p>Loco Neck S</p> <p>10 20 20</p> <p>UWR DWR</p> <p>DS</p> <p>DF</p> <p>WCML. Lines indicative only - see MD101 seq 006 for details.</p>		<p>TCB Wembley Mainline SCC (WM) Willesden Panel AC: Rugby ECR</p> <p> GSM-R</p> <p>☒ Line Lockouts: UWR: 2m 08ch to 1m 39ch. DWR: 1m 39ch to 2m 08ch.</p> <p>UWR: Up Willesden Relief. DWR: Down Willesden Relief. U&amp;DHLG: Up &amp; Down High Level Goods. SDL: South Departure Line. SAL: South Arrival Line.</p>
Start/end of viaducts		1 62			
Brent Viaducts (North Circular Road)		1 67 *			
Start/end of viaducts		1 73			
Start/end of viaducts		1 78			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD166	008	North Pole Junction to Wembley	LLG	West Coast South	09/03/2024
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
Sudbury Jn	2 01 * 2 03 (7 12)	<p>Lines indicative - see MD137 seq 004 for details.</p>	<p>TCB Wembley Mainline SCC (WM) Willesden Panel AC: Rugby ECR</p> <p>GSM-R</p> <p>Mileages in brackets ( ) are WCML mileages (ELR: LEC1) (see MD101).</p> <p>☒ Line Lockouts: UWR: 2m 08ch to 1m 39ch. DWR: 1m 39ch to 2m 08ch. DWR, UWR and U&amp;DWR: 2m 08ch to 2m 54ch.</p> <p>TCB Wembley Mainline SCC (WM) Watford Workstation</p> <p>PF authorised between signal WM936 and signals WM830 / WM934 in the Up direction and between signals WM929 / WM827 and signal WM933 in the Down direction.</p> <p>U&amp;DWR: Up &amp; Down Willesden Relief. DWR: Down Willesden Relief. UWR: Up Willesden Relief.</p> <p>To / from Wembley Central MD120 seq 005</p>		
(Start / end of Up Willesden Relief, Down Willesden Relief & Up & Down Willesden Relief.	2 35 * 2 37 (7 47)				
CWJ lines tunnel under 14 lines from	2 39 (7 55)				

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD166	009	North Pole Junction to Wembley	LLG	West Coast South	11/10/2025
Location	Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Start/end of Willesden Relief line	2 59 (7 68)	<p>Lines indicative - see MD137 seq 005 for details.</p>		<p>TCB Wembley Mainline SCC (WM) Watford Workstation AC: Rugby ECR</p> <p>GSM-R </p> <p>PF authorised between signals WM929 / WM827 and signal WM933 in the Down direction.</p> <p>Line Lockouts: DWR, UWR and U&amp;DWR: 2m 08ch to 2m 54ch. U&amp;DWR and US: 2m 54ch to (7m 76ch).</p> <p>Mileages in brackets ( ) are WCML mileages (ELR: LEC1) (see MD101).</p> <p>Down DC: Down DC Electric. Up DC: Up DC Electric.</p> <p>DC Electric lines indicative only - see MD120 seq 005 for details.</p>	
Wembley Central Junction	(7 78)	<p>Lines indicative - see MD136 seq 005 for details.</p>			
<b>WEMBLEY CENTRAL</b>	(8 04)				

LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD167	001	Mitre Bridge Jn to Acton Wells Jn (South West lines)	WLL	West Coast South	18/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Mitre Bridge					<div style="border: 1px solid black; padding: 2px;">TCB Wembley Mainline SCC (WM) Willesden Panel</div> <p>NOTE: West London lines and High Level lines are provided with AC overhead electrification, controlled from Rugby ECR.</p> <p>See Line of Route MD166 for West London lines details.</p> <p>UWL: Up West London. DWL: Down West London. UHL: Up High Level. DHL: Down High Level.</p> <p>MBN: Mitre Bridge Neck. SW: Up &amp; Down South West.</p> <p>Up &amp; Down South West.: Permissive PF.</p>
Start/end of Mitre Bridge		5 64			
Route Boundary		5 65			
Mitre Bridge Jn		5 67 (0 00)			
Mitre Bridge LC (CCTV)		5 72			
		6 07			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD180	001	Rugby, Trent Valley Junction to New Bilton	RTS	West Coast South	18/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Rugby Trent Valley Junction		83 18 83 19 0 00	<p>Continued on MD101 seq 030</p>		<p>TCB Rugby SCC (RC) Rugby Workstation</p> <p>AWS and TPWS not provided.</p> <p>GSM-R </p>
New Bilton (End of Line)		0 79			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	Mileage		ELR	Route	Last Updated
MD232	001	Hinckley (Exclusive) to Abbey Jn	M	Ch	WNS PVS	West Coast South	14/12/2024
Location			Mileage		Running lines & speed restrictions		Signalling & Remarks
							<p>TCB Rugby SCC (WN) Nuneaton Workstation</p> <p>UN: Up Nuneaton DN: Down Nuneaton Axle Counter area.</p> <p>① Telephone linked to Rugby SCC</p> <p>☒ Traffic Lockout Devices (LOD(T)) provided: Down Hinckley / Arley lines from 0m 64ch. Up Arley / Hinckley lines to 0m 64ch.</p> <p>AC: Crewe ECR</p> <p>CS - Cemetery Sidings CS1 - Cemetery Siding 1 CS2 - Cemetery Siding 2 UA: Up Arley DA: Down Arley UTVS: Up Trent Valley Slow UTVF: Up Trent Valley Fast DTVf: Down Trent Valley Fast DTVS: Down Trent Valley Slow D&amp;UPL: Down &amp; Up Platform Line</p> <p>West Coast Main Line mileage in ( ) brackets.</p>
Route / Sectional Appendix Boundary & change of Linenames			2	62			
Padge Hall Farm LC (UWC)			2	24	T ①		
(Connection to Cemetery Sidings) Limit of Electrification (OLE in the Down direction)			0	50 *	☒ *		
			0	40			
			0	39			
(Handpoints on Cemetery Sidings) (Crossover on Hinckley lines)			0	21			
			0	17			
(Buffer stops on CS1 and CS2)			0	10			
Nuneaton South Jn			0	05 (96 68)			
Change of Mileage / ELR (Change of line names)			0	03	WNS		
			10	63	PVS		

LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD301	001	Rugby to Penkrigde (Exclusive) (via Birmingham)	RBS1	West Coast South / Central	16/08/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Rugby Trent Valley Junction (Linenames change Up Coventry to Up Northampton)		83 18 83 20 83 33 *			<p>TCB Rugby SCC (RN/RC) Rugby Workstation AC: Rugby ECR</p> <p>To / from majority of this page, see mileages at the bottom of this page. Line name changes at 83m 20ch: UC to UN. Axle Counter area. TASS fitted area. UN - Up Northampton DC - Down Coventry UC - Up Coventry</p> <p> Traffic Lockout Devices (LOD(T)) provided on the DC and UC to/from 90m 24ch</p> <p>UTVS - Up Trent Valley Slow UTVF - Up Trent Valley Fast DTVS - Down Trent Valley Slow DTVF - Down Trent Valley Fast</p> <p>Birmingham ROC (RC) Coventry Workstation</p> <p>Up Line : to 90m 28ch Down Line : from 91m 19ch.</p>
Parkfield Road OHNS (Down Coventry) Parkfield Road OHNS (Up Coventry)		83 62 83 65 83 69 *	<p>To Nuneaton MD101 seq 030</p>		
Long Lawford Jn		84 23 * 84 30 84 38 *	<p>WEST COAST SOUTH</p> <p>CENTRAL ROUTE</p>		
Brandon HABD (Indicated to Birmingham ROC) Route Boundary		89 05 89 50	<p>UC DC</p>		
(Linenames change to Down Main & Up Main) (End of diagram)		90 28 90 28			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
MD301	002	Rugby to Penkrigde (Exclusive) (via Birmingham)	RBS1	Central	03/05/2025	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
(Start of diagram)		90 28			TCB Birmingham ROC (RC) Coventry Workstation AC: Rugby ECR	
(Linenames change to Down Main & Up Main)		90 28				
		93 14 *				
		93 56 *				
		93 59 *				
Coventry South Jn		93 71				
<b>COVENTRY</b>		93 79				
		94 08 *				
		94 13 *				
Coventry North Jn		94 19 (0 00)				
(End of diagram)		94 21				
					(CB) Change of prefix only.  Platform lengths: Coventry Platform 1: 321 metres (PP-C in Up Direction only) Platform 2: 352 metres Platform 3: 352 metres Platform 4: 242 metres (PP-C in Down Direction only)  SN: South Neck  Mileage in brackets () refers to CNN mileage. UB: Up Bedworth DB: Down Bedworth	

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD301	011	Rugby to Penkrigde (Exclusive) (via Birmingham)	RBS2	Central	18/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		0 19			<p>TCB Birmingham ROC (BW) New Street Workstation AC: Rugby ECR</p> <p>GSM-R</p> <p>Axle Counter area.</p> <p>Bi-directional on the Up Stour line between Birmingham New Street and Monument Lane South Jn.</p> <p>TASS fitted Down Stour line - from 0m 65ch Up Stour line - to 0m 65ch.</p> <p>UST - Up Stour DST - Down Stour U&amp;DMML - Up &amp; Down Monument Lane Loop</p> <p>Permissive working: PF is authorised in both directions on U&amp;DMML. Down direction: 567 metres (620 yards). Up direction: 627 metres (686 yards).</p> <p>Birmingham ROC (BW) Stour Valley Workstation</p> <p>From approx 1m 01ch on the Down Stour to approx 1m 79ch on the Up Stour.</p>
New Street North Tunnel continued (687 metres / 751 yards) Tunnel continued from Seq 010					
Arena Tunnel (161 metres / 176 yards)		to 0 53 *			
		to 0 60 *			
		0 61 *			
Monument Lane South Jn		0 65			
Monument Lane North Jn		1 26			
Winson Green OHNS		1 45			
		2 01 *			
(End of diagram)		2 02			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD301	012	Rugby to Penkrigde (Exclusive) (Via Birmingham)	RBS2	Central	18/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		2 02			TCB Birmingham ROC (BW) Stour Valley Workstation AC: Rugby ECR
Soho South Jn		2 06 (2 71)			GSM-R
(Connection to LMD-A)		2 10			Axle Counter area on all Main lines, but not LMD Arrival Line or Soho Light Maintenance Depot.  TASS fitted: Down Stour and Up Stour lines
(end of Soho lines parallel to Stour lines)		2 16 (2 61)			LMD-A - Light Maintenance Depot Arrival Line  'X' - Non-electrified lines. All other depot lines are electrified.
Soho, Light Maintenance Depot		2 24			Mileages in brackets ( ) refer to MD325, SSP mileages.  WPR - Wash Plant Road CWBP - Carriage Washer By Pass Line
Soho North Jn		2 38 [0 21]			Mileage in brackets [ ] refer to MD330, SCL mileage.  Up Soho Curve from Soho Curve North Jn to Soho North Jn has ELR RBS2.  DSC - Down Soho Curve LMD-D - LMD Departure Line DSGL - Down Soho Goods Loop  Down Soho Goods Loop - 270 metres (295 yards) Permissive working: PF is authorised in both directions on DSGL  Down direction trains can turn back on the Down Stour line at exit from Down Soho Goods Loop.
(End of diagram)		2 55			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD301	013	Rugby to Penkrigde (Exclusive) (via Birmingham)	RBS2	Central	18/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		2 55			<p>TCB Birmingham ROC (BW) Stour Valley Workstation AC: Rugby ECR</p> <p><b>GSM-R</b></p> <p>Axle Counter area. Up Soho Curve from Soho Curve North Jn to Soho North Jn has ELR RBS2.</p> <p>Down Soho Goods Loop - 270 metres (295 yards)</p> <p>Permissive working: PF is authorised in both directions on DSGL Down direction trains can turn back on the Down Stour line at exit from Down Soho Goods Loop.</p> <p>TASS fitted: Down Stour and Up Stour lines</p> <p>Platform lengths: Smethwick Rolfe Street Platform 1: 152 metres (166 yards) Platform 2: 136 metres (149 yards)</p> <p>Up direction trains can turnback in Platform 1 at Smethwick Rolfe Street.</p> <p>Semi-Automatic Track Warning System (SATWS) provided at Galton Jn, between RBS2 3m 40ch and 3m 79ch. See General Instructions.</p> <p>USB - Up Stourbridge DSB - Down Stourbridge</p> <p>Platform lengths: Smethwick Galton Bridge Platform 3: 151 metres (165 yards) Platform 4: 149 metres (163 yards)</p> <p>Down direction trains can turnback in Platform 3 at Smethwick Galton Bridge.</p> <p>USH - Up Snow Hill DSH - Down Snow Hill</p>
Soho Curve North Jn		2 61			
Start / end of Down Soho Goods Loop		2 66			
<b>SMETHWICK ROLFE STREET</b>		3 30			
(Connection to Down Stourbridge)		3 57			
Galton Jn		3 64			
<b>SMETHWICK GALTON BRIDGE</b>		4 05			
		4 20 *			
(End of diagram)		4 40			

LNW South Route Sectional Appendix Module LNWS2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD301	014	Rugby to Penkrigde (Exclusive) (via Birmingham)	RBS2	Central	18/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		4 40			<p>TCB Birmingham ROC (BW) Stour Valley Workstation AC: Rugby ECR</p> <p>GSM-R</p> <p>Axle Counter area.</p> <p>Platform lengths: Sandwell &amp; Dudley Platform 1: 270 metres (295 yards) Platform 2: 268 metres (293 yards)</p> <p>Up direction trains can turnback in Platform 1 at Sandwell &amp; Dudley.</p> <p>TASS fitted: Down Stour and Up Stour lines.</p> <p>Platform lengths: Dudley Port Platform 1: 89 metres (97 yards) Platform 2: 89 metres (97 yards)</p> <p>Midlands Metro lines are currently UNDER CONSTRUCTION and are indicative only. When commissioned the lines will be provided with 750V DC overhead electrification.</p> <p>Semi-Automatic Track Warning System (SATWS) provided at Watery Lane, between 7m 32ch and 8m 02ch. See General Instructions.</p> <p>Up Stour Goods : 512 metres (559 yards) Down Stour Goods : 694 metres (758 yards)</p> <p>Permissive working - PF authorised on USG and DSG</p>
<b>SANDWELL &amp; DUDLEY</b>		5 28			
Albion Jn		5 73 *			
Albion Sidings (former connection With Down Stour Line)		5 76	Albion Sidings (Out of use)		
		6 20 *			
		6 30 *			
<b>DUDLEY PORT</b>		7 29			
Midlands Metro underbridge from Metro on former DPJ line - 19 metres (21 yards) to (Connection to Down Stour Goods)		7 32 7 33 7 35	To / from Walsall		
(Exit from Up Stour Goods)		7 43	To / from Brierley Hill		
(End of diagram)		7 60			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD301	015	Rugby to Penkridge (Exclusive) (via Birmingham)	RBS2	Central	18/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		7 60	<p>The diagram shows four tracks: USG (Up Stour Goods), UST (Up Stour), DST (Down Stour), and DSG (Down Stour Goods). At the top, USG and DSG have a 15 mph restriction, while UST and DST have a 75 mph restriction. A 15 mph restriction is also shown between UST and DST. At the bottom, UST and DST have a 60 mph restriction. A 'WATERY LANE' crossing is shown between 7m 76ch and 7m 32ch. At 8m 16ch, the 'TIPTON' station is shown with two platforms. A 'DOWN STOUR' line is also indicated.</p>		<p>TCB Birmingham ROC (BW) Stour Valley Workstation AC: Rugby ECR</p> <p><b>GSM-R</b></p> <p>Axle Counter area.</p> <p>USG - Up Stour Goods: 512 metres (559 yards) DSG - Down Stour Goods: 694 metres (758 yards)</p> <p>Permissive working - PF authorised on USG and DSG</p> <p>Watery Lane access point is aprox 7m 76ch. Semi-Automatic Track Warning System (SATWS) provided at Watery Lane, between 7m 32ch and 8m 02ch. See General Instructions.</p> <p>TASS fitted: Down Stour and Up Stour lines</p> <p>Platform lengths: Tipton Platform 1: 105 metres (115 yards) Platform 2: 101 metres (110 yards)</p> <p>Down direction trains can turnback in Platform 2 at Tipton.</p>
(Watery Lane access point)		7 76			
<b>TIPTON</b>		8 16			
		8 40 *			
(End of diagram)		8 50			

LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD301	016	Rugby to Penkrigde (Exclusive) (via Birmingham)	RBS2	Central	18/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		8 50	<p>The diagram illustrates the railway layout between Birmingham and Wolverhampton. It shows two main lines: the Up Stour (UST) and Down Stour (DST). At the top, near Birmingham, the UST has a 60 mph speed restriction, and the DST has a 60 mph speed restriction. Further down, both lines have a 75 mph speed restriction. The UST is labeled 'UP STOUR' and the DST is labeled 'DOWN STOUR'. A 15-degree curve is shown between the lines. Stations marked include Coseley OHNS, COSELEY (with two platforms, 1 and 2), Monmore Green, and Wolverhampton Steel Terminal. A siding is shown connecting to the UST line, leading to the Steel Terminal. Midland Metro lines are also indicated at the bottom. Signalling symbols for Birmingham ROC (BW) and Wolverhampton Workstation are shown.</p>		<p>TCB Birmingham ROC (BW) Wolverhampton Workstation AC: Rugby ECR</p> <p>GSM-R</p> <p>Down Stour: from 8m 59ch Up Stour: to 9m 11ch. Axle Counter area.</p> <p>TASS fitted: Down Stour and Up Stour lines</p> <p>Platform lengths: Coseley Platform 1: 122 metres (133 yards) Platform 2: 122 metres (133 yards)</p> <p>The siding to Wolverhampton Steel Terminal is NOT electrified.</p> <p>Midland Metro lines indicative only. Lines provided with 750V DC overhead electrification.</p>
Coseley OHNS		9 12			
<b>COSELEY</b>		9 46			
Monmore Green		11 62			
(Connection to Steel Terminal)		11 71			
(Buffer stop on Siding)		11 72			
Bilston Road, Monmore Green from		11 79			
Underbrdges 83A & 84					
(#83A 25 metres / 27 yards					
#84 57 metres / 62 yards) to		12 02			
Wolverhampton Steel Terminal		12 19			
(End of diagram)		12 20			



LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	Mileage		Running lines & speed restrictions	ELR	Route	Last Updated
MD301	018	Rugby to Penkrigde (Exclusive) (via Birmingham)	M	Ch		RBS2 RBS3	Central	18/10/2025
		Location					Signalling & Remarks	
		(Start of diagram)	13	20			TCB Birmingham ROC (WS) Wolverhampton Workstation AC: Rugby ECR	GSM-R
		(Buffer stop on Wolverhampton Carriage Siding)	13	25				Axle Counter area.
		Wolverhampton North Jn	13	32 *				UST - Up Stour DST - Down Stour
								UM - Up Wellington DM - Down Wellington
								TASS fitted: Down Stour and Up Stour lines and Down Penkrigde and Up Penkrigde lines.
		Bushbury Jn Change of mileage and ELR	14 42	RBS2				① 20mph through connection
			15 32	RBS3				
			15 33 *					
			15 34 *					
		(Connection to / from Down Bushbury Goods Loop)	15 40					DBGL: Down Bushbury Goods Loop: 981 metres / 1073 yards.
			15 56	T				
		(Connection from Down Bushbury Goods Loop)	16 18				UP - Up Penkrigde DP - Down Penkrigde	
		(End of diagram)	16 60					

LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
MD301	019	Rugby to Penkridge (Exclusive) (via Birmingham)	RBS3	Central	18/10/2025	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
(Start of diagram)		16 60			<p>TCB Birmingham ROC (WS) Wolverhampton Workstation AC: Rugby ECR</p> <p>Axle Counter area.</p> <p>UP: Up Penkridge. DP: Down Penkridge.</p> <p>TASS fitted: Down Penkridge and Up Penkridge lines.</p> <p>FAUGL: Four Ashes Up Goods Loop (440 metres / 481 yards).</p> <p>Semi-Automatic Track Warning System (SATWS) provided at Four Ashes, between 19m 64ch and 20m 20ch. See General Instructions.</p>	<p>GSM-R</p>
Four Ashes South Jn		19 71				
Four Ashes		20 20				
Route Boundary / Sectional Appendix Boundary		23 30				
<b>PENKRIDGE</b>		23 32			<p>Rugby ROC (WS) Stafford Workstation</p> <p>DP : to 22m 51ch UP: from 23m 49ch.</p> <p>Platform Lengths: Penkridge Platform 1: 96 metres (105 yards). Platform 2: 101 metres (110 yards).</p>	
Continued in the LNW(N) Sectional Appendix.						

## LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD305	001	Birmingham New Street to Blackwell	BAG1	LNW South	21/10/2017
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
THIS TABLE A HAS BEEN REPLACED BY MD306-001					

LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD306	001	Birmingham New Street to Ashchurch (Excl.) (via Dunhampstead)	RBS2 BAG1	Central	25/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
<b>BIRMINGHAM NEW STREET</b>		0 05	<p>Continued on MD301 seq 010</p>		<p>TCB Birmingham ROC (BM) New Street Workstation AC: Rugby ECR</p> <p>GSM-R</p> <p>Axle Counter area.</p> <p>Maximum speed 10mph, all lines Birmingham New Street.</p> <p>AWS magnets are not provided for Birmingham New Street station platform and platform starting signals.</p> <p>Platform Lengths: Birmingham New Street See Local Instruction published under MD301</p> <p>Standages: Birmingham New Street No.1 Siding - 236 metres (258 yards) No.2 Siding - 171 metres (187 yards) No.3 Siding - 170 metres (186 yards)</p> <p>DG: Down Gloucester UG: Up Gloucester</p> <p>① Trolleys must only be placed on the line in this tunnel when the line is in the absolute possession of the Engineer.</p> <p>Bi-directional on the Up Gloucester line from Birmingham New Street to Church Road Jn.</p> <p>Birmingham ROC (BB) New Street Workstation</p>
Change of mileage & ELR		0 18	RBS2		
Holiday Street Tunnel (281 metres / 307 yards)		42 39 *	BAG1		
① from		42 40			
		42 42 *			
(End of diagram)		42 45			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD306	002	Birmingham New Street to Ashchurch (Excl.) (via Dunhampstead)	BAG1	Central	25/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		42 45			<p>TCB Birmingham ROC (BB) New Street Workstation AC: Rugby ECR</p> <p>Axle Counter area: Down Gloucester : to 43m 13ch Up Gloucester : from 43m 12ch.</p> <p>① Trolleys must only be placed on the line in this tunnel when the line is in the absolute possession of the Engineer.</p> <p>Bi-directional on the Up Gloucester line from Birmingham New Street to Church Road Jn.</p> <p>DG: Down Gloucester UG: Up Gloucester</p> <p>Platform Lengths: Five Ways Platform 1 - 197 metres (215 yards) Platform 2 - 192 metres (210 yards)</p> <p>Birmingham ROC (BB) Kings Norton Workstation</p> <p>Down direction (both lines): from 43m 12ch Up Direction: to 43m 23ch. Up direction trains can turn back in Platform 1 at Five Ways.</p>
		42 50 *			
Holiday Street Tunnel continued ① to (281 metres / 307 yards)		42 54			
Canal Tunnel ① from (206 metres / 225 yards)		42 55 *			
		42 57			
		42 67			
Granville Street Tunnel ① from (74 metres / 81 yards)		42 68			
		42 72			
Bath Row Tunnel ① from (192 metres / 210 yards)		42 78			
		43 07			
<b>FIVE WAYS</b>		43 18			
		43 23 *			
(End of diagram)		43 30			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD306	003	Birmingham New Street to Ashchurch (Excl.) (via Dunhampstead)	BAG1	Central	25/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		43 30			<p>TCB Birmingham ROC (BB) Kings Norton Workstation AC: Rugby ECR</p> <p>GSM-R</p> <p>Bi-directional on the Up Gloucester line from Birmingham New Street to Church Road Jn.</p>
Church Road Jn		43 48			
Church Road Tunnel (98 metres / 107 yards)		from 43 56 to 43 61			
<b>UNIVERSITY</b>		44 73			
Selly Oak vehicle Link Road Underbridge No.18A (80 metres / 89 yards)		from 45 22 to 45 26			
Selly Oak Viaduct (229 metres / 250 yards) Nos.20,20A/20B,21		from 45 33 to 45 45			
<b>SELLY OAK</b>		45 50			
(End of diagram)		45 68			
					<p>Birmingham ROC (SY) Kings Norton Workstation</p> <p>Change of prefix only from DB 44m 05ch, and Up Gloucester to 45m 70ch. Platform Lengths: University Platform 1 - 173 metres (189 yards) Platform 2 - 185 metres (202 yards)</p> <p>Platform Lengths: Selly Oak Platform 1 - 190 metres (208 yards) Platform 2 - 190 metres (208 yards)</p>

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD306	004	Birmingham New Street to Ashchurch (Excl.) (via Dunhampstead)	BAG1	Central	25/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		45 68			<p>TCB Birmingham ROC (SY) Kings Norton Workstation AC: Rugby ECR</p> <p>Platform Lengths: Bournville Platform 1 - 142 metres (155 yards) Platform 2 - 142 metres (155 yards)</p> <p>ULC: Up Lifford Curve. DLC: Down Lifford Curve.</p>
Birmingham and Worcester Canal from (82 metres / 91 yards) to		45 71 45 75			
<b>BOURNVILLE</b>		46 58			
Lifford West Jn		47 20			
		47 27 *			
		47 31 *			
Pershore Road Tunnel (57 metres / 62 yards) from		47 34			
		47 37			
(End of diagram)		47 40			



LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated		
MD306	005	Birmingham New Street to Ashchurch (Excl.) (via Dunhampstead)	BAG1 BAG2 SKN	Central	25/10/2025		
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks		
(Start of diagram)		47 40			TCB Birmingham ROC (SY) Kings Norton Workstation AC: Rugby ECR	GSM-R	
Kings Norton Station Jn Change of mileage and ELR		47 48 46 41 (46 45) *			BAG1 BAG2	Mileages in brackets refer to Camp Hill lines.  ELR's: Camp Hill lines and Down Camp Hill to Down Gloucester Slow connecting line have ELR : SKN, see MD570 seq 004.  Platform Lengths: Kings Norton Platform 1 - 150 metres (164 yards) Platform 4 - 150 metres (164 yards)  O.O.U. - platforms Out Of Use.  DG: Down Gloucester UG: Up Gloucester  UCH - Up Camp Hill DCH - Down Camp Hill KNS - Kings Norton Sidings KNAD - Kings Norton Arrival and Departure KNWS - Kings Norton West Sidings	
<b>KINGS NORTON</b>		46 50 * 46 51 * (46 54) * 46 65 (46 59)  (46 68) *					
Kings Norton Jn		46 79 * 46 79 (46 77)  47 02 *					
(End of diagram)		47 22					NOTE: Only the following lines are electrified: Down Gloucester Slow and Up Gloucester Slow lines. Down Camp Hill line from Kings Norton Station Jn to Kings Norton Jn, including 30mph crossovers at Kings Norton Station Jn.

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD306	006	Birmingham New Street to Ashchurch (Excl.) (via Dunhampstead)	BAG2	Central	25/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		47 22			TCB Birmingham ROC (SY) Kings Norton Workstation AC: Rugby ECR 
Kings Norton West Jn		47 46			KNAD - Kings Norton Arrival and Departure KNWS - Kings Norton West Sidings KNN - Kings Norton Neck
<b>NORTHFIELD</b>		48 12			Platform Lengths: Northfield Platform 1 - 190 metres (208 yards) Platform 4 - 190 metres (208 yards)  O.O.U. - Out Of Use
(End of diagram)		48 40			NOTE: Only the following lines are electrified: Down Gloucester Slow and Up Gloucester Slow.

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD306	007	Birmingham New Street to Ashchurch (Excl.) (via Dunhampstead)	BAG2	Central	25/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		48 40			<p>TCB Birmingham ROC (SY) Kings Norton Workstation AC: Rugby ECR</p> <p>GSM-R </p> <p>UGS - Up Gloucester Slow UGF - Up Gloucester Fast DGF - Down Gloucester Fast DGS - Down Gloucester Slow</p> <p>Platform Lengths: Longbridge Platform 1 - 170 metres (186 yards) Platform 2 - 150 metres (164 yards)</p> <p>UGS - Up Gloucester Slow UGF - Up Gloucester Fast DG - Down Gloucester DGG - Down Gloucester Goods LRS - Longbridge Reversing Siding</p> <p>NOTE: Only the following lines are electrified: Down Gloucester Slow to Longbridge Jn. Down Gloucester from Longbridge Jn. Up Gloucester Fast to Longbridge Jn. Up Gloucester Slow from Longbridge Jn. Longbridge Reversing Siding.</p>
<b>LONGBRIDGE</b>		49 03 *			
		49 12			
Longbridge Jn		49 21			
(Buffer stop on Longbridge Reversing Siding)		49 38			
		49 42 *			
(End of diagram)		50 00	<p>UP GLOUCESTER SLOW 70 UGS</p> <p>UP GLOUCESTER FAST 90 UGF</p> <p>DOWN GLOUCESTER 90 DG</p> <p>DOWN GLOUCESTER GOODS 45 DGG</p>		

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD306	008	Birmingham New Street to Ashchurch (Excl.) (via Dunhampstead)	BAG2	Central	25/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		50 00			TCB Birmingham ROC (SY) Kings Norton Workstation AC: Rugby ECR GSM-R
Cotton Jn		50 34			DGG - Down Gloucester Goods
(End of diagram)		51 00			NOTE: Only the following lines are electrified: Down Gloucester and Up Gloucester Fast lines.

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD306	009	Birmingham New Street to Ashchurch (Excl.) (via Dunhampstead)	BAG2	Central	25/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		51 00			<p>TCB Birmingham ROC (SY) Kings Norton Workstation AC: Rugby ECR</p> <p>GSM-R </p> <p>Axle Counter area: Up Gloucester to 52m 04ch. Down Gloucester from 52m 13ch.</p> <p>NOTE: The following line is NOT electrified: Up Gloucester Slow line</p> <p>DR - Down Redditch UR - Up Redditch UG - Up Gloucester DG - Down Gloucester</p> <p>Platform Lengths: Barnt Green Platform 1 - 184 metres (201 yards) Platform 2 - 186 metres (203 yards)</p> <p>Birmingham ROC (BA) Bromsgrove Workstation</p> <p>Down Gloucester from 51m 74ch Up Gloucester to 52m 35ch.</p>
Barnt Green Jn		51 58			
<b>BARNT GREEN</b>		51 67			
(End of diagram)		52 33			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
MD306	010	Birmingham New Street to Ashchurch (Excl.) (via Dunhampstead)	BAG2	Central	09/08/2025	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
(Start of diagram)		52 33			TCB Birmingham ROC (BA) Bromsgrove Workstation AC: Rugby ECR	
M42 Motorway bridge (Bromsgrove) (43 metres / 47 yards) from to		52 34 52 36			Axle Counter area.	
Blackwell North Jn		52 57				
		53 00 *			NOTE: The following lines are not electrified: Blackwell Down Goods Loop Blackwell Engine Lie-by and associated Sand Drag  BDGL is severed at both ends and is out of use.	
Blackwell South Jn (Bromsgrove)		53 09				
Lickey Incline (Blackwell Summit)		53 24				
		53 40 *				
Burcott LC (FP)		53 60				
A448 Bromsgrove Bypass Road (Lord Henley's grade 2 listed bridge, to 39 metres, 43 yards) from to		54 42 54 44				
(End of diagram)		55 12				

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD306	011	Birmingham New Street to Ashchurch (Excl.) (via Dunhampstead)	BAG2	Central	21/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		55 12			<p>TCB Birmingham ROC (BA) Bromsgrove Workstation AC: Rugby ECR</p> <p>Axle Counter area</p> <p>Platform Lengths: Bromsgrove Platforms 1 -150 metres (164 yards) Platforms 2 -150 metres (164 yards) Platforms 3 -150 metres (164 yards) Platforms 4 -150 metres (164 yards)</p> <p>UBL - Up Bromsgrove Loop DBSL - Down Bromsgrove Station Loop UBN - Up Bromsgrove Neck DBL - Down Bromsgrove Loop</p> <p>NOTE: The following lines are not electrified: Bromsgrove Tamper Siding Up Bromsgrove Neck Down Bromsgrove Loop</p>
		55 18 *			
Lickey Incline (lowest point)		55 20			
Bromsgrove North Jn		55 21 *			
<b>BROMSGROVE</b>		55 45			
Limit of Electrification (All 4 Lines)		55 69			
		55 73 *			
Bromsgrove South Jn		55 75			
Buffer Stop on Up Broms. Neck		56 02 *			
		56 08			
(End of diagram)		56 10			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD306	012	Birmingham New Street to Ashchurch (Excl.) (via Dunhampstead)	BAG2	Central	27/09/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		56 10			GSM-R TCB Birmingham ROC (BA) Bromsgrove Workstation Axle Counter area. Mileage in brackets refers to STO mileage (MD900)
Bromsgrove LC (FP)		56 33			
End of Down Bromsgrove Loop		57 32 *			
Stoke Works Jn		57 37			
		57 43 (130 25)			
Boat LC (UWC)		57 71	T		
Dodderhill 22 LC (FP)		58 00 *			
		58 19			
Astwood Lane LC (FP)		58 64			
Webbs LC (FP)		58 78			
Worc & Birm. Canal (Bromsgrove) from (29 metres, 33 yards) to		59 57			
		59 58			
(End of diagram)		60 40			

LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD306	017	Birmingham New Street to Ashchurch (Excl.) (via Dunhampstead)	BAG2	Central	21/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		75 26			TCB Birmingham ROC (BA) Bromsgrove Workstation GSM-R
Nortonside LC (UWC) also known as Whites Farm		75 32			Axle Counter area Down : to 77m 34ch. Up : from 77m 32ch.
Eckington WILD		75 46			
Route Boundary / Sectional Appendix Boundary and Line name change		77 40	CENTRAL ROUTE WESTERN ROUTE		Gloucester SB (G) Panel A
Northway LC (AHBC)		78 76			Down Gloucester / Down Main from 77m 34ch Up Main / Up Gloucester to 77m 65ch.
		79 20 *			DL Down Loop 448m, 490 yards (PF)

LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD310	001	Barnt Green Jn to Redditch	BEA	Central	18/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Barnt Green Jn		51 58			TCB Birmingham ROC (SY) Kings Norton Workstation AC: Rugby ECR
<b>BARNT GREEN</b>		51 67			
Barnt Green Single Line Jn		52 11 *			
M42 Motorway Overbridge 38 metres (42 yards)		from 52 60 to 52 62			
Birmingham & Worcester Canal (28 metres / 31 yards)		from 53 03 to 53 04			
(End of diagram)		53 20			
Platform lengths: Barnt Green Platform 3: 151 metres (165 yards) Platform 4: 187 metres (205 yards) DR: Down Redditch UR: Up Redditch RS: Redditch Single Entire Line of Route electrified from Barnt Green Jn to Redditch  Axle Counter area: from 52m 62ch to end of the line at Redditch. (BB) Change of prefix only from aprox 52m 64ch.					

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
MD310	002	Barnt Green Jn to Redditch	BEA	Central	18/10/2025	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
(Start of diagram)		53 20			TCB Birmingham ROC (BB) Kings Norton Workstation AC: Rugby ECR	
Alvechurch Station Jn		53 26			Axle Counter area. RS: Redditch Single	
<b>ALVECHURCH</b>		53 36 *			Platform lengths: Alvechurch Platform 1: 149 metres (163 yards) Platform 2: 151 metres (165 yards)	
		53 40 *			Entire Line of Route electrified from Barnt Green Jn to Redditch	
		53 52 *				
		53 70 *				
		54 37 *				
		54 49 *				
		55 16 *				
Weights Lane Jn		55 21			OTNS From 55m 21ch. One Train Working Without a Train Staff applies between Weights Lane Junction and the Buffer Stop at Redditch.	
		56 10 *				
<b>REDDITCH</b>		56 60	Platform length: Redditch 161 metres (176 yards)			

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LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
MD315	001	Stechford South Jn to Aston South Jn	RBS1 SAS	Central	18/10/2025	
Location	Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks		
Stechford South Jn	108 66 -(0 29)	<p>To / from Birmingham International MD301 seq 006</p> <p>100 MU 110 EPS 110</p> <p>UP GRAND JUNCTION</p> <p>30</p> <p>20</p> <p>20</p> <p>20</p> <p>100</p> <p>1</p> <p>To / from Birmingham New Street MD301 seq 006</p> <p>45</p> <p>45</p> <p>DOWN GRAND JUNCTION</p> <p>45</p> <p>UGJ</p> <p>DGJ</p>		<p>TCB Birmingham ROC (CB &amp; SB) Proof House Workstation AC: Rugby ECR</p> <p>GSM-R</p> <p>Axle Counter area.</p>		
<b>STECHFORD</b>	109 00 *			<p>Platform Lengths: Stechford Platform 3 - 134 metres (147 yards)</p>		
Stechford North Jn	109 08 -(0 12)			<p>Semi-Automatic Track Warning System (SATWS) provided at Stechford, between RBS1 108m 61ch and SAS 0m 04ch. SAS Grand Jn line(s) MUST be protected via a line blockage. See General Instructions.</p>		
Change of mileage and ELR.	109 12 109 16			RBS1 SAS		
	0 00 0 04 *					
	0 05 *					
River Cole Viaduct 50 metres (55 yards)	from 0 11 to 0 13					
(End of diagram)	1 40					

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD315	002	Stechford South Jn to Aston South Jn	SAS	Central	18/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		1 40			<p>GSM-R</p> <p>TCB Birmingham ROC (SB) Proof House Workstation AC: Rugby ECR</p> <p>Axle Counter area.</p> <p>DN W H NECK - Down Washwood Heath Neck DN D GDS - Down Derby Goods DN D FAST - Down Derby Fast UP D FAST - Up Derby Fast UP D SLOW - UP Derby Slow</p> <p>Derby lines are indicative only.</p> <p>DGJ - Down Grand Junction</p> <p>UV - Up Vauxhall DV - Down Vauxhall</p> <p>Platform Lengths: Aston Platform 1 - 147 metres (160 yards) Platform 2 - 145 metres (158 yards)</p> <p>Down direction trains can turnback in Platform 1 at Aston.</p> <p>Mileages in brackets are MD320 mileages.</p>
Rail Underbridge (Derby lines) from 118 metres (129 yards)		2 03	<p>To / from Water Orton MD501 seq 007</p> <p>DN D GDS</p> <p>DN D FAST</p> <p>UP D FAST</p> <p>UP D SLOW</p> <p>To / from Landor Street Jn MD501 seq 007</p>		
to		2 09			
Washwood Heath OHNS		2 10			
River Rea Viaduct from 64 metres (70 yards)		2 16			
to		2 19			
		2 40 *			
		2 51 *			
		2 56 *			
Aston South Jn & Change of mileage		2 61	<p>To / from Birmingham New Street MD320 seq 003</p> <p>UV</p> <p>DV</p>		
Aston Viaduct from 70 metres (77 yards)		(1 60)			
to		(1 64)			
<b>ASTON</b>		(1 68)	<p>To / from Witton MD320 seq 004</p> <p>UGJ</p> <p>DGJ</p>		

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD325	001	Soho South Jn to Perry Barr North Jn (Soho Lines)	SSP	Central	18/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Soho South Jn		(2 06) 2 71			TCB Birmingham ROC (SP) Stour Valley Workstation AC: Rugby ECR GSM-R
(end of Soho lines parallel to Stour lines)		(2 16) 2 61	To / from Birmingham New Street MD301 seq 012 To / from Wolverhampton MD301 seq 012 To / from Soho North Jn. MD330 seq 001 To / from Birmingham Snow Hill MD435 seq 006		Axle Counter area. LMD-A - LMD Arrival line Mileages in brackets ( ) are MD301 mileages. SSP mileages decrease down the page.
Soho East Jn		[0 00] 2 38 2 37 *	DOWN S. C. - Down Soho Curve UP S. C. - Up Soho Curve		Mileage in brackets [ ] is MD330 mileage.
Snow Hill lines 46 metres (50 yards)		from 2 15 to 2 10	DSH - Down Snow Hill. USH - Up Snow Hill.		Midland Metro lines indicative only. Lines provided with 750V DC overhead electrification.

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD325	002	Soho South Jn to Perry Barr North Jn (Soho Lines)	SSP PBL	Central	18/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Soho Road OHNS (Up Soho)		1 60			TCB Birmingham ROC (SP) Stour Valley Workstation AC: Rugby ECR GSM-R
Soho Road OHNS (Down Soho)		1 49			
Hamstead Tunnel (114 metres / 125 yards)		from 0 71 to 0 65			Axle Counter area.  SSP and PBL mileages decrease down the page.
Perry Barr West Jn Change of mileage & ELR		0 39 SSP 0 29 PBL			
Handsworth Memorial Cricket Club LC (UWC)		0 20			DPBGL - Down Perry Barr Goods Loop DPBGL - 448 metres (489 yards) Mileage in brackets is MD320 mileage.
Perry Barr North Jn		0 04 * 0 02 *			

LNW South Route Sectional Appendix Module LNWS2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD340	006	Aston North Junction to Alrewas (Exclusive)	BJW3	Central	26/04/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		17 30			<p>TCB Aston SB (AN) AC: Rugby ECR</p> <p>GSM-R</p> <p>Platform length: Lichfield Trent Valley Platform 3 - 150 metres Down direction trains can turnback in Platform 3 at Lichfield Trent Valley US = Up Sutton DS = Down Sutton</p> <p>AB Lichfield TV Jn SB (TV)</p> <p>GSM-R</p> <p>DTVS = Down Trent Valley Slow DTVF = Down Trent Valley Fast UTVF = Up Trent Valley Fast UTVS = Up Trent Valley Slow Bi-directional on DTVF and UTVF</p> <p>TCB Alrewas SB</p> <p>Telephones at Brookhay LC are connected to Lichfield Trent Valley SB</p> <p>UL = Up Lichfield DL = Down Lichfield</p>
Burton Old Road LC (FP)		17 53			
Sherriffs Ride LC (FP)		17 57			
(Crossover)		17 69			
<b>LICHFIELD TRENT VALLEY</b> (HIGH LEVEL) Limit of electrification		18 05 18 07			
Lichfield TV Jn		18 13			
Lichfield TV LC		18 13			
Lichfield Trent Valley Junction SB (TV)		18 15			
Hollands (Streethay) LC		18 41			
LICHFIELD A38 EASTERN BYPASS		18 46			
Streethay HS2 Bridge, future site of (BJW3 over HS2) Corks Farm No.2 LC		18 62 18 66			
Route Boundary		19 00			
Brookhay LC (AHBC)		19 74			
To Wichnor Jn & Alrewas continued in London North Eastern Sectional Appendix			Continued on LN3340 seq 001		



LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR		Route	Last Updated
MD345	002	Bescot Jn to Rugeley North Jn (Excl.)	BJW1	BJW2	Central	18/10/2025
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks
(Start of diagram)		0 35				<p>TCB Birmingham ROC (BP) Walsall Workstation AC: Crewe ECR</p> <p>UDS: Up Dudley Siding DDRR: Down Dudley Run Round Line</p> <p>Birmingham ROC (DR) Walsall Workstation</p> <p>Change of prefix only.</p>
Walsall Pleck Jn Change of mileage & ELR		0 63 * 0 65 B JW1 5 42 B JW2	<p>To Bescot Curve Jn MD370 seq 001</p> <p>To Darlaston Jn MD360 seq 001</p>			<p>GSM-R</p>
(End of diagram)		5 50 * 6 12 * 6 14	<p>Midland Yard</p> <p>Tasker Street Yard</p> <p>Brook Siding</p> <p>P-Way Siding</p> <p>UP WALSALL FAST</p> <p>DOWN WALSALL FAST</p> <p>UP WALSALL SLOW</p> <p>DOWN WALSALL SLOW</p> <p>UWF DWF UWS DWS</p>			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD345	003	Bescot Jn to Rugeley North Jn (Excl.)	BJW2 RRN1	Central	18/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		6 14			TCB Birmingham ROC (DR) Walsall Workstation AC: Crewe ECR GSM-R
Walsall South Jn		6 15 * 6 18 6 20 *			UWF: Up Walsall Fast DWF: Down Walsall Fast UWS: Up Walsall Slow DWS: Down Walsall Slow Platform lengths: Walsall Platform 1 - 111 metres (121 yards) Platform 2 - 177 metres (194 yards) Platform 3 - 177 metres (194 yards) ① (PP-C)
<b>WALSALL</b>		6 29 6 32 *			UW: Up Walsall DW: Down Walsall
Park Street Tunnel (131 metres / 143 yards)		from 6 30			DSP: Down Sutton Park USP: Up Sutton Park Sutton Park lines have ELR CBR2, 47m 55ch.
Walsall North Jn		to 6 39 6 40 6 41 *			Birmingham ROC (RR) Walsall Workstation Change of prefix only from OMP.
Ryecroft Jn Change of mileage & ELR		6 75 B JW2 0 00 RRN1			UC: Up Cannock DC: Down Cannock
		0 05 *			
(End of diagram)		1 00			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
MD345	004	Bescot Jn to Rugeley North Jn (Excl.)	RRN1	Central	18/10/2025	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
(Start of diagram)		1 00			TCB Birmingham ROC (RR) Walsall Workstation AC: Crewe ECR	GSM-R 
		1 50 *				
<b>BLOXWICH</b>		2 31 *			Platform lengths: Bloxwich Platform 1 - 87 metres (95 yards) Platform 2 - 86 metres (94 yards)	
		2 32				
		2 41 *				
(End of diagram)		2 60				

