

NETWORK RAIL

London North

Western North Route

LNW(N)

Week No.

37

PERIODICAL OPERATING NOTICE

CONTAINING

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

INCORPORATING

SUPPLEMENT NO. 69 TO THE LNW(N) ROUTE
SECTIONAL APPENDIX

SATURDAY 07 DECEMBER 2024
to
FRIDAY 28 FEBRUARY 2025
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 30 pages

For queries regarding the content of this publication contact:
PlanningPublications@networkrail.co.uk

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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. 69 to the LNW(N) Route Sectional Appendix effective from Saturday 07 December 2024 to Friday 28 February 2025

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. 69 and is dated 07 December 2024. 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**

**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 LNWN 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

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

E-mail:

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

1. Part A - Foreword

2. 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.

3. 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.

4. A3 Implementation

The publication date of this document is **07 December 2024**.

5. 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/>.

6. 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.

7. Part B - Changes since previous issue

Amendment No	Publication and section
Part C - New amendments to National Operations Publications	
01/24	GERT8000-HB9, issue 8, IWA or COSS setting up safe systems of work within possessions, sections 3.3 to 3.5.
02/24	GERT8000-TS1, issue 18.1, General signalling regulations, regulation 12.1.
03/24	Handbook RS524, List of Dangerous Goods and their United Nations numbers, issue 1, table 1.
Amendment No	Publication and section
Part D - Previous amendments to National Operations Publications	
04/23	GERT8000-T3 Possession of a running line for engineering work, issue 11, section 9.1. This amendment is not carried forward as it has been published in the Rule Book.
02/22	Various modules and handbooks. Amendments to Rule Book modules TS9 and TW8 have not been carried forward as they have been published in the Rule Book.

8. Part C - New amendments to National Operations Publications

GERT8000 Rule Book

Handbook 9 IWA or COSS setting up safe systems of work within possessions

Explanation of change

As a result of the reissue of Handbooks 6 and 7 the cross-references to those handbooks have now been changed. Sections 3.3, 3.4 and 3.5 are amended as shown below to include the new cross-references. There are no changes to any other part of section 3.

3.3 Safe system of work where all lines are blocked (safeguarded)

Before you can treat your safe system of work as safeguarded, you must agree with the ES or SWL that:

- there will be no train or OTP movements at your site of work, or
- if there are train or OTP movements at your site of work, they will be made at no greater than 5 mph (10 km/h).

You must make sure that any other line at your site of work that is not inside the work site is blocked as shown in section 4.2 of handbook 6 or 4.3 of handbook 7.

3.4 Safe system of work using a safety barrier (fenced)

Before you can treat your safe system of work as fenced, there must be a safety barrier as described in section 3.3 of handbook 6 or section 6.5 of handbook 7 between your site of work and any open line.

You must also:

- reach a clear understanding with the ES or SWL that there will be no train or OTP movements at your site of work, or
- if there are train or OTP movements at your site of work, they will be made at no greater than 5 mph (10 km/h).

3.5 Safe system of work (separated)

Before you can treat your safe system of work as separated, you must carry out the instructions shown in section 6.6 of handbook 7 for any adjacent open line.

You must also:

- reach a clear understanding with the ES or SWL that there will be no train or OTP movements at your site of work, or
- if there are train or OTP movements at your site of work, they will be made at no greater than 5 mph (10 km/h).

A person acting as an IWA cannot use a site warden as part of this safe system of work.

GERT8000 Rule Book

Module TS1 General signalling regulations

Explanation of change

The module published in September 2024 incorrectly included a change to regulation 12.1 which it was finally decided would not be progressed. The wording of this regulation will now revert to that previously published, as shown below. There are no changes to any other part of regulation 12.

12.1 When this general signalling regulation must be used

You must carry out this regulation if you are told that a train cannot be signalled normally because a track circuit actuator (TCA) on the train has become defective.