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD345	005	Bescot Jn to Rugeley North Jn (Excl.)	RRN1	Central	18/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		2 60			TCB Birmingham ROC (RR) Walsall Workstation AC: Crewe ECR 
<b>BLOXWICH NORTH</b>		3 01			Platform lengths: Bloxwich North Platform 1 - 87 metres (95 yards) Platform 2 - 90 metres (98 yards)
		4 75 *			
		5 02 *			
<b>LANDYWOOD</b>		5 12 *			Platform lengths: Landywood Platform 1 - 86 metres (94 yards) Platform 2 - 95 metres (104 yards)
		5 40 *			
WYRLEY & CHESLYN HAY, former site of		5 67			
(End of diagram)		6 00			

LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	Mileage		ELR	Route	Last Updated
MD345	006	Bescot Jn to Rugeley North Jn (Excl.)	M	Ch	RRN1 RRN2	Central	18/10/2025
Location			Mileage		Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)			6	00			TCB Birmingham ROC (RR) Walsall Workstation AC: Crewe ECR 
Mid Cannock Junction			6	30			① Out of Use
<b>CANNOCK</b>			7	16			Platform lengths: Cannock Platform 1 - 87 metres (95 yards) Platform 2 - 87 metres (95 yards)
Change of ELR			7	20	RRN1 RRN2		
(End of diagram)			8	40			

LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD345	007	Bescot Jn to Rugeley North Jn (Excl.)	RRN2	Central	18/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		8 40			<div style="border: 1px solid black; padding: 2px;">                     GSM-R  </div>
Hednesford Jn		8 62	<div style="border: 1px solid black; padding: 2px;">                         TCB Birmingham ROC (RR)                          Walsall Workstation                          AC: Crewe ECR                     </div>		Axle Counter area - Up line to 13m 78ch. Down line from 14m 09ch.  Platform lengths: Hednesford Platform 1 - 109 metres (119 yards) Platform 2 - 88 metres (96 yards)  Down direction trains can turnback in Platform 1 at Hednesford.  UC - Up Cannock DC - Down Cannock
<b>HEDNESFORD</b>		9 00 * 9 05 * 9 11 * 11 78 *	Platform lengths: Rugeley Town Platform 1 - 88 metres (96 yards) Platform 2 - 88 metres (96 yards)		
<b>RUGELEY TOWN</b>		13 22 * 13 27 * 13 50 *	<div style="border: 1px solid black; padding: 2px;">                         Rugby ROC (RR)                          Colwich Workstation                     </div>		Down : from 13m 79ch. Up : to 14m 10ch.
Rugeley Power Station Jn		13 70 13 72 *	To / from Rugeley North Jn NW1004 seq 001		
Route & Sectional Appendix Boundary Continued in LNW(N) Sectional Appendix		14 00	CENTRAL WEST COAST SOUTH		

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD370	001	Bescot Curve Jn to Walsall Pleck Jn	DPJ	Central	18/10/2025
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
Bescot Curve Jn	4 73		<p>GSM-R </p> <p>UDS: Up Dudley Siding                      DRR: Down Dudley Run Round Line                      UDS: 480 metres / 525 yards / 75 SLU</p>		
	5 31 *		<p>TCB Birmingham ROC (DR)                      Walsall Workstation                      AC: Crewe ECR</p>		
Walsall Pleck Jn	5 42		<p>UWS: Up Walsall Slow                      DWS: Down Walsall Slow</p>		

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LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD401	001	Heyford to Bordesley Jn	DCL	Central	22/02/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Continued in Western Sectional Appendix. (Start of diagram)		85 20			<p>TCB Thames Valley S.C. (OD) Oxford Workstation</p> <p>Axle Counter area.</p> <p>Platform Lengths: Tackley (See Western Sectional Appendix)</p> <p>UCV: Up Cherwell Valley DCV: Down Cherwell Valley</p> <p>Birmingham ROC (OL) Cherwell Valley Workstation</p> <p>DCV from 74m 78ch UCV to 75m 36ch.</p> <p>Platform Lengths: Heyford Platform 1 - 70 metres (77 yards) Platform 2 - 70 metres (77 yards)</p>
Tackley LC (UWC)		72 47			
<b>TACKLEY</b>		72 50			
Tackley GF		72 60			
		72 69 *			
		73 12 *			
Inkpens No.1 LC (UWC)		74 10			
		74 50 *			
		74 64 *			
Network Rail Route Boundary & Sectional Appendix Boundary		75 00			
<b>HEYFORD</b>		75 21			
		76 35 *			
		76 40 *			
Knaptons LC (UWC)		76 55			
Somerton LC (R/G-X)		77 24			
		77 40 *			
(End of diagram)		78 00			

LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD401	002	Heyford to Bordesley Jn	DCL	Central	23/08/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		78 00	<p>The diagram shows two main vertical lines: UP CHERWELL VALLEY and DOWN CHERWELL VALLEY. At the top, UCV and DCV are marked with speed restrictions of 75 HST and 85 HST. The lines cross the UAGL (Up Aynho Goods Loop) and then cross over near Aynho Road. At the bottom, UCV and DCV are marked with a 90 restriction. Branching off to the left are lines to Bicester, with 'UP BICESTER' and 'DOWN BICESTER' directions. Speed restrictions of 15, 75 HST, and 90 are shown for these branches. A note indicates 'To Bicester/Marylebone MD701 seq 012'.</p>		TCB Birmingham ROC (OL) Cherwell Valley Workstation GSM-R
Fritwell & Somerton Station, former site of		78 07			
		78 48 *			
Abernethys LC (UWC)		78 50 *			
Boulders Farm No.2 LC (UWC)		78 52 *			
		78 52 *			
Boulders Farm No.2 LC (UWC)		79 10			
		79 10			
South end of Goods Loop		80 34			
		80 34			
North end of Goods Loop		81 03			
Aynho Jn (Up lines)		81 13			
		① (18 30)			
Aynho Jn (Down lines)		81 14 *			
		81 16 *			
		② (18 35)			
		81 27 *			
		81 27 *			
		81 39 *			
Crossovers near Aynho Road		81 44			
(End of Crossover on Up Cherwell Valley)		81 49			
(End of diagram)		82 00			
		82 00			

TCB Birmingham ROC (OL)  
Cherwell Valley Workstation



Axle Counter area.

UAGL: Up Aynho Goods Loop 807 metres (882 yards)

Permissive working -  
PP-F is authorised on Up Aynho Goods Loop

① Mileage on Up Bicester line.

② Mileage on Down Bicester line.

UCV: Up Cherwell Valley  
DCV: Down Cherwell Valley

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD405	002	Leamington Spa North Jn to Coventry South Jn	LSC2	Central	23/08/2025
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
River Avon Viaduct (Kenilworth) from nr Leamington 194 metres (212 yards)  to	1 13  1 22		<p>TCB Birmingham ROC (LN) Cherwell Valley Workstation</p> <p><b>GSM-R</b></p> <p>Birmingham ROC (LC) Coventry workstation</p> <p>From approximately 1m 60ch.</p> <p>Axle Counter area Down direction : from 2m 60ch Up direction : to 2m 60ch.</p> <p>Platform lengths: Kenilworth Platform 1 - 100 metres (109 yards)</p> <p>Up &amp; Down Kenilworth Loop: 800 metres (875 yards)</p>		
<b>KENILWORTH</b>	3 49				
Kenilworth South Jn	3 75				
Kenilworth North Jn	4 47				
Millburn Grange LC (UWC)	5 25		T		

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
MD405	003	Leamington Spa North Jn to Coventry South Jn	LSC2	Central	03/11/2025	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
(Start of diagram)		5 40			<div style="border: 1px solid black; padding: 2px;">TCB Birmingham ROC (LC) Coventry Workstation</div> <p>U&amp;DK - Up &amp; Down Kenilworth</p> <p>Axle Counter area.</p>	
Gibbet Hill Jn (speed change in Up direction only)		6 15 *				
Coventry Carriage Sidings (start mileage of buffer stop)		8 14 * 8 15 *				
Limit of electrification		8 20				
(15mph trailing crossover)		8 23				
		8 33 * 8 34 *				
Coventry South Jn		8 45 * (93 71)				
<b>COVENTRY</b>		(93 79)				
					<div style="border: 1px solid black; padding: 2px; text-align: center;">AC: Rugby ECR</div> <p>Carriage Sidings 1 &amp; 2 are partly electrified, and are out of use until further notice.</p> <p>U&amp;DS: Up &amp; Down Slow</p> <p>Mileages in brackets ( ) are MD301 (ELR: RBS1) mileages</p>	

LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
MD430	001	Droitwich Spa to Stourbridge North Jn	OWW	Central	27/09/2025	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Droitwich Spa Jn		126 21 126 24			GSM-R 	
Droitwich Spa (DS) SB		126 26			AB Droitwich Spa SB (DS)	
End of DSDGL		126 30 *			CW Down Main DSDGL - Droitwich Spa Down Goods Loop 282 metres (308 yards) DSDGL is not connected at the Stourbridge end.	
End of DSUGL		126 35 126 37			USB - Up Stoke Branch DSB - Down Stoke Branch	
A38 overbridge (Droitwich Spa) from to		126 48 126 50			DSUGL (PF) DOWN MAIN	DSUGL - Droitwich Spa Up Goods Loop 436 metres (477 yards)
Start of DSUGL		126 69			UP MAIN UP MAIN UP MAIN	
(End of diagram)		127 59 *			UP MAIN UP MAIN UP MAIN	
		127 65			UM DM	

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD430	002	Droitwich Spa to Stourbridge North Jn	OWW	Central	27/09/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		127 65			AB Droitwich Spa SB (DS) 
NRN Channel Change (and line name change to UK and DK)		127 70			TCB Birmingham ROC (DR) Stourbridge Workstation from aprox. 127m 72ch.
A442 underbridge (Droitwich Spa) from (33 metres / 36 yards) to		128 48 128 50			
Sewage Farm LC (FP)		129 12			
(End of diagram)		130 00			

LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD430	003	Droitwich Spa to Stourbridge North Jn	OWW	Central	27/09/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		130 00			TCB Birmingham ROC (DR) Stourbridge Workstation  GSM-R  Platform Lengths: Hartlebury Down Kidderminster: 101 metres (110 yards) Up Kidderminster: 101 metres (110 yards).
Cutnall Green (former route boundary) near Hartlebury		130 40			
<b>HARTLEBURY</b>		131 68			
Hartlebury LC (CCTV)		131 72			
Lamb's Farm LC (FP)		132 54			
Hoobrook Viaduct (338 metres / 370 yards)		from 134 36			
		to 134 52			
(End of diagram)		134 55 *			
		134 55			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated		
MD430	004	Droitwich Spa to Stourbridge North Jn	OWW	Central	27/09/2025		
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks		
(Start of diagram)		134 55			TCB	Birmingham ROC (DR) Stourbridge Workstation	GSM-R 
Down Kidderminster Goods Loop		134 59					
		135 00 *					
		135 15					
Kidderminster Junction		135 30					
<b>KIDDERMINSTER</b>		135 46	Platform Lengths: Kidderminster Down Kidderminster: 144 metres Up Kidderminster: 143 metres				
(End of diagram)		136 00					

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD430	005	Droitwich Spa to Stourbridge North Jn	OWW	Central	27/09/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		136 00			TCB Birmingham ROC (DR) Stourbridge Workstation 
Glasshouse LC (FP)		136 78			
A456 overbridge (Blakedown) (33 metres / 36 yards)		from 137 59 to 137 61			
Blakedown Viaduct (338 metres / 370 yards)		from 138 16			
		to 138 24			
Blakedown Viaduct LC (FP)		138 30			
Blakedown LC (CCTV)		138 51			
<b>BLAKEDOWN</b>		138 54			Platform Lengths: Blakedown Down Kidderminster: 120 metres Up Kidderminster: 119 metres
Harborough Hill LC (FP)		139 07			
(End of diagram)		140 00			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
MD430	006	Droitwich Spa to Stourbridge North Jn	OWW	Central	27/09/2025	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
(Start of diagram)		140 00			TCB Birmingham ROC (SJ) Stourbridge Workstation	
<b>HAGLEY</b>		140 29			Platform Lengths: Hagley Down Kidderminster: 125 metres. Up Kidderminster: 122 metres.	
		141 54 *				
		142 00 *				
<b>STOURBRIDGE JN</b>		142 16			Platform Lengths: Stourbridge Junction Down Kidderminster: 155 metres. Up Kidderminster: 154 metres.	
Stourbridge Jn GF		142 24				
Stourbridge Middle Jn		142 25				
		142 45				
		142 45				
Stourbridge North Jn		142 51 *			SDGL: Stourbridge Down Goods Loop. SDGL: 39 SLU / 250 metres / 273 yards.  SDTS: Stourbridge Down Through Siding. SDS: Stourbridge Down Siding.  SNN: Stourbridge North Neck.	

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
MD435	010	Small Heath South Jn to Stourbridge North Jn	GSJ2	LNW South	05/08/2017	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
<b>OLD HILL</b>		137 30			TCB West Midlands SC (SJ) Stourbridge Workstation	GSM-R
		137 43 *				
		137 46 *				
		138 32 *				
		138 60 *				
Cradley Heath LC (CCTV) <b>CRADLEY HEATH</b>		138 65 T 138 70				
		139 20 *				
<b>LYE</b>		140 14			Platform lengths: Lye. Platform 1: 119 metres (130 yards). Platform 2: 120 metres (131 yards).	

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD435	011	Small Heath South Jn to Stourbridge North Jn	GSJ2	Central	27/09/2025
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
Stourbridge North Jn	141 00 *  141 07 (142 51)	<p>To / from Round Oak. MD450 seq 001</p> <p>To / from Stourbridge Junction station. MD430 seq 006</p> <p>To / from Stourbridge Jn Front Yard LMD.</p>	<p>TCB Birmingham ROC (SJ) Stourbridge Workstation</p> <p>UST: Up Stourbridge. DST: Down Stourbridge.</p> <p>Mileage in ( ) brackets has ELR: OWW.</p> <p>SNN: Stourbridge North Neck. SDGL: Stourbridge Down Goods Loop. SDTS: Stourbridge Down Through Siding.</p>		



LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
MD445	001	Stourbridge Jn to Stourbridge Town	SJS	Central	27/09/2025	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
<b>STOURBRIDGE JN</b>		142 16	<p>To Stourbridge North Jn. MD430 seq 006</p> <p>To Kidderminster MD430 seq 006</p> <p>UP KIDDERMINSTER</p> <p>DOWN KIDDERMINSTER</p> <p>UP &amp; DOWN BRANCH</p>		OTS Birmingham ROC (SJ) Stourbridge Workstation	GSM-R 
		142 24 *			Platform Length: Stourbridge Junction Bay Platform: 89 metres.	
		142 66 *			Platform Length: Stourbridge Town 27 metres.	
		142 69 *				
<b>STOURBRIDGE TOWN</b>		142 78				

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD450	001	Stourbridge North Junction to Round Oak	OWW	Central	27/09/2025
Location	Mileage M	Ch	Running lines & speed restrictions		Signalling & Remarks
Stourbridge North Jn	142	51 *			<p>TCB Birmingham ROC (SJ) Stourbridge Workstation</p> <p>SDGL - Stourbridge Down Goods Loop DK - Down Kidderminster. UK - Up Kidderminster. SNN - Stourbridge North Neck. DST - Down Stourbridge. UST - Up Stourbridge.</p> <p>GSM-R </p> <p>Birmingham ROC (DR) Stourbridge Workstation</p> <p>(From 143m 40ch)</p>
(Buffer Stop on SNN)	142	52 *			
Stourbridge Viaduct 173 metres (189 yards)	142	68			
	142	77			
Catch Points (Down Dudley)	143	53			
(End of diagram)	144	00			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
MD450	002	Stourbridge North Junction to Round Oak	OWW	Central	27/09/2025	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
(Start of diagram)		144 00			TCB Birmingham ROC (DR) Stourbridge Workstation GSM-R	
		144 25 *				UD - Up Dudley DD - Down Dudley
		144 27 *				
Kingswinford Jn		144 31				DROS1: Down Round Oak Siding 1. UROS2: Up Round Oak Siding 2.
Network Rail Boundary (Brierley Hill Sidings only)		144 36				
Catch Points (Up Round Oak Siding 2)		144 41				DIS. RD - Discharge Road RR - Run Round
(Buffer Stop on Run Round)		144 68				
		145 37 *				
		145 40 *				
(Crossover)		145 42				
Round Oak Sidings						DROS1: Down Round Oak Siding 1. UROS2: Up Round Oak Siding 2. ROS3: Round Oak Siding 3. RONH: Round Oak North Headshunt.
End of Line (Stop Block on RONH)		146 16				

LNW South Route Sectional Appendix Module LNWS2

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LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD455	001	Kingswinford Junction South to Pensnett	KWD	LNW South	17/03/2018
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Kingswinford Junction		144 31			<div style="border: 1px solid black; padding: 2px;">                     OTS West Midlands SC (DR)                      Stourbridge Workstation                 </div> <p>OUT OF USE</p> <p>AWS and TPWS not provided.</p>
Network Rail Boundary Pensnett		145 60 145 73			
End of line		146 30			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR		Route	Last Updated
MD460	001	Fenny Compton to Burton Dassett	DCL	SJT1	Central	11/10/2025
Location	Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Fenny Compton South Jn	94 20				GSM-R  Siding Birmingham ROC (OL) Cherwell Valley Workstation  TPWS not provided.  DFCGL : Down Fenny Compton Goods Loop UFCGL : Up Fenny Compton Goods Loop  KS1: Kineton Siding 1 KS2: Kineton Siding 2 KS3: Kineton Siding 3  OT(S) <input type="text"/>  Line controlled by train staff located at Fenny Compton sidings	
Kineton Jn (Fenny Compton) (SJT1) Change of ELR and change of mileage	94 60 DCL 22 25 SJT1					
(Kineton Sidings diverge from Cherwell Valley lines)	22 40					
Kineton MOD Branch	22 63					
Whitacre East LC (Kineton) (FP)	22 76 23 03 *					
Hughes Manor Farm No.2 LC (UWC) Hammonds House Farm LC (FP)	23 20 23 27					
Lamberts Farm LC (FP)	23 59					
(End of diagram)	24 00					

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD460	002	Fenny Compton to Burton Dassett	SJT1	Central	11/10/2025
Location		Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks	
(Start of diagram)		24 00	KB ▲ 25 ▼	OT(S) 	
Burton Dassett LC (FP)		24 27	-----	Line controlled by train staff located at Fenny Compton sidings	
Taylors No.1 LC (UWC)		24 43	-----		
Smiths No.1 LC (UWC)		24 61	-----		
		25 00 *	▲ * 15 ▼		
Smiths No.3 LC (UWC)		25 14	-----	Down: End of GSM-R area at 25m 55ch Up: Start of GSM-R area at 25m 55ch 	
(Network Rail Boundary - Kineton MOD)		25 55	-----		
Burton Dassett Kineton MOD boundary gate		25 60	KINETON BRANCH X 		

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LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD555	001	Nuneaton North Jn to Water Orton East Jn	NWO	West Coast South / Central	08/03/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Nuneaton North Jn		(97 36) 10 18 10 14 * 10 11 * 10 08			TCB Rugby SCC (NW) Nuneaton Workstation AC: Crewe ECR  GSM-R
North Chord Overbridge (North Chord line MD233 runs over)		10 00			UTVS: Up Trent Valley Slow UTVF: Up Trent Valley Fast DTVF: Down Trent Valley Fast DTVS: Down Trent Valley Slow D&UPL: Down & Up Passenger Line DS: Down Siding SN: Shunting Neck UNC: Up Nuneaton Chord DNC: Down Nuneaton Chord  Mileage in brackets ( ) refers to LEC2 mileage.
Limit of Electrification (UNC)		9 73			NOTE mileages decrease down the page; from Nuneaton North Jn to Whitacre West Jn.
Limit of Electrification (DNC)		9 68			<input type="checkbox"/> Traffic Lockout Devices (LOD(T)) provided: Down Arley line to 9m 35ch Up Arley line from 9m 35ch
(DNC & UNC become single line only)		9 62 *			Down direction trains can turnback on the Down Arley at Abbey Jn. DA: Down Arley
Abbey Jn		9 60			Axle Counter area Down Arley: to 8m 17ch Up Arley: from 8m 43ch
(crossover between Arley lines)		9 56			Birmingham ROC (NW) Water Orton Workstation  Down Arley from 8m 35ch Up Arley to 8m 19ch.
(end of bi-directional on Down Arley)		9 26 *			
Route Boundary		8 35			
Stockingford station, former site of		8 34			
Arley Tunnel		8 33			
(648 metres / 709 yards)		from 6 55			
		to 6 22			
(End of diagram)		6 10			



LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD555	003	Nuneaton North Jn to Water Orton East Jn	NWO DBP3	Central	18/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		1 00			TCB Birmingham ROC (NW) Water Orton Workstation GSM-R
Woodlake LC (FP)		0 53			NOTE mileages decrease down the page; from Nuneaton North Jn to Whitacre West Jn.
Whitacre East Jn		0 28			
		0 19 *			
		0 17 *			
Whitacre West Jn Change of mileage and ELR.		0 00			UW: Up Whitacre DW: Down Whitacre DAGL: Down Arley Goods Loop DAGLH: Down Arley Goods Loop Headshunt DAGL (PF): 486 metres (532 yards).
		31 69	NWO DBP3		(WW)
		31 74 *			From approx. 31m 74ch.
(Connection from / to DAGL and Buffer stop on HHH) (Buffer stop on DAGLH)		31 79			DAGLH: 59 metres (65 yards).
Hams Hall Jn		32 01			HHH: Hams Hall Headshunt HHH: 216 metres (236 yards) (signal HH1 to buffer)
		32 03			
(End of diagram)		32 06			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD555	004	Nuneaton North Jn to Water Orton East Jn	DBP3	Central	08/03/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		32 06 32 07 *	<p>HHH UW DW 15 35 35 15 25 * * 15 15 15 HHTL D/R HHEAL UP WHITACRE DOWN WHITACRE 15 HHEAL HHTL D/R HHEAL HHWAL UW DW 15 70 70 HHWAL UW DW</p>		<p>TCB Birmingham ROC (WW) Water Orton Workstation</p> <p>GSM-R</p> <p>HHH: Hams Hall Headshunt HHEAL: Hams Hall East Arrival Line D/R: Departure / Runround Line HHTL: Hams Hall Transfer Line HHWAL: Hams Hall West Arrival Line</p> <p>HHH: 216 metres (236 yards) (signal HH1 to buffer) D/R: 734 metres (803 yards) (signals HH5 to HH4) HHWAL: 757 metres (828 yards) (signals HH2 to HH3)</p> <p>Lines within the National Distribution Park are controlled by Maritime Transport, Hams Hall Control Centre (HH). Maximum permissible speed within the National Distribution Park is 15mph.</p> <p>HHWAL: Hams Hall West Arrival Line CS: Cripple Siding</p>
National Distribution Park		32 21	National Distribution Park		
River Blythe Viaducts from 66 metres / 72 yards (Whitacre lines) 83 metres / 91 yards (HHEAL & D/R) to		32 22 32 26			
(Start of divergence to 2 sets of 2 lines)		32 40			
(Switch diamond HHEAL & D/R HHEAL renamed HHWAL) (STOP & Await Instructions board protecting the terminal gates) (Buffer stop on Cripple siding)		32 54 32 56 32 58			
Hams Hall Control Centre (HH)		32 60			
(Start of three track section)		32 64			
(End of diagram)		32 70			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated		
MD701	008	Marylebone to Aynho Jn	NAJ2	Central	28/06/2025		
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks		
(Start of diagram)		16 56			<table border="1"> <tr> <td>TCB</td> <td>Marylebone IECC (ME) South Workstation</td> </tr> </table>	TCB	Marylebone IECC (ME) South Workstation
TCB	Marylebone IECC (ME) South Workstation						
Hughenden Viaduct A4128 from (Temple End Viaduct, High Wycombe to 4 span viaduct 75 metres, 82 yards)		16 60 16 64					
		17 20 * 17 23 *					
		18 44 *					
		18 65 * 18 67 *					
<b>SAUNDERTON</b>		21 27					
(Main lines diverge away from each other, see remark)		22 00					
Ridgway Path LC (FP) (R/G-X)		23 27 * 23 28 *					
Saunderton Tunnel (76 metres / 83 yards, Up line only) from to		23 31 * 23 35 * 23 36 *					
Bledlow Cum Saunderton LC (FP)		23 69 * 23 70 *					
(crossover)		24 13					
(Main lines converge back together see remark)		24 15					
(End of diagram)		24 17					
<table border="1"> <tr> <td colspan="2">Marylebone IECC (ME) North Workstation</td> </tr> </table> <p>From aprox. 22m 40ch on both Main lines.</p> <p>Up Main and Down Main lines diverge between 22m 00ch and 24m 15ch.</p>					Marylebone IECC (ME) North Workstation		
Marylebone IECC (ME) North Workstation							

LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	Mileage		Running lines & speed restrictions	ELR	Route	Last Updated	
MD701	009	Marylebone to Aynho Jn	M	Ch		NAJ2	THA	Central	23/08/2025
Location			Mileage		Running lines & speed restrictions	Signalling & Remarks			
(Start of diagram)			24	17		TCB Marylebone IECC (ME) North Workstation			
(Buffer Stop on Siding 1)			24	20		GSM-R			
(Up Princes Risborough Loop ends)			24	21 *		① Locomotive hauled passenger trains other than Class 67, Class 68 and Mark 3 day coaches and Class 43 and Mark 3 coaches must NOT exceed 75mph.			
(Buffer Stop on Siding 2)			24	23		UPRL: Up Princes Risborough Loop.			
<b>PRINCES RISBOROUGH</b>			24	40		P4 - Platform 4 Line Platform lengths: Princes Risborough (1: 61 metres - permissive (PP)) 2: 215 metres 3: 215 metres 4: 100 metres			
Princes Risborough Jn			24	50		PRRL: Princes Risborough Reception Line. PRRL: 75 metres (82 yards) (in rear of ground position light signal ME667).			
(NR / C&PRR boundary)			(0	05)		Mileages in brackets ( ) refer to the Thame Branch Siding. ELR:THA.			
			(0	09) *		TBS: Thame Branch Siding. TBS: 654 metres (715 yards).			
			24	60 *		☒ Patrolmans directional line lockouts (PDL):			
Thame Branch Siding boundary gate			(0	50)		Down Main line: Starts: 9m 01ch (Bicester North) Ends: 24m 65ch (Princes Risborough)			
(NR / C&PRR boundary)			24	66 *		Up Main line: Starts: 24m 65ch (Princes Risborough) Ends: 9m 01ch (Bicester North)			
			24	70 *					
			25	40 *					
			25	43 *					
Longwick Cum Ilmer No.12 LC (FP)			27	30					
Aston Sandford No.4 LC (FP)			28	50					
(End of diagram)			30	00					

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	Mileage		ELR	Route	Last Updated
MD701	010	Marylebone to Aynho Jn	M	Ch	NAJ2 NAJ3	Central	04/10/2025
Location		Running lines & speed restrictions			Signalling & Remarks		
(Start of diagram)		30	00				
<b>HADDENHAM &amp; THAME PARKWAY</b>		30	25				
Chearsley No 9 FP (R/G OMSL)		31	40				
Ashendon No. 6 LC (FP)		33	20				
Valley Farm LC (FP)		33	58				
Ashendon Jn, former site of Change of mileage / ELR.		33	72	NAJ2			
Dorton No 2 Down direction LC (FP)		0	67	NAJ3			
Dorton No 2 Up direction LC (FP)		0	67				
Brill Tunnel (177 metres / 194 yards)		from 2 29	to 2 39				
Ludgershall No.7 LC (FP)		3	54				
Piddington No.2 LC (FP)		5	74				
Bicester South Jn		8	23				
Rail / rail bridge (Bicester South Jn)from (NAJ3 over OXD) 34 metres (37 yards) to		8 60	8 62				
(End of diagram)		8	64				

TCB Marylebone IECC (ME) North Workstation

① Locomotive hauled passenger trains other than Class 67, Class 68 and Mark 3 day coaches and Class 43 and Mark 3 coaches must NOT exceed 75mph.

Platform lengths: Haddenham & Thame Parkway  
Down Main: 215 metres  
Up Main: 215 metres

Up Main and Down Main lines diverge between NAJ2 33m 59ch and NAJ3 0m 70ch.

Dorton No 2 Level crossing is staggered with 3 metres distance between footgates.

Patrolmans directional line lockouts (PDL):  
Down Main line:  
Starts: 8m 21ch (Bicester South Junction)  
Ends: 24m 65ch (Princes Risborough)  
Up Main line:  
Starts: 24m 65ch (Princes Risborough)  
Ends: 8m 21ch (Bicester South Junction)

DBSWC: Down Bicester South West Chord.  
UBSWC: Up Bicester South West Chord.

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD701	011	Marylebone to Aynho Jn	NAJ3	Central	23/08/2025
Location	Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
(Start of diagram)	8 64			TCB Marylebone IECC (ME) North Workstation 	
Up Main Down Main crossover & buffer stop on A.C.E. Siding	9 03			① Locomotive hauled passenger trains other than Class 67, Class 68 and Mark 3 day coaches and Class 43 and Mark 3 coaches must NOT exceed 75mph.	
Siding connection	9 15				
<b>BICESTER NORTH</b>	9 27			Line name change at Bicester North: DM - DB (Down Bicester) UM - UB (Up Bicester)	
	9 40 *				
	9 44 *				
Buffer stop on Bicester North Siding	9 56			Platform lengths: Bicester North Down: 222 metres Up: 215 metres	
(Trailing crossover)	9 70			⊗ Patrolmans directional line lockouts (PDL): Down Bicester line: Starts: 18m 23ch (Aynho Junction) Ends: 9m 66ch (Bicester North)	
(End of diagram)	11 00	Up Bicester line: Starts: 9m 66ch (Bicester North) Ends: 18m 19ch (Aynho Junction)			

LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD701	012	Marylebone to Aynho Junction	NAJ3	Central	23/08/2025
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
(Start of diagram)	11 00		<p>TCB Marylebone IECC (ME) North workstation</p> <p><b>GSM-R</b></p> <p>① Locomotive hauled passenger trains other than Class 67, Class 68 and Mark 3 day coaches and Class 43 and Mark 3 coaches must NOT exceed 75mph.</p> <p>② Mileage on Down Bicester line.</p> <p>Birmingham ROC (NA) Cherwell Valley Workstation</p> <p>UB : to / from 17m 59ch DB : to / from 17m 72ch.</p> <p>③ Mileage on Up Bicester line. Mileages on the Down Bicester line from former site of Aynho Park Junction, vary from the mileages on the Up Bicester line.</p> <p>④ Sprinter class trains without a centre gangway are permitted to travel at the higher permissible speed of 85mph.</p> <p>X Patrolmans directional line lockouts (PDL) :</p> <p>Down Bicester line Starts: 18m 23ch (Aynho Junction) Ends: 9m 66ch (Bicester North)</p> <p>Up Bicester line Starts: 9m 66ch (Bicester North) Ends: 18m 19ch (Aynho Junction)</p>		
M40 Motorway overbridge 49 metres (54 yards) Bucknells Farm LC (BW)	from 12 15 to 12 17 12 27	T			
Ardley Tunnel (1056 metres / 1155 yards)	from 15 13 to 15 65	T T			
Souldern No.1 Viaduct (282 metres / 308 yards)	from 16 32 to 16 47	T Up side T Down side			
Souldern No.2 Viaduct (369 metres / 404 yards)	from 17 05 to 17 20 * 17 25 *	T Up side T Down side			
Aynho Park Jn, former site of	17 45 ② 17 52 * ② 17 64 *				
Aynho Junction (Up lines)	② 18 22 * ③ 18 30 (81 13)				
Aynho Junction (Down lines)	② 18 35 (81 16)				

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LNW South Route Sectional Appendix Module LNWS)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD715	001	Neasden South Junction to Neasden Junction	NJN	Central	13/07/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Neasden South Jn		6 30			TCB Marylebone IECC (ME) South Workstation GSM-R
Route Boundary		6 51	ROUTE BOUNDARY : CENTRAL ANGLIA ROUTE		U&DB - Up & Down Branch.  Note Down direction on Up & Down Branch is UP the page, Up direction is DOWN the page.
Neasden Jn		6 55	To Cricklewood.		TCB Neasden Jn SB (NJ) (when open) Acton South Branch Jn (at all other times)
Neasden Jn SB (NJ) Change of mileage & change of ELR		6 56 7 03	To Acton Wells.		From 6m 43ch.
Continued in Network Rail Anglia Route Sectional Appendix.			Continued on EA1360 seq 001		

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD720	002	Princes Risborough to Aylesbury	PRA	Central	11/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		44 20	D&UA ↑ 40		TCB Marylebone IECC (ME) North Workstation   Platform length : Little Kimble 90 metres (98 yards)  D&UA - Down & Up Aylesbury
Great and Little Kimble FP No.27 (LC)		44 32	-----		
Great and Little Kimble FP No.2C (LC)		44 45	-----		
North Bucks Way FP No.2B (LC)		44 49	-----		
Great & Little Kimble FP No.3B (LC)		44 55	-----		
Great & Little Kimble FP No.38A (LC)		44 79	-----		
<b>LITTLE KIMBLE</b>		45 14	40 		
Great and Little Kimble FP No.29B (LC)		45 62	T	-----	
Apsley Manor Farm No.2 LC (UWC)		46 58	T	-----	
Dodds Farm LC (UWC)		46 70	T	-----	
Marsh Lane LC (Aylesbury) (MCB-OD)		47 00	T	-----	
Stoke Mandeville FP No.4 (LC)		47 32	↓ ↓ 40 D&UA		
(End of diagram)		47 40	D&UA		

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD736	010	Oxford North Jn (Excl.) to Denbigh Hall South Jn.	BFO DHF	West Coast South	21/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		0 10			<p>TCB Rugby ROC (OB) Claydon Workstation</p> <p>AXLE COUNTER AREA</p> <p><input checked="" type="checkbox"/> Patrolmans directional line lockout between Bletchley West Jn and Flyover Summit Jn.</p> <p>The following lines are all electrified:                      DF: Down Fast.                      UF: Up Fast.                      DS: Down Slow.                      US: Up Slow.</p> <p>OXD mileages change at OXD lowest mileage at Flyover Junction, approximately 0m 66ch to 0MP on the BFO. Another change of ELR from BFO to DHF at Flyover Summit Jn at 0m 75ch.</p> <p>Platform lengths: Bletchley High Level                      Platforms 7 &amp; 8: UNDER CONSTRUCTION</p> <p><input checked="" type="checkbox"/> Patrolmans directional line lockout between Bletchley West Jn and Flyover Summit Jn.</p> <p><input checked="" type="checkbox"/> Patrolmans directional line lockout between Flyover Summit Jn and 1m 02ch.                      UBC: Up Bletchley Chord.                      DBC: Down Bletchley Chord.</p>
Bletchley West Jn		0 19			
Start/end of BFO Flyover bridge from (BFO over electrified LEC1)		0 40 *			
<b>BLETCHLEY</b> (HIGH LEVEL - UNDER CONSTRUCTION)		0 68			
Flyover Summit Jn (Change of ELR: BFO - DHF). Start/end of BFO Flyover bridge to		0 75 0 76	<p>To / from Tring MD101 seq 021</p> <p>To / from Bletchley MD101 seq 021</p> <p>To / from Fenny Stratford Jn MD741 seq 001</p>		
(Start of Down Bletchley Chord)		0 78			
(End of diagram)		1 02			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD736	011	Oxford North Jn (Excl.) to Denbigh Hall South Jn.	DHF	West Coast South	30/08/2025
Location		Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks	
(Start of diagram)		1 02		<div style="border: 1px solid black; padding: 2px;">TCB Rugby ROC (OB) Claydon Workstation</div> <p>                     GSM-R  </p> <p>Axle Counter area : DB: to 1m 13ch UB: from 1m 12ch.</p> <p>The following lines are partly or fully electrified: UV: Up Vale. DV: Down Vale. VS: Vale Sidings. Crossover Down Vale to Vale Sidings.</p> <p>VRS: Vale Refuge Siding.</p>	
Rail Intersection bridge (Bletchley)from (DHF over electrified BBM and BLT2) 45 metres (48 yards)		1 07			
to		1 09			
		1 13 *			
(End of diagram)		1 25		<div style="border: 1px solid black; padding: 2px;">TCB Rugby SCC (TK) Bletchley Workstation</div> <p>DB: from 1m 12ch UB: to 1m 20ch.</p>	

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD741	001	Flyover Summit Jn to Fenny Stratford Jn (Bletchley Flyover Lines)	BFO	West Coast South	18/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Flyover Summit Jn		0 78			<p>TCB Rugby ROC (OB) RA2 Claydon Workstation</p> <p>⊗ Patrolmans directional line lockout between Flyover Summit Jn and BFO 1m 16ch.</p> <p>DBC: Down Bletchley Chord. UBC: Up Bletchley Chord. U&amp;DBC: Up &amp; Down Bletchley Chord. U&amp;DV: Up &amp; Down Vale. DB: Down Bletchley. UB: Up Bletchley.</p> <p>Marston Vale SCC (MV) West Workstation</p> <p>DBC: from 1m 12ch UBC: to 1m 16ch.</p>
Flyover Single Jn (start of Up & Down Bletchley Chord)		1 24			
Saxon St road underbridge 1B from V7 Saxon Street, Fenny Stratford (98 metres - 107 yards) RA2 to		1 31 1 36			
Fenny Stratford Jn & Change of mileage		1 60 (0 76)			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD745	001	Bicester South Jn to Gavray Jn	BSG	Central	27/07/2024
		Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks
		Bicester South Jn	8 23 0 00	<p>To / from Princes Risborough MD701 seq 010</p> <p>To / from Bicester North MD701 seq 010</p> <p>To / from Claydon West Jn MD736 seq 005</p> <p>To / from Bicester Village. MD736 seq 005</p>	<p>TCB Marylebone IECC (ME) North Workstation</p> <p><b>GSM-R</b></p> <p>① Locomotive hauled passenger trains other than Class 67's, Class 68's and Mark 3 day coaches and Class 43's and Mark 3 coaches must NOT exceed 75mph.</p> <p>☒ Patrolmans directional line lockout (applies to both lines) between Bicester South Jn and Gavray Jn.</p> <p>Mileage at Bicester South Jn is NAJ3 8m 23ch, and BSG 0m 00ch. Mileage used to be measured from Ashendon Jn but milepost on site shows OMP at Bicester South Jn to 0m 56ch at Gavray Jn.</p> <p>Axle Counter area: Down direction (both lines): from 0m 28ch. Up direction (both lines): to 0m 28ch.</p> <p>DBSWC: Down Bicester South West Chord. UBSWC: Up Bicester South West Chord.</p> <p>(OB)</p> <p>Change of prefix from / to 0m 36ch.</p> <p>☒ Patrolmans directional line lockout (applies to both lines) between Bicester South Jn and Gavray Jn.</p> <p>Mileages in brackets are Bletchley lines (MD736) mileages (ELR: OXD).</p> <p>① Locomotive hauled passenger trains other than Class 67's, Class 68's and Mark 3 day coaches and Class 43's and Mark 3 coaches must NOT exceed 75mph.</p>
		Gavray Jn	0 56 (19 00)		

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD900	001	Abbotswood Jn to Stoke Works Jn Via Worcester Shrub Hill	ABW OWW	Central	29/06/2024
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
Abbotswood Jn	68 61 -0 01		<p>TCB West Midlands S.C. (BA) Bromsgrove Workstation </p> <p>Axle Counter area: UAC : from 0m 20ch DAC : to 0m 09ch.</p> <p>Abbotswood Junction is at ABW -0m 22 yards, ie negative 22 yards before OMP.</p> <p>UAC: Up Abbotswood Curve DAC: Down Abbotswood Curve</p> <p>Norton Jn SB (NJ)</p> <p>DAC : from 0m 08ch UAC : to 0m 31ch.</p> <p>U&amp;DC: Up &amp; Down Cotswolds single line</p> <p>AB</p> <p>Worcester Shrub Hill SB (SH)</p> <p>To / from 118m 65ch.</p> <p>US: Up Siding</p>		
Single Line Jn	0 04				
(Speed change in Down direction)	0 08 *				
Drakes Broughton LC (FP) and (Speed change in Up direction)	0 09 *				
Cooksholme LC (UWC)	0 25				
Norton LC (FP)	0 42 (117 20) *				
(Speed change in Up direction)	0 58 *				
(Speed change in Down direction)	0 59 *				
Norton Jn and SB	0 62 *	ABW			
Change of ELR, mileage & Change of linenames	117 26 *	OWW			
	117 33 *				
(Buffer stop on Up Siding)	120 03 120 04 *				
Wylds Lane Jn	120 14				



LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD900	003	Abbotswood Jn to Stoke Works Jn Via Worcester Shrub Hill	OWW	Central	27/09/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		120 55			<div style="border: 1px solid black; padding: 2px; display: inline-block;">                     GSM-R  </div>
Worcester Tunnel Jn SB (Start of Up Through Siding on Up Main)		120 72 120 75	<div style="border: 1px solid black; padding: 2px; display: inline-block;">                     AB Worcester Tunnel Jn SB                      RA8 (TJ)                 </div> <p>Worcester Light Maintenance Depot ESS : Engine Shed Siding</p> <p>UTS : Up Through Siding DTS : Down Through Siding</p> <p>NB on Through Sidings</p> <p>Acceptance Working (TCB) on UM from Worcester Tunnel Jn to Worcester Shrub Hill (Bi-directional).</p>		
Worcester Tunnel Jn		120 78 *			
Rainbow Hill Tunnel (194m, 212yds)		120 79 to 121 09			
Brickfields LC (FP)		121 20			
Ladywood LC (FP) Bilford Road LC (FP) Fernhill Heath LC (FP)		123 13 123 50 124 16 124 38	<div style="border: 1px solid black; padding: 2px; display: inline-block;">                     T                 </div>		
Chawson LC (FP) (R/G-X)		125 24			
(End of diagram)		126 00	<div style="border: 1px solid black; padding: 2px; display: inline-block;">                     TCB Droitwich Spa SB (DS)                 </div> <p>From aprox 123m 20ch.</p>		

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD900	004	Abbotswood Jn to Stoke Works Jn via Worcester Shrub Hill	OWW STO	Central	25/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start of diagram)		126 00			TCB Droitwich Spa SB (DS) 
<b>DROITWICH SPA</b>		126 10			Down platform : 144m, 157yds Up platform : 143m, 156yds
Buffer stop on DSDGL		126 13			
(Main to Main crossover) (DM to DSDGL crossover)		126 16 126 17			
		126 19 *			
Droitwich Spa Jn (Change of linenames and ELR)		126 21 *	OWW STO		DSDGL (PF) - Droitwich Spa Down Goods Loop (Permissive working for Class 3 to 8 and 0 trains) DM - Down Main UM - Up Main.
(UK and DSB cross)		126 24			
Droitwich Spa (DS) SB		126 26			USB - Up Stoke Branch DSB - Down Stoke Branch
		126 30 *			
Bays Meadow LC (FP)		126 51 * 126 53			
Single line		126 67 *			
(End of diagram)		127 20			DS - Droitwich Single

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
MD900	005	Abbotswood Jn to Stoke Works Jn via Worcester Shrub Hill	STO	Central	25/10/2025	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
(Start of diagram)		127 20			TCB Droitwich Spa SB (DS) 	
		127 50 *			Locations of know low rail adhesion - 127m 25ch and 127m 45ch.	
Rashwood Farm LC (FP)		128 11			Birmingham ROC (BA) Bromsgrove Workstation	
Wychbold LC (FP)		128 75			From aprox. 128m 41ch.	
		130 20 *			Axle Counter area between Wychbold LC (excl.) and Stoke Works Jn.	
Stoke Works Jn		130 25 57 43	DS - Droitwich Single			

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LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
MD910	001	Pershore (Incl.) to Norton Jn	OWW	Western / Central	27/01/2024	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Network Rail Route Boundary & Sectional Appendix Boundary		112 00			<div style="border: 1px solid black; padding: 2px;">TCB Norton Jn SB (NJ)</div> <div style="border: 1px solid black; padding: 2px;">RA7</div>	
Mares LC (UWC)		112 06	[T]		U&DC - Up & Down Cotswolds single line	
Massingham LC (FP)		112 29			Location of known low rail adhesion	
(Section phone)		112 44	[T]		- 111m 40ch and 113mp.	
<b>PERSHORE</b>		112 52			Axle counter area between the following:	
Lewis No 1 (UWC)		113 31	[T]		- 111m 40ch and 113mp	
Lewis No 2 (UWC)		113 48	[T]		- 116m 15ch to 116m 60ch.	
Stoulton LC (FP)		113 79			Platform - 187m, 204yds	
Stonebow LC (FP)		114 44				
Coles LC (UWC)		114 56	[T]			
Smiths LC (FP)		115 23				
		115 60 *				
<b>WORCESTERSHIRE PARKWAY</b>		116 60			Platform 3 - 265 metres (290 yards)	
Sadler's LC (UWC)		117 07	[T]			
		117 20 *				
Norton Jn and SB		117 26				

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated		
MD940	001	Worcester Shrub Hill to Shelwick Jn	WAH	Central	25/10/2025		
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks		
<b>WORCESTER SHRUB HILL</b>		120 42			TCB	Henwick SB (HK)	GSM-R
Shrub Hill Jn		120 46					
Barrow crossing (WL) (across UTS, DTS, UM, UB and DM)		120 47					
Single line		120 54					
Rainbow Hill Jn, former site of		120 64 120 66 *					
<b>WORCESTER FOREGATE STREET</b>		121 12					
Henwick LC (MCB)		121 65					
Henwick SB (HK)		121 65					
(Main lines trailing crossover)		121 72					
		121 74 *					
(Buffer stop on Turnback Line)		122 14	Platform 1 - 152m, 166yds  AB   Turnback Line - 313 metres, 342 yards.				

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD940	002	Worcester Shrub Hill to Shelwick Jn	WAH	Central	25/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
					<p>AB Newland East SB (NE)</p> <p>GSM-R </p> <p>Location of known low rail adhesion between 125m 20ch and 125m 60ch on both lines.</p> <p>Down platform - 128m, 140yds Up platform - 186m, 203yds</p> <p>Down platform - 135m, 148yds Up platform - 142m, 155yds</p>
		Kays (FP)	122 20 *	122 41 *	
		Rushwick (FP)	123 60		
		Powick 3 (FP)	124 33		
		Newland East LC (MCB)	126 22		
		Newland East SB	126 22		
			127 15 *		
		Lower Howsell FP (R/G OMSL-X)	127 27		
		Jamaica Road (FP)	127 45		
		<b>MALVERN LINK</b>	127 75		
		<b>GREAT MALVERN</b>	129 06		

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
MD940	003	Worcester Shrub Hill to Shelwick Jn	WAH	Central	25/10/2025	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
(Start of Down Goods Loop)		129 59			AB RA7 Malvern Wells SB (MW) 	
Malvern Wells Down Goods Loop		129 70 *			DGL - Down Goods Loop 346m, 1134ft	
(End of Down Goods Loop)		130 03				
Malvern Wells SB		130 10 * 130 13			TB	
Single line		130 18 130 19 *			U&D - Up & Down Main	
Colwall Tunnel (1450m,1586yds)		from 130 48 *				
		to 131 40 *				

LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
MD940	004	Worcester Shrub Hill to Shelwick Jn	WAH	Central	12/10/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
<b>COLWALL</b>		131 60 *			TB RA7 Malvern Wells/Ledbury SB (MW) (L)   Platform - 109m, 119yds
		131 72			
Colwall Green LC (FP)		132 50			
		132 58			
Cummings No.2 LC (FP)		132 70			
Cradley Brook LC (FP)		133 01			
		133 76			
Cummings No.1 LC (FP)		134 01			
		134 30 *			
		135 12 *			

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
MD940	005	Worcester Shrub Hill to Shelwick Jn	WAH	Central	25/10/2025	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Ledbury Tunnel (1203 metres, 1316 yards)		from 135 15 to 135 75 Single line 135 76			<div style="border: 1px solid black; padding: 2px; display: inline-block;">                     TB                 </div> <div style="margin-left: 20px;">                     Ledbury SB (L)                 </div> <div style="float: right; text-align: right;">                     GSM-R  </div>	
Ledbury SB		136 06			U&DM - Up & Down Main	
<b>LEDBURY</b>		136 09			DS - Down Siding	
Single line		136 30 *			CL - 384m, 1260ft	
Ledbury Viaduct 343 metres (375 yards)		from 136 39 to 136 56			Down platform - 100m, 109yds Up platform - 98m, 107yds	
Beynon LC (FP)		137 61			U&DW - Up & Down Worcester	
Ashperton LC (FP)		140 09				
Rimmell's LC (UWC)		140 34				
Stoke Edith LC (AHBC)		142 22				

LNW South Route Sectional Appendix Module LNW(S)2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
MD940	006	Worcester Shrub Hill to Shelwick Jn	WAH	Central / Wales	25/10/2025	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Yarkhill 4A LC (FP)		143 54			TB Ledbury SB (L)	GSM-R  U&DW - Up & Down Worcester  Shelwick Junction controlled by Hereford (H) signal box
		145 13				
Moorend Farm 1 LC (FP)		145 50				
Withington LC (FP)		146 00				
Green Lane LC (UWC)		147 21				
Shelwick Green LC (UWC)		147 48				
		147 68 *				
Route Boundary Shelwick Jn and SA Boundary		148 09 148 11 49 26				

LNW South Route Sectional Appendix Module LNWS(S)2

LOR	Seq.	Line of Route Description	ELR		Route	Last Updated
MD950	001	Worcester Tunnel Jn to Henwick	BLW	WAH	Central	22/06/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks
Worcester Tunnel Jn		120 78 0 30				TCB Worcester Tunnel Jn SB (TJ)
Former Rainbow Hill Jn (Change of mileage and change of ELR: BLW - WAH)		0 06 * 0 01 0 00				BLW WAH
<b>WORCESTER FOREGATE STREET</b>		120 64 120 66 *				
Henwick LC (MCB)		121 12				
Henwick SB (HK)		121 65				
(Main lines trailing crossover)		121 65 121 72				
<p>U&amp;DD - Up &amp; Down Droitwich U&amp;DB - Up &amp; Down Branch Platform 2 - 154m, 168yds</p>						
<p>ELR - BLW ELR - WAH</p>						
<p>AB Henwick SB (HK)</p>						
<p>UM - Up Main</p>						

## MD301 Rugby to Penkridge (Exclusive) (via Birmingham)

### Access / Egress For Trains Stabled In No.1 Siding

#### Access

Driver's requiring access to trains stabled in No.1 Siding must contact the Birmingham ROC Birmingham New Street Signaller on the Platform 4C TDEU telephone or other appropriate means and request a Line Blockage of Platform 5B

When the Birmingham ROC Birmingham New Street Signaller confirms the Line Blockage of Platform 5B has been granted and has issued an authority number, the Driver may use the authorised walking route at the end of Platform 5B to access the north end cab of the train stabled in No1 Siding.

Once on board the unit the Driver must start the unit and contact the Birmingham ROC Birmingham New Street Signaller on the GSM-R Radio or other appropriate means and cancel the line blockage quoting the authority number given when the line blockage was granted.

#### Egress

The Driver of a train arriving to stable in No.1 Siding must contact the Birmingham ROC Birmingham New Street Signaller on the GSM-R Radio or other appropriate means and request a line blockage of Platform 5B.

When the Birmingham ROC Birmingham New Street Signaller confirms the Line Blockage of Platform 5B has been granted and has issued an authority number, the Driver may shut the unit down and use the authorised walking route to access Platform 5B.

Once on Platform 5B the Driver must contact the Birmingham ROC Birmingham New Street Signaller on the Platform 4C TDEU telephone or other appropriate means and cancel the line blockage quoting the authority number given when the line blockage was granted.

Dated 01/02/2025

## MD301 - RUGBY TO PENKRIDGE (EXCLUSIVE) (VIA BIRMINGHAM)

### Birmingham New St - Platform lengths

#### Notes

The whole platform lengths shown are dimensioned top of ramp to top of ramp and an allowance for signals, stop boards, buffer stops & stopping tolerance must be deducted from these figures to arrive at effective lengths.

#### Whole Platform Lengths:

Platform 1 – 327 metres (357 yards)	Platform 6 – 315 metres (344 yards)
Platform 2 – 322 metres (352 yards)	Platform 7 – 314 metres (343 yards)
Platform 3 – 322 metres (352 yards)	Platform 8 – 339 metres (371 yards)
Platform 4 – 359 metres (393 yards)	Platform 9 – 321 metres (351 yards)
Platform 4C – 97 metres (106 yards)	Platform 10 – 321 metres (351 yards)
Platform 5 – 260 metres (284 yards)	Platform 11 – 333 metres (364 yards)
	Platform 12 – 236 metres (258 yards)

#### A / B end Platform Lengths (signal to signal):

1A – BM6201 to BM5501 157 metres  
 1B – BM6601 to BM5101 159 metres  
 2A – BM6202 to BM5502 159 metres  
 2B – BM6602 to BM5102 136 metres  
 3A – BM6203 to BM5503 172 metres  
 3B – BM6603 to BM5103 137 metres  
 4A – BM6204 to BM5504 207 metres  
 4B – BM6604 to BM5104 92 metres  
 5A – BM6205 to BM5505 137 metres  
 5B – BM6605 to BM5105 137 metres \*  
 6A – BM6206 to BM5506 140 metres  
 6B – BM6606 to BM5106 161 metres  
 7A – BM6207 to BM5507 188 metres  
 7B – BM6607 to BM5107 120 metres  
 8A – BM6208 to BM5508 171 metres  
 8B – BM6608 to BM5108 149 metres  
 9A – BM6209 to BM5509 154 metres  
 9B – BM6609 to BM5109 156 metres  
 10A – BM6210 to BM5510 176 metres  
 10B – BM6610 to BM5110 135 metres  
 11A – BM6211 to BM5511 162 metres  
 11B – BM6611 to BM5111 163 metres  
 12A – BM6212 to BM5512 129 metres  
 12B – BM6612 to BM5112 130 metres

## LNW South Route Sectional Appendix Module LNWS2

Platforms with Inner / Outer platform lengths

Signal	Location	Signal	Location	Standage (m)
BM6403	Platform 3A (Up direction)	BM5503	Platform 3A	118
BM6404	Platform 4A (Up direction)	BM5504	Platform 4A	140
BM6405	Platform 5A (Up direction)	BM5505	Platform 5A	70
BM5306	Platform 6B (Down direction)	BM6606	Platform 6B	116
BM6407	Platform 7A (Up direction)	BM5507	Platform 7A	123
BM6408	Platform 8A (Up direction)	BM5508	Platform 8A	111
BM5308	Platform 8B (Down direction)	BM6608	Platform 8B	81
BM6409	Platform 9A (Up direction)	BM5509	Platform 9A	120
BM5309	Platform 9B (Down direction)	BM6609	Platform 9B	90
BM6410	Platform 10A (Up direction)	BM5510	Platform 10A	127
BM5710	Platform 10A (Down direction)	BM6210 * Top of ramp	Platform 10A (Down direction)	119 * 114 top of ramp
BM5710 via BM251R	Platform 10A (Down direction)	BM6410	Platform 10A (Down direction)	70
BM6411	Platform 11A (Up direction)	BM5511	Platform 11A	111
BM8843	No.3 Siding (Up Direction)	BM7323	No.3 Siding	81

Dated: 20/09/2025

**MD301 - RUGBY TO PENKRIDGE (EXCLUSIVE) (VIA BIRMINGHAM)****New Street North Tunnel**

**The location lights** on the Up Stour line associated with signal BM4182 comprise of two horizontal white LED lights affixed to the tunnel wall at cab height and are positioned 200 yards on the approach to signal BM4182.

If Drivers observe one or both white lights not illuminated, they must report the fact to the Signaller at Birmingham ROC Birmingham New Street Workstation upon arrival at Birmingham New Street Station.

If both white lights have failed, Drivers will be advised of the circumstance at signal BW4184.

.Dated: 17/05/2025

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9	06 September 2025
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11	06 September 2025
12	06 September 2025
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42C	<b>06 December 2025</b>
42CA	04 June 2022
42CB	04 June 2022
42D	04 June 2022
42E	04 December 2021
42F	04 December 2021
42G	04 June 2022

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48	<b>06 December 2025</b>
48A	<b>06 December 2025</b>
48B	07 December 2024
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82A	07 December 2024

## LNW South Route Sectional Appendix Module LNWS(S) RC

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	139	150	153	155	156	158	159	Notes
MD435	GSJ2	Smethwick Jn – Stourbridge North Jn	133	32	141	06	N	Y	Y	Y	E	Y	E	
MD440	GSJ1	Galton Jn – Smethwick Jn	3	64	4	08	N	Y	Y	Y	E	Y	E	
MD445	SJS	Stourbridge Jn – Stourbridge Town	142	16	142	78	R1	N	E	N	N	N	N	R1 Prohibited to operate when any other train is within this section of route except when providing assistance
MD450	OWW	Stourbridge North Jn – Round Oak	142	15	146	13	N	Y	Y	Y	E	N	N	
MD455	KWD	Kingswinford Jn – Network Rail Boundary	144	33	145	60	N	N	N	N	N	N	N	Line out of use NME/2005/LNW284
MD460	SJT1	Kineton MOD Branch – Burton Dassett (MOD Kineton)	22	60	25	60	N	N	N	N	N	N	N	
MD501	DBP1	Route Boundary (LN3501) (London Road Jn) – Kingsbury Jn	23	30	29	39	N	Y	E	E	E	Y	Y	
MD501	DBP2	Kingsbury Jn – Water Orton East Jn	29	39	33	22	N	Y	E	E	E	Y	Y	
MD501	DBP3	Water Orton East Jn (Change of Mileage) – Landor Street Jn	34	43	40	60	N	Y	E	E	E	Y	Y	
MD501	DBP3	Landor Street Jn – Proof House Jn	40	60	41	51	N	Y	E	E	E	Y	Y	
MD545	KJW	Kingsbury Jn – Whitacre Jn (Change of Mileage)	29	39	31	69	N	Y	E	E	E	Y	Y	
MD555	NWO	Nuneaton North Junction – Lmit of Electrification	10	18	10	00	N	Y	E	E	E	Y	Y	
MD555	NWO	Limit of Electrification – Whitacre West Junction	10	00	0	00	N	Y	E	E	E	Y	Y	
MD555	DBP3	Whitacre West Jn – Water Orton East Jn	31	69	34	43	N	Y	E	E	E	Y	Y	
MD560	WOP	Water Orton West Jn – Park Lane Change of ELR	35	15	36	04	N	Y	Y	Y	Y	Y	Y	
MD560	CBR2	Park Lane Change of ELR – Park Lane Jn	36	04	36	15	N	Y	N	N	N	N	N	
MD565	CBR1	Castle Bromwich Jn – Park Lane Jn	0	55	0	00	N	Y	N	N	N	N	N	
MD565	CBR2	Park Lane Jn – Ryecroft Jn	36	04	47	48	N	Y	N	N	N	N	N	
MD570	LSS	Landor Street Jn – St Andrews Jn	40	60	41	18	N	Y	E	E	E	Y	E	
MD570	SKN	St Andrews Jn – Bordesley Jn	41	18	41	44	N	Y	E	E	E	Y	E	
MD570	SKN	Bordesley Jn – Kings Norton Jn (Camp Hill Lines)	41	44	46	77	N	Y	E	E	E	Y	E	

## LNW South Route Sectional Appendix Module LNWS(S) RC

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	139	150	153	155	156	158	159	Notes
MD575	SAG	St Andrews Jn – Grand Jn	0	00	0	52	N	Y	E	E	E	Y	E	
MD580	LEL	Lifford East Jn – Lifford West Jn	46	11	46	36	N	Y	E	E	E	Y	E	
MD701	MCJ1	London Marylebone – Neasden South Jn (Change of Mileage)	205	77	200	65	N	Y	E	N	E	N	N	
MD701	NAJ1	Neasden South Jn (Change of Mileage) – Northolt Jn	6	30	0	00	N	Y	E	N	E	N	N	
MD701	NAJ2	Northolt Jn – Princes Risborough Jn	0	00	24	50	N	Y	E	N	E	N	N	
MD701	NAJ2	Princes Risborough Jn – Site of former Ashendon Jn (Change of Mileage)	24	50	33	69	N	Y	E	N	E	N	N	
MD701	NAJ3	Site of former Ashendon Jn (Change of Mileage) – Aynho Jn	0	00	18	35	N	Y	E	N	E	N	N	
MD705	ANL	Route Boundary (GW110) (Greenford West Jn) – Northolt Jn (South Ruislip)	8	60	10	15	N	Y	E	N	E	N	N	
MD710	MCJ1	Neasden South Jn – Network Rail Boundary (LUL) (Harrow-on-the-Hill South Jn)	200	66	197	05	N	R1	E	N	E R1	N	N	R1 Prohibited unless fitted with tripcocks
MD712	MCJ2	Network Rail Boundary (LUL) (Amersham, Mantles Wood) – Aylesbury Jn	25	21	38	08	N	R1	E	N	E R1	N	N	R1 Prohibited over LUL section
MD712	MCJ2	Aylesbury Jn – Aylesbury	38	08	38	13	N	Y	E	N	E	N	N	
MD715	NJN	Neasden South Jn – Route Boundary (EA1360) (Neasden Jn)	6	30	6	51	N	Y	E	N	E	N	N	
MD720	NAJ2	Princes Risborough – Change of Mileage (Princes Risborough Jn)	24	40	24	48	N	Y	E	N	E	N	N	
MD720	PRA	Change of Mileage (Princes Risborough Jn) – Aylesbury Jn	42	31	49	35	N	Y	E	N	E	N	N	
MD725	MCJ2	Aylesbury – Aylesbury Vale Parkway	38	13	40	38	N	Y	E	N	E	N	N	
MD725	MCJ2	Aylesbury Vale Parkway – Change of Mileage (Quanton Road)	40	38	44	28	N	Y	E	N	E	N	N	
MD725	MCJ3	Change of Mileage (Quanton Road) – Calvert Jn (Change of Mileage)	161	50	156	72	N	Y	E	E	Y	N	N	
MD725	MCJ4	Calvert Jn (Change of Mileage) – Claydon L&NE Jn	0	00	0	41	N	Y	E	E	Y	N	N	
MD736	OXD	Route Boundary (GW277) –Gavray Jn	29	25	19	00	N	Y	N	N	Y	Y	E	

## LNW South Route Sectional Appendix Module LNWS(S) RC

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	139	150	153	155	156	158	159	Notes
MD736	OXD	Gavray Jn – Flyover Jn (Change of ELR)	19	00	0	62	N	Y	R1	R1	Y	N	N	Prohibited Gavray Jn to Newton Road Overbridge No.6
MD736	BFO	Flyover Jn (Change of ELR) – Flyover Jn Summit	0	00	0	68	N	Y	E	E	Y	N	N	
MD736	DHF	Flyover Junction Summit – Limit of Electrification	0	68	1	37	N	Y	E	E	Y	N	N	
MD736	DHF	Limit of Electrification – Bletchley Flyover North Jn	1	37	1	61	N	Y	E	E	Y	N	N	
MD736	DHF	Bletchley Flyover North Jn – Denbigh Hall South Jn	1	61	1	73	N	Y	E	E	Y	N	N	
MD740	BFO	Flyover Jn (Summit) – Fenny Stratford Bletchley Flyover Jn	0	68	1	59	N	Y	E	E	Y	N	N	
MD745	BSG	Bicester South Junction – Gavray Junction	0	00	0	52	N	Y	N	N	Y	Y	Y	
MD801	WSJ1	Wolverhampton North Jn – Oxley, Stafford Road Jn (Change of Mileage)	143	52	142	79	N	Y	E	E	E	Y	E	
MD801	WSJ2	Oxley, Stafford Road Jn (Change of Mileage) – Limit of Electrification	143	02	143	65	N	Y	E	E	E	Y	E	
MD801	WSJ2	Limit of Electrification – Madeley Jn	143	65	156	19	N	Y	E	E	E	Y	E	
MD801	WSJ2	Madeley Jn – Route Boundary (GW731) (Abbey Foregate)	156	19	170	46	N	Y	E	E	E	Y	E	
MD805	OXC	Bushbury (Oxley) Jn – Stafford Road Jn	1	02	0	00	N	Y	E	E	E	Y	E	
MD810	MJI1	Madeley Junction – Site of former Lightmoor Jn	156	19	160	29	N	N	N	N	N	N	N	
MD810	MJI2	Site of former Lightmoor Jn – Ironbridge Power Station (NR Boundary)	156	19	160	29	N	N	N	N	N	N	N	
MD900	ABW	Abbotswood Jn – Norton Jn	0	00	0	62	N	Y	N	N	E	Y	E	
MD900	OWW	Norton Jn – Shrub Hill Jn	117	26	120	46	N	Y	N	N	E	Y	E	
MD900	OWW	Shrub Hill Jn – Droitwich Spa Jn	120	46	126	21	N	Y	N	N	E	Y	E	
MD900	STO	Droitwich Spa Jn – Stoke Works Jn	126	21	130	25	N	Y	N	N	E	Y	E	

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Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	139	150	153	155	156	158	159	Notes
MD910	OWW	Pershore (excl) – Norton Jn	112	00	117	26	N	Y	N	N	E	Y	E	
MD940	WAH	Shrub Hill Jn – Henwick SB (Branch Single)	120	46	121	65	N	Y	N	N	E	Y	E	
MD940	WAH	Henwick SB – Shelwick Jn	121	65	148	11	N	Y	N	N	E	Y	E	
MD950	BLW	Worcester Tunnel Jn – Site of former Rainbow Hill Jn Change of ELR	0	30	0	00	N	Y	N	N	E	Y	E	
MD950	WAH	Site of former Rainbow Hill Jn Change of ELR – Henwick SB (Droitwich Single)	120	64	121	65	N	Y	N	N	E	Y	E	