You must pass on the details to the next signaller who is to signal that train.

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	Trifluoromethylte-trazole-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	I

9. Part D - Previous amendments to National Operations Publications

GERT8000 Rule Book

Handbook RS524 List of Dangerous Goods and their United Nations numbers

Table 1

Explanation of change

The 2023 RID regulations include a number of changes to the details of UN numbers which are as shown below.

Delete: the following which ceased to be valid after 30th 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

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 or in the Rule Book App.

Rule Book module or handbook	Section or regulation	Amendment
G1 General safety responsibilities and personal track safety for non-track workers	5.3 5.6	Amend 'pilotman' to 'pilot'
T3 ERTMS Possession of an ERTMS running line for engineering work where lineside signals are not provided.	7.2	Amend 'pilotman' to 'pilot'
TS3 Absolute block regulations	9.1 9.2.2 9.2.4 9.5	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 5 Handsignalling duties	4 6.1	Amend 'pilotman' to 'pilot'

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 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'

Handbook RS523 GSM-R Handbook

8 Broadcast calls

Explanation of change

A GSM-R acknowledged safety broadcast can now be used by a signaller to inform drivers that a warning board or speed indicator for a temporary speed restriction is missing or obscured. Section 8.4 has been amended to include this. (This addition was first published in the December 2017 Periodical Operating Notice).

The '**Poor rail conditions**' section has now been changed to refer to 'reportable' railhead conditions to match the changes that have been made in Rule Book module TW1 'Preparation and movement of trains' to describe rail conditions.

Poor rail conditions

"This is a safety broadcast from the signaller at _____. There are reportable railhead conditions at/on* the approach to _____. Only acknowledge if you have fully understood this message. To acknowledge, press the **ST** button. End of safety broadcast."

*Delete as appropriate.

Animals on or near the line

"This is a safety broadcast from the signaller at _____. There are animals on or near the line at/between* _____ and* _____, proceed at caution. Only acknowledge if you have fully understood this message. To acknowledge, press the **ST** button. End of safety broadcast."

*Delete as appropriate.

Defective Emergency Indicators

"This is a safety broadcast from the signaller at _____. There is a defective emergency indicator for a _____ mph emergency speed restriction at _____. Only acknowledge if you have fully understood this message. To acknowledge, press the **ST** button. End of safety broadcast."

Missing or obscured TSR board

"This is a safety broadcast from the signaller at _____. There is a missing/obscured* warning board or speed indicator* for the _____ mph temporary speed restriction at _____. Only acknowledge if you have fully understood this message. To acknowledge, press the **ST** button. End of safety broadcast."

*Delete as appropriate

** Insert name or location.

Note: If more than one TSR board is missing or obscured for a speed restriction then a GSM-R berth-triggered broadcast message cannot be used for this purpose.

Unusual events

"This is a safety broadcast from the signaller at _____. * _____. Only acknowledge if you have fully understood this message. To acknowledge, press the **ST** button. End of safety broadcast."

*Insert details of the incident, location and any speed restriction in the main body of the broadcast.

Note: unusual events can include overcrowding on station platforms. The location of the event must be easily identifiable by the signaller and the driver.

10. Part E - Amendments summary

GERT8000 Rule Book

Module, Issue and Section amended	Number	Published
Handbook RS523 GSM-R Handbook, Issue 1, Section 8.4	02/18	June 2018
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
GERT8000-HB9, issue 8, IWA or COSS setting up safe systems of work within possessions, sections 3.3 to 3.5	01/24	December 2024
GERT8000-TS1, issue 18, General signalling regulations, regulation 12.1	02/24	December 2024
Handbook RS524 List of Dangerous Goods and their United Nations numbers, issue 1, table 1	03/24	December 2024

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Work Instructions For D.C. Electrified Lines in the Liverpool Area (Nr/Wi/Elp/27051) (Dated June 2007)

Contents page 8 (Section F)

In sub-heading 21 **delete** reference to 'Rule book module TS2 regulation 9.2' and **substitute** 'Rule Book Module TS1, General Signalling Regulation 20.2'.