## LNW South Route Sectional Appendix Module LNWS(S) RC

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	165	166 RHM	168	170	171	172	175	180	195	196	197	220	221	Notes
MD710	MCJ1	Neasden South Jn – Network Rail Boundary (LUL) (Harrow-on-the-Hill South Jn)	200	66	197	05	R1 R2	N	Y	N	N	R3 R4	N	N	N	N	N	N	N	R1 Route prohibited to Class 165/1 R2 Prohibited unless fitted with tripcocks R3 Prohibited from being the leading unit between on the LUL section Harrow on the Hill and Amersham (9m 13ch to 25m 21ch) due to the non-fitment of tripcocks R4 Route prohibited to Class 172/2 and 172/3
MD712	MCJ2	Network Rail Boundary (LUL) (Amersham, Mantles Wood) – Aylesbury Jn	25	21	38	08	R1 R2	N	Y	N	N	R3 R4	N	N	N	N	N	N	N	R1 Route prohibited to Class 165/1 R2 Prohibited on LUL section unless fitted with tripcocks R3 Prohibited from being the leading unit on the LUL section between Harrow on the Hill and Amersham (9m 13ch to 25m 21ch) due to the non-fitment of tripcocks R4 Route prohibited to Class 172/2 and 172/3
MD712	MCJ2	Aylesbury Jn – Aylesbury	38	08	38	13	R1	N	Y	N	N	R2	N	N	N	N	N	N	N	R1 Route prohibited to Class 165/1 R2 Route prohibited to Class 172/2 and 172/3
MD715	NJN	Neasden South Jn – Route Boundary (EA1360) (Neasden Jn)	6	30	6	51	E R1	N	E	N	N	E	N	N	N	N	N	N	N	R1 Route prohibited to Class 165/1
MD720	NAJ2	Princes Risborough – Change of Mileage (Princes Risborough Jn)	24	40	24	48	R1	N	Y	N	N	Y	N	N	N	N	N	N	N	R1 Route prohibited to Class 165/1
MD720	PRA	Change of Mileage (Princes Risborough Jn) – Aylesbury Jn	42	31	49	35	R1	N	Y	N	N	Y	N	N	N	E	N	N	N	R1 Route prohibited to Class 165/1
MD725	MCJ2	Aylesbury – Aylesbury Vale Parkway	38	13	40	38	R1	N	Y	N	N	R2	N	N	N	N	N	N	N	R1 Route prohibited to Class 165/1 R2 Route prohibited to Class 172/2 and 172/3
MD725	MCJ2	Aylesbury Vale Parkway – Change of Mileage (Quinton Road)	40	38	44	28	Y	N	E	N	N	E R1	N	N	N	N	N	N	N	R1 Route prohibited to Class 172/2 and 172/3
MD725	MCJ3	Change of Mileage (Quinton Road) – Calvert Jn (Change of Mileage)	161	50	156	72	Y	N	E	N	N	E R1	N	N	N	N	N	N	N	R1 Route prohibited to Class 172/2 and 172/3
MD725	MCJ4	Calvert Jn (Change of Mileage) – Claydon L&NE Jn	0	00	0	41	Y	N	E	N	N	E R1	N	N	N	N	N	N	N	R1 Route prohibited to Class 172/2 and 172/3
MD736	OXD	Route Boundary (GW277) –Gavray Jn	29	25	19	00	Y	N	Y	N	N	Y	N	N	N	Y	N	N	N	
MD736	OXD	Gavray Jn – Flyover Jn (Change of ELR)	19	00	0	62	R1	N	Y	N	N	R1	N	N	N	N	N	N	N	R1 Prohibited Newton Road Overbridge No.6 to Flyover Jn (Change of ELR)
MD736	BFO	Flyover Jn (Change of ELR) – Flyover Jn Summit	0	00	0	68	E R1	N	N	N	N	N	N	N	N	N	N	N	N	R1 Prohibited with footsteps fitted
MD736	DHF	Flyover Junction Summit – Limit of Electrification	0	68	1	37	E R1	N	N	N	N	N	N	N	N	N	N	N	N	R1 Prohibited with footsteps fitted
MD736	DHF	Limit of Electrification – Bletchley Flyover North Jn	1	37	1	61	E R1	N	N	N	N	N	N	N	N	N	N	N	N	R1 Prohibited with footsteps fitted
MD736	DHF	Bletchley Flyover North Jn – Denbigh Hall South Jn	1	61	1	73	E R1	N	N	N	N	N	N	N	N	Y	N	N	N	R1 Prohibited with footsteps fitted

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Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	165	166 RHM	168	170	171	172	175	180	195	196	197	220	221	Notes
MD740	BFO	Flyover Jn (Summit) – Fenny Stratford Blechley Flyover Jn	0	68	1	59	N	N	N	N	N	N	N	N	N	Y	N	N	N	
MD745	BSG	Bicester South Junction – Gavray Junction	0	00	0	52	Y	N	Y	N	N	Y	N	N	N	Y	N	N	N	
MD801	WSJ1	Wolverhampton North Jn – Oxley, Stafford Road Jn (Change of Mileage)	143	52	142	79	N	N	Y	Y	N	N	Y	N	EH	Y	Y	Y	Y	
MD801	WSJ2	Oxley, Stafford Road Jn (Change of Mileage) – Limit of Electrification	143	02	143	65	N	N	Y	Y	N	N	Y	N	EH R1	Y	Y	Y	Y	R1 Prohibited between Oxley TRSMD and Limit of Electrification
MD801	WSJ2	Limit of Electrification – Madeley Jn	143	65	156	19	N	N	Y	Y	N	N	Y	N	N	Y	Y	N	R1	R1 3mph Shifnal Down platform with deflated suspension
MD801	WSJ2	Madeley Jn – Route Boundary (GW731) (Abbey Foregate)	156	19	170	46	N	N	Y	Y	N	N	Y	N	N	Y	Y	N	R1 R2	R1 3mph Oakengates Up platform with deflated suspension R2 3mph Wellington Down Loop platform with deflated suspension
MD805	OXC	Bushbury (Oxley) Jn – Stafford Road Jn	1	02	0	00	N	N	N	Y	N	N	Y	N	EH	Y	Y	Y	Y	
MD810	MJI1	Madeley Junction – Site of Former Lightmoor Jn	156	19	160	29	N	N	N	N	N	N	N	N	N	N	N	N	N	
MD810	MJI2	Site of Former Lightmoor Jn – Ironbridge Power Station (NR Boundary)	156	19	160	29	N	N	N	N	N	N	N	N	N	N	N	N	N	

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Line of route	ELR	Line of Route / Sector Description	00	00	00	00	313	315	317	319	321	322	323	325	350	360	Notes
			M	Ch	M	Ch											
MD725	MCJ2	Aylesbury Vale Parkway – Change of Mileage (Quinton Road)	40	38	44	28	N	N	N	N	N	N	N	H	N	N	
MD725	MCJ3	Change of Mileage (Quinton Road) – Calvert Jn (Change of Mileage)	161	50	156	72	N	N	N	N	N	N	N	H	N	N	
MD725	MCJ4	Calvert Jn (Change of Mileage) – Claydon L&NE Jn	0	00	0	41	N	N	N	N	N	N	N	H	N	N	
MD736	OXD	Route Boundary (GW277) –Gavray Junction	29	25	19	00	N	N	N	N	N	N	N	N	N	N	
MD736	OXD	Gavray Jn – Flyover Jn (Change of ELR)	19	00	0	62	N	N	N	N	N	N	N	H	N	EH R1 R2	R1 Class 360/1 only R1 Prohibited Newton Road Overbridge No.6 R2 to Flyover Jn (Change of ELR)
MD736	BFO	Flyover Junction (Change of ELR) – Flyover Junction Summit	0	00	0	68	N	N	N	N	N	N	N	H	N	EH R1	Class 360/1 only
MD736	DHF	Flyover Junction Summit – Limit of Electrification	0	68	1	37	N	N	N	N	N	N	N	H	N	N	
MD736	DHF	Limit of Electrification – Bletchley Flyover North Jn	1	37	1	61	N	N	N	N	N	N	N	H	N	N	
MD736	DHF	Bletchley Flyover North Jn – Denbigh Hall South Jn	1	61	1	73	N	N	N	N	N	N	N	H	N	N	
MD740	BFO	Flyover Jn (Summit) – Fenny Stratford Bletchley Flyover Jn	0	68	1	59	N	N	N	N	N	N	N	H	N	N	
MD745	BSG	Bicester South Junction – Gavray Junction	0	00	0	52	N	N	N	N	N	N	N	N	N	N	
MD801	WSJ1	Wolverhampton North Jn – Oxley, Stafford Road Jn (Change of Mileage)	143	52	142	79	N	N	Y	N	Y	Y	Y	H	E	N	
MD801	WSJ2	Oxley, Stafford Road Jn (Change of Mileage) – Limit of Electrification	143	02	143	65	N	N	Y	N	Y	Y	Y	H	E	N	
MD801	WSJ2	Limit of Electrification – Madeley Jn	143	65	156	19	N	N	N	N	N	N	N	H	N	N	
MD801	WSJ2	Madeley Jn – Route Boundary (GW731) (Abbey Foregate )	156	19	170	46	N	N	N	N	N	N	N	H	N	N	
MD805	OXC	Bushbury (Oxley) Jn – Stafford Road Jn	1	02	0	00	N	N	N	N	N	N	N	H	N	N	
MD810	MJI1	Madeley Junction – Site of Former Lightmoor Jn	156	19	160	29	N	N	N	N	N	N	N	N	N	N	
MD810	MJI2	Site of Former Lightmoor Jn – Ironbridge Power Station (NR Boundary)	156	19	160	29	N	N	N	N	N	N	N	N	N	N	

## LNW South Route Sectional Appendix Module LNWS(S) RC

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	313	315	317	319	321	322	323	325	350	360	Notes
MD900	ABW	Abbotswood Jn – Norton Jn	0	00	0	62	N	N	N	N	N	N	N	H	N	N	
MD900	OWW	Norton Jn – Shrub Hill Jn	117	26	120	46	N	N	N	N	N	N	N	H	N	N	
MD900	OWW	Shrub Hill Jn – Droitwich Spa Jn	120	46	126	21	N	N	N	N	N	N	N	H	N	N	
MD900	STO	Droitwich Spa Jn – Stoke Works Jn	126	21	130	25	N	N	N	N	N	N	N	H	N	N	
MD910	OWW	Pershore (excl) – Norton Jn	112	00	117	26	N	N	N	N	N	N	N	H	N	N	
MD940	WAH	Shrub Hill Jn – Henwick SB (Branch Single)	120	46	121	65	N	N	N	N	N	N	N	H	N	N	
MD940	WAH	Henwick SB – Shelwick Jn	121	65	148	11	N	N	N	N	N	N	N	H	N	N	
MD950	BLW	Worcester Tunnel Jn – Site of former Rainbow Hill Jn Change of ELR	0	30	0	00	N	N	N	N	N	N	N	H	N	N	
MD950	WAH	Site of former Rainbow Hill Jn Change of ELR – Henwick SB (Droitwich Single)	120	64	121	65	N	N	N	N	N	N	N	H	N	N	

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Line of route	ELR	Line of Route / Sector Description	0000	0000	0000	0000	377	378	379	380	387	390	458	499	508	Notes
			M	Ch	M	Ch										
MD555	DBP3	Whitacre West Jn – Water Orton East Jn	31	69	34	43	N	N	N	V	N	H	N	N	N	
MD560	WOP	Water Orton West Jn – Park Lane Change of ELR	35	15	36	04	N	N	N	N	N	N	N	N	N	
MD560	CBR2	Park Lane Change of ELR – Park Lane Jn	36	04	36	15	N	N	N	N	N	N	N	N	N	
MD565	CBR1	Castle Bromwich Jn – Park Lane Jn	0	55	0	00	N	N	N	N	N	N	N	N	N	
MD565	CBR2	Park Lane Jn – Ryecroft Jn	36	04	47	48	N	N	N	N	N	N	N	N	N	
MD570	LSS	Landor Street Jn – St Andrews Jn	40	60	41	18	N	N	N	N	N	N	N	N	N	
MD570	SKN	St Andrews Jn – Bordesley Jn	41	18	41	44	N	N	N	N	N	N	N	N	N	
MD570	SKN	Bordesley Jn – Kings Norton Jn (Camp Hill Lines)	41	44	46	77	N	N	N	N	N	N	N	N	N	
MD575	SAG	St Andrews Jn – Grand Jn	0	00	0	52	N	N	N	N	N	N	N	N	N	
MD580	LEL	Lifford East Jn – Lifford West Jn	46	11	46	36	N	N	N	N	N	N	N	N	N	
MD701	MCJ1	London Marylebone – Neasden South Jn (Change of Mileage)	205	77	200	65	N	N	N	N	N	N	N	N	N	
MD701	NAJ1	Neasden South Jn (Change of Mileage) – Northolt Jn	6	30	0	00	N	N	N	N	N	N	N	N	N	
MD701	NAJ2	Northolt Jn – Princes Risborough Jn	0	00	24	50	N	N	N	N	N	N	N	N	N	
MD701	NAJ2	Princes Risborough Jn – Site of Former Ashendon Jn (Change of Mileage)	24	50	33	69	N	N	N	N	N	N	N	N	N	
MD701	NAJ3	Site of Former Ashendon Jn (Change of Mileage) – Aynho Jn	0	00	18	35	N	N	N	N	N	N	N	N	N	
MD705	ANL	Route Boundary (GW110) (Greenford West Jn) – Northolt Jn (South Ruislip)	8	60	10	15	N	N	N	N	N	N	N	N	N	
MD710	MCJ1	Neasden South Jn – Network Rail Boundary (LUL) (Harrow-on-the-Hill South Jn)	200	66	197	05	N	N	N	N	N	N	N	N	N	
MD712	MCJ2	Network Rail Boundary (LUL) (Amersham, Mantles Wood) – Aylesbury Jn	25	21	38	08	N	N	N	N	N	N	N	N	N	
MD712	MCJ2	Aylesbury Jn – Aylesbury	38	08	38	13	N	N	N	N	N	N	N	N	N	
MD715	NJN	Neasden South Jn – Route Boundary (EA1360) (Neasden Jn)	6	30	6	51	N	N	N	N	N	N	N	N	N	
MD720	NAJ2	Princes Risborough – Change of Mileage (Princes Risborough Jn)	24	40	24	48	N	N	N	N	N	N	N	N	N	
MD720	PRA	Change of Mileage (Princes Risborough Jn) – Aylesbury Jn	42	31	49	35	N	N	N	N	N	N	N	N	N	

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Line of route	ELR	Line of Route / Sector Description	0000	0000	0000	0000	377	378	379	380	387	390	458	499	508	Notes
			M	Ch	M	Ch										
MD725	MCJ2	Aylesbury – Aylesbury Vale Parkway	38	13	40	38	N	N	N	N	N	N	N	N	N	
MD725	MCJ2	Aylesbury Vale Parkway – Change of Mileage (Quinton Road)	40	38	44	28	N	N	N	N	N	N	N	N	N	
MD725	MCJ3	Change of Mileage (Quinton Road) – Calvert Jn (Change of Mileage)	161	50	156	72	N	N	N	N	N	N	N	N	N	
MD725	MCJ4	Calvert Jn (Change of Mileage) – Claydon L&NE Jn	0	00	0	41	N	N	N	N	N	N	N	N	N	
MD736	OXD	Route Boundary (GW277) –Gavray Junction	29	25	19	00	N	N	N	N	N	N	N	N	N	
MD736	OXD	Gavray Jn – Flyover Jn (Change of ELR)	19	00	0	62	N	N	N	N	N	N	N	N	N	
MD736	BFO	Flyover Jn (Change of ELR) – Flyover Jn Summit	0	00	0	68	N	N	N	N	N	N	N	N	N	
MD736	DHF	Flyover Jn Summit – Limit of Electrification	0	68	1	37	N	N	N	N	N	N	N	N	N	
MD736	DHF	Limit of Electrification – Bletchley Flyover North Jn	1	37	1	61	N	N	N	N	N	N	N	N	N	
MD736	DHF	Bletchley Flyover North Jn – Denbigh Hall South Jn	1	61	1	73	N	N	N	N	N	N	N	N	N	
MD740	BFO	Flyover Jn (Summit) – Fenny Stratford Bletchley Flyover Jn	0	68	1	59	N	N	N	N	N	N	N	N	N	
MD745	BSG	Bicester South Junction – Gavray Junction	0	00	0	52	N	N	N	N	N	N	N	N	N	
MD801	WSJ1	Wolverhampton North Jn – Oxley, Stafford Road Jn (Change of Mileage)	143	52	142	79	N	N	N	N	N	Y	N	N	N	
MD801	WSJ2	Oxley, Stafford Road Jn (Change of Mileage) – Limit of Electrification	143	02	143	65	N	N	N	N	N	Y	N	N	N	
MD801	WSJ2	Limit of Electrification – Madeley Jn	143	65	156	19	N	N	N	N	N	N	N	N	N	
MD801	WSJ2	Madeley Jn – Route Boundary (GW731) (Abbey Foregate )	156	19	170	46	N	N	N	N	N	N	N	N	N	
MD805	OXC	Bushbury (Oxley) Jn – Stafford Road Jn	1	02	0	00	N	N	N	N	N	H	N	N	N	
MD810	MJI1	Madeley Junction – Site of Former Lightmoor Jn	156	19	160	29	N	N	N	N	N	N	N	N	N	
MD810	MJI2	Site of Former Lightmoor Jn – Ironbridge Power Station (NR Boundary)	156	19	160	29	N	N	N	N	N	N	N	N	N	

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Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	700	710	720	730	745	755	Notes
MD501	DBP1	Route Boundary (LN3501) (London Road Jn) – Kingsbury Jn	23	30	29	39	N	N	N	N	N	N	
MD501	DBP2	Kingsbury Jn – Water Orton East Jn	29	39	33	22	N	N	N	N	N	N	
MD501	DBP3	Water Orton East Jn (Change of Mileage) – Landor Street Jn	34	43	40	60	N	N	N	N	N	N	
MD501	DBP3	Landor Street Jn – Proof House Jn	40	60	41	51	N	N	N	R1 R2	N	N	R1 Prohibited Landor Street Jn to Grand Jn R2 Up to 3 x 3 car only
MD545	KJW	Kingsbury Jn – Whitacre Jn (Change of Mileage)	29	39	31	69	N	N	N	N	N	N	
MD555	NWO	Nuneaton North Junction – Lmit of Electrification	10	18	10	00	N	N	N	N	N	N	
MD555	NWO	Limit of Electrification – Whitacre West Junction	10	00	0	00	N	N	N	N	N	N	
MD555	DBP3	Whitacre West Jn – Water Orton East Jn	31	69	34	43	N	N	N	N	N	N	
MD560	WOP	Water Orton West Jn – Park Lane Change of ELR	35	15	36	04	N	N	N	N	N	N	
MD560	CBR2	Park Lane Change of ELR – Park Lane Jn	36	04	36	15	N	N	N	N	N	N	
MD565	CBR1	Castle Bromwich Jn – Park Lane Jn	0	55	0	00	N	N	N	N	N	N	
MD565	CBR2	Park Lane Jn – Ryecroft Jn	36	04	47	48	N	N	N	N	N	N	
MD570	LSS	Landor Street Jn – St Andrews Jn	40	60	41	18	N	N	N	N	N	N	
MD570	SKN	St Andrews Jn – Bordesley Jn	41	18	41	44	N	N	N	N	N	N	
MD570	SKN	Bordesley Jn – Kings Norton Jn (Camp Hill Lines)	41	44	46	77	N	N	N	N	N	N	
MD575	SAG	St Andrews Jn – Grand Jn	0	00	0	52	N	N	N	R1 R2	N	N	R1 Prohibited St Andrews Jn to Limit of Electrification (00m 33ch) R2 Up to 3 x 3 cars only
MD580	LEL	Lifford East Jn – Lifford West Jn	46	11	46	36	N	N	N	N	N	N	
MD701	MCJ1	London Marylebone – Neasden South Jn (Change of Mileage)	205	77	200	65	N	N	N	N	N	N	
MD701	NAJ1	Neasden South Jn (Change of Mileage) – Northolt Jn	6	30	0	00	N	N	N	N	N	N	
MD701	NAJ2	Northolt Jn – Princes Risborough Jn	0	00	24	50	N	N	N	N	N	N	

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Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	700	710	720	730	745	755	Notes
MD701	NAJ2	Princes Risborough Jn – Site of Former Ashendon Jn (Change of Mileage)	24	50	33	69	N	N	N	N	N	N	
MD701	NAJ3	Site of Former Ashendon Jn (Change of Mileage) – Aynho Jn	0	00	18	35	N	N	N	N	N	N	
MD705	ANL	Route Boundary (GW110) (Greenford West Jn) – Northolt Jn (South Ruislip)	8	60	10	15	N	N	N	N	N	N	
MD710	MCJ1	Neasden South Jn – Network Rail Boundary (LUL) (Harrow-on-the-Hill South Jn)	200	66	197	05	N	N	N	N	N	N	
MD712	MCJ2	Network Rail Boundary (LUL) (Amersham, Mantles Wood) – Aylesbury Jn	25	21	38	08	N	N	N	N	N	N	
MD712	MCJ2	Aylesbury Jn – Aylesbury	38	08	38	13	N	N	N	N	N	N	
MD715	NJN	Neasden South Jn – Route Boundary (EA1360) (Neasden Jn)	6	30	6	51	N	N	N	N	N	N	
MD720	NAJ2	Princes Risborough – Change of Mileage (Princes Risborough Jn)	24	40	24	48	N	N	N	N	N	N	
MD720	PRA	Change of Mileage (Princes Risborough Jn) – Aylesbury Jn	42	31	49	35	N	N	N	N	N	N	
MD725	MCJ2	Aylesbury – Aylesbury Vale Parkway	38	13	40	38	N	N	N	N	N	N	
MD725	MCJ2	Aylesbury Vale Parkway – Change of Mileage (Quainton Road)	40	38	44	28	N	N	N	N	N	N	
MD725	MCJ3	Change of Mileage (Quainton Road) – Calvert Jn (Change of Mileage)	161	50	156	72	N	N	N	N	N	N	
MD725	MCJ4	Calvert Jn (Change of Mileage) – Claydon L&NE Jn	0	00	0	41	N	N	N	N	N	N	
MD736	OXD	Route Boundary (GW277) –Gavray Junction	29	25	19	00	N	N	N	N	N	N	
MD736	OXD	Gavray Jn – Flyover Jn (Change of ELR)	19	00	0	62	N	N	N	N	N	N	

## LNW South Route Sectional Appendix Module LNWS(S) RC

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	700	710	720	730	745	755	Notes
MD736	BFO	Flyover Jn (Change of ELR) – Flyover Jn Summit	0	00	0	68	N	N	N	N	N	N	
MD736	DHF	Flyover Junction Summit – Limit of Electrification	0	68	1	37	N	N	N	N	N	N	
MD736	DHF	Limit of Electrification – Bletchley Flyover North Jn	1	37	1	61	N	N	N	R1	N	N	R1 Up to 3 x 3 cars only
MD736	DHF	Bletchley Flyover North Jn – Denbigh Hall South Jn	1	61	1	73	N	N	N	R1	N	N	R1 Up to 3 x 3 cars only
MD740	BFO	Flyover Jn (Summit) – Fenny Stratford Bletchley Flyover Jn	0	68	1	59	N	N	N	N	N	N	
MD745	BSG	Bicester South Junction – Gavray Junction	0	00	0	52	N	N	N	N	N	N	
MD801	WSJ1	Wolverhampton North Jn – Oxley, Stafford Road Jn (Change of Mileage)	143	52	142	79	N	N	N	R1	N	N	R1 Up to 3 x 3 cars only
MD801	WSJ2	Oxley, Stafford Road Jn (Change of Mileage) – Limit of Electrification	143	02	143	65	N	N	N	R1	N	N	R1 Up to 3 x 3 cars only
MD801	WSJ2	Limit of Electrification – Madeley Jn	143	65	156	19	N	N	N	N	N	N	
MD801	WSJ2	Madeley Jn – Route Boundary (GW731) (Abbey Foregate)	156	19	170	46	N	N	N	N	N	N	
MD805	OXC	Bushbury (Oxley) Jn – Stafford Road Jn	1	02	0	00	N	N	N	N	N	N	
MD810	MJI1	Madeley Junction – Site of Former Lightmoor Jn	156	19	160	29	N	N	N	N	N	N	
MD810	MJI2	Site of Former Lightmoor Jn – Ironbridge Power Station (NR Boundary)	156	19	160	29	N	N	N	N	N	N	
MD900	ABW	Abbotswood Jn – Norton Jn	0	00	0	62	N	N	N	N	N	N	
MD900	OWW	Norton Jn – Shrub Hill Jn	117	26	120	46	N	N	N	N	N	N	
MD900	OWW	Shrub Hill Jn – Droitwich Spa Jn	120	46	126	21	N	N	N	N	N	N	
MD900	STO	Droitwich Spa Jn – Stoke Works Jn	126	21	130	25	N	N	N	N	N	N	
MD910	OWW	Pershore (excl) – Norton Jn	112	00	117	26	N	N	N	N	N	N	
MD940	WAH	Shrub Hill Jn – Henwick SB (Branch Single)	120	46	121	65	N	N	N	N	N	N	

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Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	700	710	720	730	745	755	Notes
MD940	WAH	Henwick SB – Shelwick Jn	121	65	148	11	N	N	N	N	N	N	
MD950	BLW	Worcester Tunnel Jn – Site of former Rainbow Hill Jn Change of ELR	0	30	0	00	N	N	N	N	N	N	
MD950	WAH	Site of former Rainbow Hill Jn Change of ELR – Henwick SB (Droitwich Single)	120	64	121	65	N	N	N	N	N	N	

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MD701	NAJ3	Site of Former Ashendon Jn (Change of Mileage) – Aynho Jn	0	00	18	35	Y	Y	Y	Y	N	Y	N	N	N	
MD705	ANL	Route Boundary (GW110) (Greenford West Jn) – Northolt Jn (South Ruislip)	8	60	10	15	Y	Y	Y	Y	N	Y	N	N	N	
MD710	MCJ1	Neasden South Jn – Network Rail Boundary (LUL) (Harrow-on-the-Hill South Jn)	200	66	197	05	Y	Y	Y	N	N	N	N	N	N	
MD712	MCJ2	Network Rail Boundary (LUL) (Amersham, Mantles Wood) – Aylesbury Jn	25	21	38	08	Y	Y	Y	N	N	N	N	N	N	
MD712	MCJ2	Aylesbury Jn – Aylesbury	38	08	38	13	Y	Y	Y	N	N	N	N	N	N	
MD715	NJN	Neasden South Jn – Route Boundary (EA1360) (Neasden Jn)	6	30	6	51	Y	Y	Y	N	N	Y	N	N	N	
MD720	NAJ2	Princes Risborough – Change of Mileage (Princes Risborough Jn)	24	40	24	48	Y	Y	Y	Y	N	Y	N	N	N	
MD720	PRA	Change of Mileage (Princes Risborough Jn) – Aylesbury Jn	42	31	49	35	Y	Y	Y	Y	N	Y	N	N	N	
MD725	MCJ2	Aylesbury – Aylesbury Vale Parkway	38	13	40	38	Y	Y	Y	EH	N	Y	N	N	N	
MD725	MCJ2	Aylesbury Vale Parkway – Change of Mileage (Quainton Road)	40	38	44	28	Y	Y	Y	EH	N	Y	N	N	N	
MD725	MCJ3	Change of Mileage (Quainton Road) – Calvert Jn (Change of Mileage)	161	50	156	72	Y	Y	Y	EH	N	Y	N	N	N	
MD725	MCJ4	Calvert Jn (Change of Mileage) – Claydon L&NE Jn	0	00	0	41	Y	Y	Y	EH	N	Y	N	N	N	
MD736	OXD	Route Boundary (GW277) –Gavray Junction	29	25	19	00	Y	Y	Y	Y	Y	N	N	N	N	
MD736	OXD	Gavray Jn – Flyover Jn (Change of ELR)	19	00	0	62	Y	Y	Y	R1	R1	R1	N	N	N	R1 Prohibited Newton Road Overbridge No.6 to Flyover Jn (Change of ELR)
MD736	OXD	Gates (Claydon) – Buffer Stops	12	00	1	31	N	N	N	N	N	N	N	N	N	Line non operational
MD736	OXD	Buffer Stops – Flyover Junction (Change of ELR)	1	27	0	62	Y	Y	Y	N	N	N	N	N	N	
MD736	BFO	Flyover Jn (Change of ELR) – Flyover Jn Summit	0	00	0	68	Y	Y	Y	N	N	N	N	N	N	
MD736	DHF	Flyover Junction Summit – Limit of Electrification	0	68	1	37	Y	Y	Y	N	N	N	N	N	N	
MD736	DHF	Limit of Electrification – Bletchley Flyover North Jn	1	37	1	61	Y	Y	Y	N	N	N	N	N	N	
MD736	DHF	Bletchley Flyover North Jn – Denbigh Hall South Jn	1	61	1	73	Y	Y	Y	N	N	N	N	N	N	

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MD740	BFO	Flyover Jn (Summit) – Fenny Stratford Bletchley Flyover Jn	0	68	1	59	Y	Y	Y	N	N	N	N	N	N	
MD745	BSG	Bicester South Junction – Gavray Junction	0	00	0	52	Y	Y	Y	Y	Y	N	N	N	N	
MD801	WSJ1	Wolverhampton North Jn – Oxley, Stafford Road Jn (Change of Mileage)	143	52	142	79	Y	Y	Y	Y	N	Y	N	N	N	
MD801	WSJ2	Oxley, Stafford Road Jn (Change of Mileage) – Limit of Electrification	143	02	143	65	Y	Y	Y	Y	N	Y	N	N	N	
MD801	WSJ2	Limit of Electrification – Madeley Jn	143	65	156	19	Y	Y	Y	Y	N	Y	N	N	N	
MD801	WSJ2	Madeley Jn – Route Boundary (GW731) (Abbey Foregate)	156	19	170	46	Y	Y	Y	Y	N	Y	N	N	H R1	R1 Prohibited Madeley Jn – Telford Central
MD805	OXC	Bushbury (Oxley) Jn – Stafford Road Jn	1	02	0	00	Y	Y	Y	N	N	N	N	N	N	
MD810	MJI1	Madeley Junction – Site of Former Lightmoor Jn	156	19	160	29	Y	Y	Y	N	N	N	N	N	N	
MD810	MJI2	Site of Former Lightmoor Jn – Ironbridge Power Station (NR Boundary)	156	19	160	29	Y	Y	Y	N	N	N	N	N	N	

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Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	RA	08	09	20	31/13 1/6	31/4	33	37/03 7/3 37/43 7/6	37/5	37/7 37/9	Notes
MD712	MCJ2	Network Rail Boundary (LUL) (Amersham, Mantles Wood) – Aylesbury Jn	25	21	38	08	8	R1	R1	R1	R1	R1	R1	R1	R1	R1	R1 Prohibited over LUL section unless fitted with tripcocks or agreed operational arrangements are in place to allow the vehicle to proceed onto LUL infrastructure
MD712	MCJ2	Aylesbury Jn – Aylesbury	38	08	38	13	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD715	NJN	Neasden South Jn – Route Boundary (EA1360) (Neasden Jn)	6	30	6	51	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD720	NAJ2	Princes Risborough – Change of Mileage (Princes Risborough Jn)	24	40	24	48	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD720	PRA	Change of Mileage (Princes Risborough Jn) – Aylesbury Jn	42	31	49	35	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD725	MCJ2	Aylesbury – Aylesbury Vale Parkway	38	13	40	38	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD725	MCJ2	Aylesbury Vale Parkway – Change of Mileage (Quainton Road)	40	38	44	28	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD725	MCJ3	Change of Mileage (Quainton Road) – Calvert Jn (Change of Mileage)	161	50	156	72	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD725	MCJ4	Calvert Jn (Change of Mileage) – Claydon L&NE Jn	0	00	0	41	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD736	OXD	Route Boundary (GW277) –Gavray Jn	29	25	19	00	8	N	N	Y	Y	Y	Y	Y	Y	Y	
MD736	OXD	Gavray Jn – Flyover Jn (Change of ELR)	19	00	0	62	8	Y	Y	R1	Y	Y	Y	Y	Y	Y	Prohibited Newton Road Overbridge No.6 to Flyover Jn (Change of ELR)
MD736	OXD	Gates (Claydon) – Buffer Stops	12	00	1	31	8	N	N	N	N	N	N	N	N	N	Line non operational
MD736	OXD	Buffer Stops – Flyover Junction (Change of ELR)	1	27	0	62	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD736	BFO	Flyover Jn (Change of ELR) – Flyover Jn Summit	0	00	0	68	7	R1	R1	R1	R1	R1	R1	R1	R1	R1	Currently prohibited due to RA2 bridge (BFO/1b)
MD736	DHF	Flyover Junction Summit – Limit of Electrification	0	68	1	37	7	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD736	DHF	Limit of Electrification – Bletchley Flyover North Jn	1	37	1	61	7	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD736	DHF	Bletchley Flyover North Jn – Denbigh Hall South Jn	1	61	1	73	7	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD740	BFO	Flyover Jn (Summit) – Fenny Stratford Bletchley Flyover Jn	0	68	1	59	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD745	BSG	Bicester South Junction – Gavray Junction	0	00	0	52	10	N	N	Y	Y	Y	Y	Y	Y	Y	
MD801	WSJ1	Wolverhampton North Jn – Oxley, Stafford Road Jn (Change of Mileage)	143	52	142	79	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD801	WSJ2	Oxley, Stafford Road Jn (Change of Mileage) – Limit of Electrification	143	02	143	65	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD801	WSJ2	Limit of Electrification – Madeley Jn	143	65	156	19	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	

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Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	RA	08	09	20	31/1 31/6	31/4	33	37/0 37/3 37/4 37/6	37/5	37/7 37/9	Notes
MD801	WSJ2	Madeley Jn – Route Boundary (GW731) (Abbey Foregate )	156	19	170	46	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD805	OXC	Bushbury (Oxley) Jn – Stafford Road Jn	1	02	0	00	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD810	MJI1	Madeley Junction – Site of Former Lightmoor Jn	156	19	160	29	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD810	MJI2	Site of Former Lightmoor Jn – Ironbridge Power Station (NR Boundary)	156	19	160	29	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD900	ABW	Abbotswood Jn – Norton Jn	0	00	0	62	8	Y	N	Y	Y	Y	Y	Y	Y	Y	
MD900	OWW	Norton Jn – Shrub Hill Jn	117	26	120	46	8	Y	N	Y	Y	Y	Y	Y	Y	Y	
MD900	OWW	Shrub Hill Jn – Droitwich Spa Jn	120	46	126	21	8	Y	N	Y	Y	Y	Y	Y	Y	Y	
MD900	STO	Droitwich Spa Jn – Stoke Works Jn	126	21	130	25	8	Y	N	Y	Y	Y	Y	Y	Y	Y	
MD910	OWW	Pershore (excl) – Norton Jn	112	00	117	26	7	Y	N	Y	Y	Y	Y	Y	Y	Y	
MD940	WAH	Shrub Hill Jn – Henwick SB (Branch Single)	120	46	121	65	7	Y	N	Y	Y	Y	Y	Y	Y	Y	
MD940	WAH	Henwick SB – Shelwick Jn	121	65	148	11	7	Y	N	Y	Y	Y	Y	Y	Y	Y	
MD950	BLW	Worcester Tunnel Jn – Site of former Rainbow Hill Jn Change of ELR	0	30	0	00	7	Y	N	Y	Y	Y	Y	Y	Y	Y	
MD950	WAH	Site of former Rainbow Hill Jn Change of ELR – Henwick SB (Droitwich Single)	120	64	121	65	7	Y	N	Y	Y	Y	Y	Y	Y	Y	

## LNW South Route Sectional Appendix Module LNWS(S) RC

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	RA	43	47/2	47/4	47/7	56	57	Notes
MD701	NAJ1	Neasden South Jn (Change of Mileage) – Northolt Jn	6	30	0	00	7	Y	Y	Y	Y	Y	Y	
MD701	NAJ2	Northolt Jn – Princes Risborough Jn	0	00	24	50	7	Y	Y	Y	Y	Y	Y	
MD701	NAJ2	Princes Risborough Jn – Site of Former Ashendon Jn (Change of Mileage)	24	50	33	69	7	Y	Y	Y	Y	Y	Y	
MD701	NAJ3	Site of Former Ashendon Jn (Change of Mileage) – Aynho Jn	0	00	18	35	7	Y	Y	Y	Y	Y	Y	
MD705	ANL	Route Boundary (GW110) (Greenford West Jn) – Northolt Jn (South Ruislip)	8	60	10	15	8	Y	Y	Y	Y	Y	Y	
MD710	MCJ1	Neasden South Jn – Network Rail Boundary (LUL) (Harrow-on-the-Hill South Jn)	200	66	197	05	8	R1	R1	R1	R1	R1	R1	R1 Prohibited unless fitted with tripcocks or agreed operational arrangements are in place to allow the vehicle to proceed onto LUL infrastructure
MD712	MCJ2	Network Rail Boundary (LUL) (Amersham, Mantles Wood) – Aylesbury Jn	25	21	38	08	8	R1	R1	R1	R1	R1	R1	R1 Prohibited over LUL section unless fitted with tripcocks or agreed operational arrangements are in place to allow the vehicle to proceed onto LUL infrastructure
MD712	MCJ2	Aylesbury Jn – Aylesbury	38	08	38	13	8	Y	Y	Y	Y	Y	Y	
MD715	NJN	Neasden South Jn – Route Boundary (EA1360) (Neasden Jn)	6	30	6	51	8	Y	Y	Y	Y	Y	Y	
MD720	NAJ2	Princes Risborough – Change of Mileage (Princes Risborough Jn)	24	40	24	48	8	Y	Y	Y	Y	Y	Y	
MD720	PRA	Change of Mileage (Princes Risborough Jn) – Aylesbury Jn	42	31	49	35	8	Y	Y	Y	Y	Y	Y	
MD725	MCJ2	Aylesbury – Aylesbury Vale Parkway	38	13	40	38	8	Y	Y	Y	Y	Y	Y	
MD725	MCJ2	Aylesbury Vale Parkway – Change of Mileage (Quainton Road)	40	38	44	28	8	Y	Y	Y	Y	Y	Y	
MD725	MCJ3	Change of Mileage (Quainton Road) – Calvert Jn (Change of Mileage)	161	50	156	72	8	Y	Y	Y	Y	Y	Y	
MD725	MCJ4	Calvert Jn (Change of Mileage) – Claydon L&NE Jn	0	00	0	41	8	Y	Y	Y	Y	Y	Y	

## LNW South Route Sectional Appendix Module LNWS(S) RC

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	RA	43	47/2	47/4	47/7	56	57	Notes
MD736	OXD	Route Boundary (GW277) –Gavray Jn	29	25	19	00	8	Y	Y	Y	Y	Y	Y	
MD736	OXD	Buffer Stops Gavray Jn – Flyover Junction (Change of ELR)	19	00	0	62	8	Y	Y	Y	Y	Y	Y	
MD736	BFO	Flyover Junction (Change of ELR) – Flyover Junction Summit	0	00	0	68	7	R1	R1	R1	R1	R1	R1	Currently prohibited due to RA2 bridge (BFO/1b)
MD736	DHF	Flyover Junction Summit – Limit of Electrification	0	68	1	37	7	Y	Y	Y	Y	Y	Y	
MD736	DHF	Limit of Electrification – Bletchley Flyover North Jn	1	37	1	61	7	Y	Y	Y	Y	Y	Y	
MD736	DHF	Bletchley Flyover North Jn – Denbigh Hall South Jn	1	61	1	73	7	Y	Y	Y	Y	Y	Y	
MD740	BFO	Flyover Jn (Summit) – Fenny Stratford Bletchley Flyover Jn	0	68	1	59	8	Y	Y	Y	Y	Y	Y	
MD745	BSG	Bicester South Junction – Gavray Junction	0	00	0	52	10	Y	Y	Y	Y	Y	Y	
MD801	WSJ1	Wolverhampton North Jn – Oxley, Stafford Road Jn (Change of Mileage)	143	52	142	79	8	Y	Y	Y	Y	Y	Y	
MD801	WSJ2	Oxley, Stafford Road Jn (Change of Mileage) – Limit of Electrification	143	02	143	65	8	Y	Y	Y	Y	Y	Y	
MD801	WSJ2	Limit of Electrification – Madeley Jn	143	65	156	19	8	Y	Y	Y	Y	Y	Y	
MD801	WSJ2	Madeley Jn – Route Boundary (GW731) (Abbey Foregate )	156	19	170	46	8	Y	Y	Y	Y	Y	Y	
MD805	OXC	Bushbury (Oxley) Jn – Stafford Road Jn	1	02	0	00	8	Y	Y	Y	Y	Y	Y	
MD810	MJI1	Madeley Junction – Site of Former Lightmoor Jn	156	19	160	29	8	Y	Y	Y	Y	Y	Y	
MD810	MJI2	Site of Former Lightmoor Jn – Ironbridge Power Station (NR Boundary)	156	19	160	29	8	Y	Y	Y	Y	Y	Y	

## LNW South Route Sectional Appendix Module LNWS(S) RC

Line of route	ELR	Line of Route / Sector Description	0000	000	0000	0000	RA	58	59	60	66	67	68	70	73	97/3	Notes
			M	Ch	M	Ch											
MD701	MCJ1	London Marylebone – Neasden South Jn (Change of Mileage)	205	77	200	65	8	Y	Y	Y	Y	Y	Y	Y	Y	R1	R1 5mph on the Down Main line between 202m 21ch and 202m 00ch
MD701	NAJ1	Neasden South Jn (Change of Mileage) – Northolt Jn	6	30	0	00	7	Y	Y	Y	Y	Y	Y	R1	Y	Y	R1 Prohibited Down Northolt Loop between Northolt Park Jn and Northolt Jn
MD701	NAJ2	Northolt Jn – Princes Risborough Jn	0	00	24	50	7	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD701	NAJ2	Princes Risborough Jn – Site of Former Ashendon Jn (Change of Mileage)	24	50	33	69	7	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD701	NAJ3	Site of Former Ashendon Jn (Change of Mileage) – Aynho Jn	0	00	18	35	7	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD705	ANL	Route Boundary (GW110) (Greenford West Jn) – Northolt Jn (South Ruislip)	8	60	10	15	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD710	MCJ1	Neasden South Jn – Network Rail Boundary (LUL) (Harrow-on-the-Hill South Jn)	200	66	197	05	8	R1	R1 Prohibited unless fitted with tripcocks or agreed operational arrangements are in place to allow the vehicle to proceed onto LUL infrastructure								
MD712	MCJ2	Network Rail Boundary (LUL) (Amersham, Mantles Wood) – Aylesbury Jn	25	21	38	08	8	R1	R1 Prohibited over LUL section unless fitted with tripcocks or agreed operational arrangements are in place to allow the vehicle to proceed onto LUL infrastructure								
MD712	MCJ2	Aylesbury Jn – Aylesbury	38	08	38	13	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD715	NJN	Neasden South Jn – Route Boundary (EA1360) (Neasden Jn)	6	30	6	51	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD720	NAJ2	Princes Risborough – Change of Mileage (Princes Risborough Jn)	24	40	24	48	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD720	PRA	Change of Mileage (Princes Risborough Jn) – Aylesbury Jn	42	31	49	35	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD725	MCJ2	Aylesbury – Aylesbury Vale Parkway	38	13	40	38	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD725	MCJ2	Aylesbury Vale Parkway – Change of Mileage (Quainton Road)	40	38	44	28	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD725	MCJ3	Change of Mileage (Quainton Road) – Calvert Jn (Change of Mileage)	161	50	156	72	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD725	MCJ4	Calvert Jn (Change of Mileage) – Claydon L&NE Jn	0	00	0	41	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	

## LNW South Route Sectional Appendix Module LNWS(S) RC

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	RA	58	59	60	66	67	68	70	73	97/3	Notes
MD736	OXD	Route Boundary (GW277) –Gavray Jn	29	25	19	00	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD736	OXD	Gavray Jn – Flyover Jn (Change of ELR)	19	00	0	62	8	R1	R1	Y	R1	Y	R1	Y	Y	Y	R1 Prohibited Claydon to Newton Road Overbridge No.6
MD736	BFO	Flyover Jn (Change of ELR) – Flyover Jn Summit	0	00	0	68	8	R1	R1	R1	R1	N	R1	R1	R1	R1	Currently prohibited due to RA2 bridge (BFO/1b)
MD736	DHF	Flyover Junction Summit – Limit of Electrification	0	68	1	37	8	Y	Y	Y	Y	N	Y	Y	Y	Y	
MD736	DHF	Limit of Electrification – Bletchley Flyover North Jn	1	37	1	61	8	Y	Y	Y	Y	N	Y	Y	Y	Y	
MD736	DHF	Bletchley Flyover North Jn – Denbigh Hall South Jn	1	61	1	73	8	Y	Y	Y	Y	N	Y	Y	Y	Y	
MD740	BFO	Flyover Jn (Summit) – Fenny Stratford Bletchley Flyover Jn	0	68	1	59	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD745	BSG	Bicester South Junction – Gavray Junction	0	00	0	52	10	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD801	WSJ1	Wolverhampton North Jn – Oxley, Stafford Road Jn (Change of Mileage)	143	52	142	79	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD801	WSJ2	Oxley, Stafford Road Jn (Change of Mileage) – Limit of Electrification	143	02	143	65	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD801	WSJ2	Limit of Electrification – Madeley Jn	143	65	156	19	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD801	WSJ2	Madeley Jn – Route Boundary (GW731) (Abbey Foregate )	156	19	170	46	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD805	OXC	Bushbury (Oxley) Jn – Stafford Road Jn	1	02	0	00	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD810	MJ11	Madeley Junction – Site of Former Lightmoor Jn	156	19	160	29	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
MD810	MJ12	Site of Former Lightmoor Jn – Ironbridge Power Station (NR Boundary)	156	19	160	29	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	