Section F

Page 92

20 Underground axle counter sections

In Clause 20.1 **delete** reference to 'Rule Book module TS2 Regulation 9' and **substitute** 'Rule Book Module TS1, General Signalling Regulation 20'.

Page 93

In sub-heading 21 **delete** reference to 'Rule book module TS2 regulation 9.2' and **substitute** 'Rule Book Module TS1, General Signalling Regulation 20.2'.

In Clause 21.1 **delete** reference to 'rule book module TS2 Regulation 9.4' and **substitute** 'Rule Book Module TS1, General Signalling Regulation 20.6'.

Miscellaneous Instructions

LNW (NORTH) CONTACT DETAILS

The following numbers may be used to contact Network Rail Operations Controls in the area covered by the LNW North publications.

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 – Manchester	74 3076 02
Route Control – West Coast South	74 3061 02

TITLE	INTERNAL DIAL		EXTERNAL DIAL	
	Telephone	Fax	Telephone	Fax
Current Operations Manager	085 51343		033 085 51343	
North West Route Control – Route Control Manager	085 51300	085 58065	033 085 51300	033 085 58065
Emergency Line	085 51301		033 085 51301	
	085 51366		033 085 51366	
Train Running Controller – Manchester	085 51302	085 58065	033 085 51302	033 085 58065
Train Running Controller – Liverpool	085 51303	085 58065	033 085 51303	033 085 58065
Train Running Controller – Lancashire & Cumbria	085 51318	085 58065	033 085 51318	033 085 58065
Incident Controller – Manchester	085 51304	085 58065	033 085 51304	033 085 58065
Incident Support Controller – Manchester	085 51470	085 58065	033 085 51470	033 085 58065
Incident Controller – Liverpool	085 51308	085 58065	033 085 51308	033 085 58065
Incident Controller – Preston	085 51312	085 58065	033 085 51312	033 085 58065
VSTP Controller	085 51316	085 58065	033 085 51316	033 085 58065
Train Delay Contributor – Liverpool and North Wales	085 51320	085 51336	033 085 51320	033 085 51336
Train Delay Contributor – Manchester North	085 51322	085 51340	033 085 51322	033 085 51340
Train Delay Contributor – Manchester South	085 51319	085 51338	033 085 51319	033 085 51338
Train Delay Contributor – West Coast North	085 51321	085 51336	033 085 51321	033 085 51336
Train Delay Contributor – Sandhills	052 2000	085 58224	0151 702 2000	033 085 58224
Sandhills Shift Signaller Supervisor (Fault Control)	052 2001	085 58224	0151 702 2001	033 085 58224
Sandhills Electrical Control Room Operator	085 52101	085 58602	033 085 52101	033 085 58602

TITLE	EMAIL ADDRESS
North West Route Control – Route Control Manager	Rcm1.lnwcontrolnorth@networkrail.co.uk
Train Running Controllers	ManchesterTRC@networkrail.co.uk
Incident Controller – Manchester	Mic.lnwcontrolnorth@networkrail.co.uk
Incident Support Controller – Manchester	isc.lnwn@networkrail.co.uk
Incident Controller – Liverpool	Lic.lnwcontrolnorth@networkrail.co.uk
Incident Controller – Preston	Pic.lnwcontrolnorth@networkrail.co.uk
VSTP Controller	Vstp.lnwcontrolnorth@networkrail.co.uk
Train Delay Contributor – Liverpool and North Wales	Trustliverpool.lnwcontrolnorth@networkrail.co.uk
Train Delay Contributor – Manchester North	Trustmanchesternorth.lnwcontrolnorth@networkrail.co.uk
Train Delay Contributor – Manchester South	Trustmanchestersouth.lnwcontrolnorth@networkrail.co.uk
Train Delay Contributor – West Coast North	Trustwestcoastnorth.lnwcontrolnorth@networkrail.co.uk
Train Delay Contributor – Sandhills	Sandhills.APC@networkrail.co.uk
Sandhills Electrical Control Room Operator	elecctrl@networkrail.co.uk

(Item continues on next page)

LNWN ROUTE PERIODICAL OPERATING NOTICE– 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'

<u>SIGNAL BOX / PANEL / WORKSTATION</u>	<u>Internal telephone number</u>	<u>External telephone number</u>	<u>SIGNAL PREFIX</u>	<u>GSM -R</u>
Appleby North SB	085 29811	033 085 29811	AN	74 6441 01
Arnside SB	085 31836	033 085 31836	AE	74 6494 01
Arpley Junction SB	085 29765	033 085 29765	AJ	74 3559 01
Askam SB	085 31831	033 085 31831	AM	74 6476 01
Astley SB	085 29728	033 085 29728	AY	74 3531 01
Bamber Bridge Station GF	085 63322	033 085 63322	-	-
Bangor SB	085 86666	033 085 86666	BR	74 5353 01
Barrow-in-Furness SB	085 31824	033 085 31824	BF	74 6478 01
Basford Hall Junction SB	085 57803	033 085 57803	BH	74 3506 01
Beeston Castle & Tarporley SB	085 53247	033 085 53247	BC	74 6401 01
Blea Moor SB	085 30511	033 085 30511	BM	74 6438 01
Bootle SB	085 31849	033 085 31849	BE	74 6482 01
Bransty SB	085 53359	033 085 53359	BY	74 6486 01
Bromley Cross LC	085 20201	033 085 20201	-	-
Burneside Higher LC	085 53275	033 085 53275	-	-
Burscough Bridge Junction SB	085 58491	033 085 58491	BB	74 3541 01
Buxton SB	085 29242	033 085 29242	BN	74 7147 01
Carlisle PSB Shift Signaller Manager	085 86271 085 87279 085 86267 085 86566	033 085 86271 033 085 87279 033 085 86267	-	74 6448 01
Carlisle PSB – South Panel <i>(Carnforth North Jn to Wreay; Oxenholme to Windermere)</i>	085 86268	033 085 86268	CE	74 6447 01
Carlisle PSB – Middle Panel <i>(Wreay to Caldew Jn; Wigton to Carlisle)</i>	085 86269	033 085 86269	CE	74 6446 01
Carlisle PSB – North Panel <i>(Caldew Jn to Cranberry / Annan; Kingmoor Complex)</i>	085 87280	033 085 87280	CE	74 6445 01
Carnforth Station Junction SB	085 53398	033 085 53398	CS	74 6449 01
Castleton East Junction SB	085 53054	033 085 53054	CE	74 6428 01
Chapel-en-le-Frith SB	085 29246	033 085 29246	CH	74 7146 01
Chester PSB – Chester Panel	085 53205	033 085 53205	CR	74 6402 01
Chester PSB – Hooton Panel	085 53213	033 085 53213	HN	74 6461 01
Chinley SB	085 29235	033 085 29235	CY	74 7141 01
Crewe SCC – North Panel	085 57809	033 085 57809	CE	74 6420 01
Crewe SCC – South Panel	085 57810	033 085 57810	CE	74 6421 01
Crewe Coal Yard SB	085 57812	033 085 57812	CY	74 3556 01
Crewe Sorting Sidings North SB	085 57807	033 085 57807	NH	74 3563 01
Crewe Steel Works SB	085 57806	033 085 57806	SW	74 6419 01
Croes Newydd North Fork SB	085 53681	033 085 53681	CN	74 5344 01
Culgaith SB	085 29813	033 085 29813	C	74 6443 01
Daisyfield SB	085 53414	033 085 53414	DS	74 6424 01
Dalton Junction SB <i>(If closed, calls divert to Barrow-in-Furness SB)</i>	085 31833	033 085 31833	DJ	74 6477 01
Deansgate Junction SB	085 29359	033 085 29359	DJ	74 3516 01
Dee Marsh Junction SB	085 53239	033 085 53239	DM	74 6400 01
Deganwy SB	085 87255	033 085 87255	DY	74 5341 01
Denton Junction SB	085 86266	033 085 86266	DJ	74 6468 01