## LNW South Route Sectional Appendix Module LNWS(S) RC

Line of route	ELR	Line of Route / Sector Description					RA	86	87	88	90	91	92	Notes
			M	Ch	M	Ch								
MD580	LEL	Lifford East Jn – Lifford West Jn	46	11	46	36	8	N	N	Y	N	N	N	
MD701	MCJ1	London Marylebone – Neasden South Jn (Change of Mileage)	205	77	200	65	8	N	N	Y	N	N	N	
MD701	NAJ1	Neasden South Jn (Change of Mileage) – Northolt Jn	6	30	0	00	7	N	N	Y	N	N	N	
MD701	NAJ2	Northolt Jn – Princes Risborough Jn	0	00	24	50	7	N	N	Y	N	N	N	
MD701	NAJ2	Princes Risborough Jn – Site of Former Ashendon Jn (Change of Mileage)	24	50	33	69	7	N	N	Y	N	N	N	
MD701	NAJ3	Site of Former Ashendon Jn (Change of Mileage) – Aynho Jn	0	00	18	35	7	N	N	Y	N	N	N	
MD705	ANL	Route Boundary (GW110) (Greenford West Jn) – Northolt Jn (South Ruislip)	8	60	10	15	8	N	N	Y	N	N	N	
MD710	MCJ1	Neasden South Jn – Network Rail Boundary (LUL) (Harrow-on-the-Hill South Jn)	200	66	197	05	8	N	N	Y	N	N	N	
MD712	MCJ2	Network Rail Boundary (LUL) (Amersham, Mantles Wood) – Aylesbury Jn	25	21	38	08	8	N	N	Y	N	N	N	
MD712	MCJ2	Aylesbury Jn - Aylesbury	38	08	38	13	8	N	N	Y	N	N	N	
MD715	NJN	Neasden South Jn – Route Boundary (EA1360) (Neasden Jn)	6	30	6	51	8	N	N	Y	N	N	N	
MD720	NAJ2	Princes Risborough – Change of Mileage (Princes Risborough Jn)	24	40	24	48	8	N	N	Y	N	N	N	
MD720	PRA	Change of Mileage (Princes Risborough Jn) – Aylesbury Jn	42	31	49	35	8	N	N	Y	N	N	N	
MD725	MCJ2	Aylesbury – Aylesbury Vale Parkway	38	13	40	38	8	N	N	R1	N	N	N	R1 Prohibited Aylesbury North Goods Loop
MD725	MCJ2	Aylesbury Vale Parkway – Change of Mileage (Quanton Road)	40	38	44	28	8	N	N	Y	N	N	N	
MD725	MCJ3	Change of Mileage (Quanton Road) – Calvert Jn (Change of Mileage)	161	50	156	72	8	N	N	Y	N	N	N	
MD725	MCJ4	Calvert Jn (Change of Mileage) – Claydon L&NE Jn	0	00	0	41	8	N	N	Y	N	N	N	

## LNW South Route Sectional Appendix Module LNWS) RC

Line of route	ELR	Line of Route / Sector Description	0000	0000	0000	0000	RA	86	87	88	90	91	92	Notes
			M	Ch	M	Ch								
MD736	OXD	Route Boundary (GW277) –Gavray Jn	29	25	19	00	8	N	N	Y	N	N	N	
MD736	OXD	Gavray Jn – Flyover Jn (Change of ELR)	19	00	0	62	8	EH	N	Y	N	N	N	
MD736	BFO	Flyover Jn (Change of ELR) – Flyover Jn Summit	0	00	0	68	7	N	N	R1	N	N	N	Currently prohibited due to RA2 bridge (BFO/1b)
MD736	DHF	Flyover Junction Summit – Limit of Electrification	0	68	1	37	7	N	N	Y	N	N	N	
MD736	DHF	Limit of Electrification – Bletchley Flyover North Jn	1	37	1	61	7	N	N	Y	N	N	N	
MD736	DHF	Bletchley Flyover North Jn – Denbigh Hall South Jn	1	61	1	73	7	N	N	Y	N	N	N	
MD740	BFO	Flyover Jn (Summit) – Fenny Stratford Bletchley Flyover Jn	0	68	1	59	8	N	N	Y	N	N	N	
MD745	BSG	Bicester South Junction – Gavray Junction	0	00	0	52	-	N	N	Y	N	N	N	
MD801	WSJ1	Wolverhampton North Jn – Oxley, Stafford Road Jn (Change of Mileage)	143	52	142	79	8	Y	Y	Y	Y	N	N	
MD801	WSJ2	Oxley, Stafford Road Jn (Change of Mileage) – Limit of Electrification	143	02	143	65	8	Y	Y	Y	Y	N	N	
MD801	WSJ2	Limit of Electrification – Madeley Jn	143	65	156	19	8	H R1	H R1	Y	H R1	N	N	R1 Prohibited between Oxley and Cosford (Bridge No.359 at 145m 65ch – Bilbrook station) on Down Wellington line, but permitted over the Up Wellington line in both directions, under Single Line Working arrangements over the Up Wellington line for Down direction movements.
MD801	WSJ2	Madeley Jn – Route Boundary (GW731) (Abbey Foregate )	156	19	170	46	8	H R1	H R1	Y	H R1	N	N	R1 20 mph over Bridge No.415 between Wellington and Allscott GF at 163m 70ch in the down direction
MD805	OXC	Bushbury (Oxley) Jn – Stafford Road Jn	1	02	0	00	8	H	H	Y	H	N	N	
MD810	MJI1	Madeley Junction – Site of Former Lightmoor Jn	156	19	160	29	8	N	N	Y	N	N	N	
MD810	MJI2	Site of Former Lightmoor Jn – Ironbridge Power Station (NR Boundary)	156	19	160	29	8	N	N	Y	N	N	N	

## LNW South Route Sectional Appendix Module LNWS(S) RC

Line of route	Line of Route / Sector Description						Notes	
		W6A	W7	W8	W9	W10		
MD735	Denbigh Hall South – Swanbourne Sidings	Y	Y	Y	N	N		
MD735	Claydon L&NE Jn – Bicester	Y	Y	Y	N	N		
MD736	Route Boundary (GW277) –Gavray Jn	Y	Y	Y	Y	Y		
MD736	Gavray Jn – Flyover Jn (Change of ELR)	R1	R1	R1	R1	R1	R1	Prohibited Newton Road Overbridge No.6 to Flyover Jn (Change of ELR)
MD736	Flyover Jn (Change of ELR) – Flyover Jn Summit	N	N	N	N	N		
MD736	Flyover Jn Summit – Limit of Electrification	N	N	N	N	N		
MD736	Limit of Electrification – Bletchley Flyover North Jn	N	N	N	N	N		
MD736	Bletchley Flyover North Jn – Denbigh Hall South Jn	N	N	N	N	N		
MD740	Flyover Jn (Summit) – Fenny Stratford Bletchley Flyover Jn	Y	Y	Y	N	N		
MD745	Bicester South Jn – Gavray Jn	Y	Y	Y	Y	Y		
MD801	Wolverhampton North Jn – Donnington Jn	Y	N	N	N	N		
MD801	Donnington Jn – Abbey Foregate (Exclusive) (170m 46ch)	Y	Y	S1	N	N	S1	The following combinations are permitted  up to: 2591(h) x 2500(w) on <b>FCA/FYA, KFA</b> wagons 2595(h) x 2500(w) on <b>FKA, IKA</b> wagons  <b>15mph UP Line</b> Bridge WSJ2-405( 161m 15ch)
MD801	Donnington Jn – Donnington (T&WDC Boundary)	Y	Y	Y	N	N		

## LNW South Route Sectional Appendix Module LNWS(S) RC

Line of route	Line of Route / Sector Description	GAUGE					Notes	
		W6A	W7	W8	W9	W10		
MD805	Bushbury (Oxley) Jn – Stafford Road Jn	Y	Y	Y	N	N		
MD810	Madeley Jn – Ironbridge e-on Power Station	Y	N	N	N	N		
MD900	Abbotswood Jn – Stoke Works Jn via Worcester Shrub Hill	Y	Y	Y	Y	Y		
MD910	Pershore (excl) – Norton Jn	Y *	Y	Y	Y	N		
MD940	Worcester Shrub Hill – Shelwick Jn	S1 *	N	N	N	N	S1	Freight vehicles conforming to the W6a profile are permitted, <b>EXCEPT IFA-S IFA-U</b> wagons
MD950	Worcester Tunnel Jn – Henwick	Y	N	N	N	N		

## LNW South Route Sectional Appendix Module LNWS(S) RC

Line of route	ELR	Line of Route / Sector Description	oo	oo	oo	oo	RA	Loco Gauge	LG2	Notes
			M	Ch	M	Ch				
MD460	SJT1	Kineton MOD Branch – Burton Dassett (MOD Kineton)	22	60	25	60	8	Y	Y	
MD501	DBP1	Route Boundary (LN3501) (London Road Jn) – Kingsbury Jn	23	30	29	39	8	Y	Y	
MD501	DBP2	Kingsbury Jn – Water Orton East Jn	29	39	33	22	8	Y	Y	
MD501	DBP3	Water Orton East Jn (Change of Mileage) – Landor Street Jn	34	43	40	60	8	Y	Y	
MD501	DBP3	Landor Street Jn – Proof House Jn	40	60	41	51	8	Y	Y	
MD545	KJW	Kingsbury Jn – Whitacre Jn (Change of Mileage)	29	39	31	69	8	Y	Y	
MD555	NWO	Nuneaton North Junction – Limit of Electrification	10	18	10	00	8	Y	Y	
MD555	NWO	Limit of Electrification – Whitacre West Jn	10	00	0	00	8	Y	Y	
MD555	DBP3	Whitacre West Jn – Water Orton East Jn	31	69	34	43	8	Y	Y	
MD560	WOP	Water Orton West Jn – Park Lane Change of ELR	35	15	36	04	8	Y	Y	
MD560	CBR2	Park Lane Change of ELR – Park Lane Jn	36	04	36	15	8	Y	Y	
MD565	CBR1	Castle Bromwich Jn – Park Lane Jn	0	55	0	00	8	Y	Y	
MD565	CBR2	Park Lane Jn – Ryecroft Jn	36	04	47	48	8	Y	Y	
MD570	LSS	Landor Street Jn – St Andrews Jn	40	60	41	18	8	Y	Y	
MD570	SKN	St Andrews Jn – Bordesley Jn	41	18	41	44	8	Y	Y	
MD570	SKN	Bordesley Jn – Kings Norton Jn (Camp Hill Lines)	41	44	46	77	8	R1	N	R1 Prohibited between Bordesley Jn and Lifford East Jn Up Camp Hill line
MD575	SAG	St Andrews Jn – Grand Jn	0	00	0	52	8	Y	Y	
MD580	LEL	Lifford East Jn – Lifford West Jn	46	11	46	36	8	Y	Y	
MD701	MCJ1	London Marylebone – Neasden South Jn (Change of Mileage)	205	77	200	65	8	Y	N	
MD701	NAJ1	Neasden South Jn (Change of Mileage) – Northolt Jn	6	30	0	00	7	R1	R1	R1 Prohibited between Northolt Park Jn and Northolt Jn Down Northolt Loop line
MD701	NAJ2	Northolt Jn – Princes Risborough Jn	0	00	24	50	7	Y	R1 R2	R1 Prohibited High Wycombe platform 1 R2 Prohibited High Wycombe Up platform

## LNW South Route Sectional Appendix Module LNWS(S) RC

Line of route	ELR	Line of Route / Sector Description	00	00	00	00	RA	Loco Gauge	LG2	Notes
			M	Ch	M	Ch				
MD701	NAJ2	Princes Risborough Jn – Site of Former Ashendon Jn (Change of Mileage)	24	50	33	69	7	Y	Y	
MD701	NAJ3	Site of Former Ashendon Jn (Change of Mileage) – Aynho Jn	0	00	18	35	7	Y	Y	
MD705	ANL	Route Boundary (GW110) (Greenford West Jn) – Northolt Jn (South Ruislip)	8	60	10	15	8	Y	Y	
MD710	MCJ1	Neasden South Jn – Network Rail Boundary (LUL) (Harrow-on-the-Hill South Jn)	200	66	197	05	8	Y	N	
MD712	MCJ2	Network Rail Boundary (LUL) (Amersham, Mantles Wood) – Aylesbury Jn	25	21	38	08	8	Y	R1	R1 Prohibited Wendover Up platform
MD712	MCJ2	Aylesbury Jn – Aylesbury	38	08	38	13	8	Y	R1	R1 Prohibited Aylesbury Down platform
MD715	NJN	Neasden South Jn – Route Boundary (EA1360) (Neasden Jn)	6	30	6	51	8	Y	Y	
MD720	NAJ2	Princes Risborough – Change of Mileage (Princes Risborough Jn)	24	40	24	48	8	Y		
MD720	PRA	Change of Mileage (Princes Risborough Jn) – Aylesbury Jn	42	31	49	35	8	Y	Y	
MD725	MCJ2	Aylesbury – Aylesbury Vale Parkway	38	13	40	38	8	Y	Y	
MD725	MCJ2	Aylesbury Vale Parkway – Change of Mileage (Quainton Road)	40	38	44	28	8	Y	Y	
MD725	MCJ3	Change of Mileage (Quainton Road) – Calvert Jn (Change of Mileage)	161	50	156	72	8	Y	Y	
MD725	MCJ4	Calvert Jn (Change of Mileage) – Claydon L&NE Jn	0	00	0	41	8	Y	Y	
MD736	OXD	Route Boundary (GW277) – Gavray Jn	29	25	19	00	8	N	N	
MD736	OXD	Gavray Jn – Flyover Jn (Change of ELR)	19	00	0	62	8	Y	N	
MD736	BFO	Flyover Jn (Change of ELR) – Flyover Jn Summit	0	00	0	68	7	Y	Y	

## LNW South Route Sectional Appendix Module LNWS(S) RC

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W7A	W8A	W9A	W10A	W12	
MD701	NAJ2	Northolt Jn – Princes Risborough Jn	0	00	24	50	Y	N	N	N	N	
MD701	NAJ2	Princes Risborough Jn – Site of Former Ashendon Jn (Change of Mileage)	24	50	33	69	Y	N	N	N	N	
MD701	NAJ3	Site of Former Ashendon Jn (Change of Mileage) – Aynho Jn	0	00	18	35	N	N	N	N	N	
MD705	ANL	Route Boundary (GW110) (Greenford West Jn) – Northolt Jn (South Ruislip)	8	60	10	15	Y	Y	Y	Y	N	
MD710	MCJ1	Neasden South Jn – Network Rail Boundary (LUL) (Harrow-on-the-Hill South Jn)	200	66	197	05	N	N	N	N	N	
MD712	MCJ2	Network Rail Boundary (LUL) (Amersham, Mantles Wood) – Aylesbury Jn	25	21	38	08	N	N	N	N	N	
MD712	MCJ2	Aylesbury Jn – Aylesbury	38	08	38	13	N	N	N	N	N	
MD715	NJN	Neasden South Jn – Route Boundary (EA1360) (Neasden Jn)	6	30	6	51	Y	Y	Y	Y	N	
MD720	NAJ2	Princes Risborough – Change of Mileage (Princes Risborough Jn)	24	40	24	48	Y	N	N	N	N	
MD720	PRA	Change of Mileage (Princes Risborough Jn) – Aylesbury Jn	42	31	49	35	Y	Y	Y	Y	N	
MD725	MCJ2	Aylesbury – Aylesbury Vale Parkway	38	13	40	38	N	N	N	N	N	
MD725	MCJ2	Aylesbury Vale Parkway – Change of Mileage (Quainton Road)	40	38	44	28	N	N	N	N	N	
MD725	MCJ3	Change of Mileage (Quainton Road) – Calvert Jn (Change of Mileage)	161	50	156	72	Y	Y	N	N	N	

## LNW South Route Sectional Appendix Module LNWS(S) RC

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W7A	W8A	W9A	W10A	W12	
MD725	MCJ4	Calvert Jn (Change of Mileage) – Claydon L&NE Jn	0	00	0	41	Y	Y	N	N	N	
MD736	OXD	Route Boundary (GW277) – Gavray Jn	29	25	19	00	Y	Y	Y	Y	Y	
MD736	OXD	Gavray Jn – Flyover Jn (Change of ELR)	19	00	0	62	Y	Y	Y	Y	Y	
MD736	BFO	Flyover Jn (Change of ELR) – Flyover Jn Summit	0	00	0	68	Y	Y	Y	Y	Y	
MD736	DHF	Flyover Junction Summit – Limit of Electrification	0	68	1	37	Y	Y	Y	Y	Y	
MD736	DHF	Limit of Electrification – Bletchley Flyover North Jn	1	37	1	61	Y	Y	Y	Y	Y	
MD736	DHF	Bletchley Flyover North Jn – Denbigh Hall South Jn	1	61	1	73	Y	Y	Y	Y	Y	
MD740	BFO	Flyover Jn (Summit) – Fenny Stratford Bletchley Flyover Jn	0	68	1	59	Y	Y	Y	Y	Y	
MD745	BSG	Bicester South Junction – Gavray Junction	0	00	0	52	Y	Y	Y	Y	Y	
MD801	WSJ1	Wolverhampton North Jn – Oxley, Stafford Road Jn (Change of Mileage)	143	52	142	79	Y	Y	Y	Y	N	
MD801	WSJ2	Oxley, Stafford Road Jn (Change of Mileage) – Limit of Electrification	143	02	143	65	N	N	N	N	N	
MD801	WSJ2	Limit of Electrification – Madeley Jn	143	65	156	19	N	N	N	N	N	
MD801	WSJ2	Madeley Jn – Route Boundary (GW731) (Abbey Foregate)	156	19	170	46	N	N	N	N	N	
MD805	OXC	Bushbury (Oxley) Jn – Stafford Road Jn	1	02	0	00	Y	Y	Y	R1	N	R1 Prohibited between Bushbury Jn and Oxley Jn Up line

## LNW South Route Sectional Appendix Module LNWS(S) RC

Line Of Route	ELR	Line Of route / Sector Description	M	CH	M	CH	Passenger Gauge 1 (PG1)	Passenger Gauge 2 (PG2)	Lower Sector Vehicle Gauge (LSVG)	Notes
MD710	MCJ1	Neasden South Jn – Network Rail Boundary (LUL) (Harrow-on-the-Hill South Jn)	200	66	197	05	Y	Y	Y	
MD712	MCJ2	Network Rail Boundary (LUL) (Amersham, Mantles Wood) – Aylesbury Jn	25	21	38	08	Y	Y	Y	
MD712	MCJ2	Aylesbury Jn – Aylesbury	38	08	38	13	Y	Y	R1	R1 Prohibited Aylesbury Up Main platofrm
MD715	NJN	Neasden South Jn – Route Boundary (EA1360) (Neasden Jn)	6	30	6	51	Y	Y	Y	
MD720	NAJ2	Princes Risborough – Change of Mileage (Princes Risborough Jn)	24	40	24	48	Y	Y	N	
MD720	PRA	Change of Mileage (Princes Risborough Jn) – Aylesbury Jn	42	31	49	35	Y	Y	Y	
MD725	MCJ2	Aylesbury – Aylesbury Vale Parkway	38	13	40	38	Y	Y	Y	
MD725	MCJ2	Aylesbury Vale Parkway – Change of Mileage (Quainton Road)	40	38	44	28	Y	Y	Y	
MD725	MCJ3	Change of Mileage (Quainton Road) – Calvert Jn (Change of Mileage)	161	50	156	72	Y	Y	Y	
MD725	MCJ4	Calvert Jn (Change of Mileage) – Claydon L&NE Jn	0	00	0	41	Y	Y	Y	
MD736	OXD	Route Boundary (GW277) –Gavray Jn	29	25	19	00	N	N	Y	
MD736	OXD	Gavray Jn – Flyover Jn (Change of ELR)	19	00	0	62	N	N	Y	
MD736	BFO	Flyover Jn (Change of ELR) – Flyover Jn Summit	0	00	0	68	Y	Y	Y	
MD736	DHF	Flyover Jn Summit – Limit of Electrification	0	68	1	37	Y	Y	Y	
MD736	DHF	Limit of Electrification – Bletchley Flyover North Jn	1	37	1	61	Y	Y	Y	

## LNW South Route Sectional Appendix Module LNWS(S) RC

Line Of Route	ELR	Line Of route / Sector Description	M	CH	M	CH	Passenger Gauge 1 (PG1)	Passenger Gauge 2 (PG2)	Lower Sector Vehicle Gauge (LSVG)	Notes
MD736	DHF	Bletchley Flyover North Jn – Denbigh Hall South Jn	1	61	1	73	Y	Y	Y	
MD740	BFO	Flyover Jn (Summit) – Fenny Stratford Bletchley Flyover Jn	0	68	1	59	Y	Y	Y	
MD745	BSG	Bicester South Junction – Gavray Junction	0	00	0	52	Y	Y	Y	
MD801	WSJ1	Wolverhampton North Jn – Oxley, Stafford Road Jn (Change of Mileage)	143	52	142	79	Y	Y	Y	
MD801	WSJ2	Oxley, Stafford Road Jn (Change of Mileage) – Limit of Electrification	143	02	143	65	Y	Y	N	
MD801	WSJ2	Limit of Electrification – Madeley Jn	143	65	156	19	Y	Y	N	
MD801	WSJ2	Madeley Jn – Route Boundary (GW731) (Abbey Foregate)	156	19	170	46	R1	Y	N	R1 Prohibited Oakengates Tunnel Down Wellington line
MD805	OXC	Bushbury (Oxley) Jn – Stafford Road Jn	1	02	0	00	Y	Y	Y	
MD810	MJI1	Madeley Junction – Site of Former Lightmoor Jn	156	19	160	29	N	N	Y	
MD810	MJI2	Site of Former Lightmoor Jn – Ironbridge Power Station (NR Boundary)	156	19	160	29	N	N	Y	
MD900	ABW	Abbotswood Jn – Norton Jn	0	00	0	62	Y	Y	Y	
MD900	OWW	Norton Jn – Shrub Hill Jn	117	26	120	46	Y	Y	Y	
MD900	OWW	Shrub Hill Jn – Droitwich Spa Jn	120	46	126	21	Y	Y	Y	
MD900	STO	Droitwich Spa Jn – Stoke Works Jn	126	21	130	25	Y	Y	Y	
MD910	OWW	Pershore (excl) – Norton Jn	112	00	117	26	Y	Y	Y	
MD940	WAH	Shrub Hill Jn – Henwick SB (Branch Single)	120	46	121	65	N	N	Y	
MD940	WAH	Henwick SB – Shelwick Jn	121	65	148	11	N	N	Y	
MD950	BLW	Worcester Tunnel Jn – Site of former Rainbow Hill Jn Change of ELR	0	30	0	00	Y	Y	Y	
MD950	WAH	Site of former Rainbow Hill Jn Change of ELR – Henwick SB (Droitwich Single)	120	64	121	65	N	N	Y	