(Item continues on next page)

LNWN ROUTE PERIODICAL OPERATING NOTICE– Continued
SIGNAL BOX / PANEL / WORKSTATION CONTACT DETAILS– Continued

<u>SIGNAL BOX / PANEL / WORKSTATION</u>	<u>Internal telephone number</u>	<u>External telephone number</u>	<u>SIGNAL PREFIX</u>	<u>GSM -R</u>
Diggle Junction SB	085 53068	033 085 53068	DE	74 6472 01
Dinting SB	085 53088	033 085 53088	DG	74 6473 01
Drigg SB	085 53370	033 085 53370	DG	74 6483 01
Earles Sidings SB	085 29248	033 085 29248	ES	74 7138 01
Eccles SB	085 53092	033 085 53092	ES	74 3530 01
Edale SB	085 29247	033 085 29247	EE	74 7140 01
Edgeley Junction No.1 SB	085 29349	033 085 29349	EY1	74 3508 01
Edgeley Junction No.2 SB	085 29350	033 085 29350	EY2	74 3509 01
Ellesmere Port SB	085 53214	033 085 53214	EP	74 6409 01
Fiddlers Ferry Power Station SB	085 29755	033 085 29755	FF	74 3555 01
Foxfield SB	085 31846	033 085 31846	FD	74 6479 01
Frodsham Junction SB	085 53828	033 085 53828	FJ	74 6408 01
Furness Vale SB	085 20208	033 085 20208	FV	74 3551 01
Gaerwen SB	085 86673	033 085 86673	GN	74 5354 01
Garsdale SB	085 29803	033 085 29803	GD	74 6439 01
Glazebrook East Junction SB	085 53062	033 085 53062	GE	74 3524 01
Grange-over-Sands SB (If closed, calls divert to Arnside SB)	085 31829	033 085 31829	GO	74 6493 01
Great Rocks Junction SB	085 29243	033 085 29243	GR	74 7161 01
Greenbank PSB	085 20182	033 085 20182	GK	74 6404 01
Gresty Lane SCC	085 58135	033 085 58135	GL	74 6418 01
Hazel Grove PSB	085 29368	033 085 29368	HG	74 3513 01
Heaton Norris Junction SB	085 29378	033 085 29378	HN	74 3512 01
Hellifield SB	085 86807	033 085 86807	HD	74 6425 01
Helsby Junction SB	085 53215	033 085 53215	HY	74 6407 01
Holyhead SB	085 87211	033 085 87211	HD	74 5356 01
Horrocksford Junction SB	085 53438	033 085 53438	HJ	74 6426 01
Howe & Co's Sidings SB	085 29668	033 085 29668	HS	74 6444 01
Huncoat LC	085 53443	033 085 53443	-	-
Hunts Cross SB	085 58499	033 085 58499	HC	74 3526 01
Kirkby Stephen SB	085 29812	033 085 29812	KS	74 6440 01
Kirkby Thore SB	085 29809	033 085 29809	KT	74 6442 01
Kirksanton LC	085 25192	033 085 25192	-	-
Limestone Hall LC	085 25193	033 085 25193	-	-
Litton's Mill Crossing LC	085 29757	033 085 29757	-	-
Llandudno Junction SB	085 87272	033 085 87272	LJ	74 5339 01
Llandudno Station SB	085 86660	033 085 86660	LO	74 5338 01
Llanrwst SB	085 86681	033 085 86681	LT	74 5342 01
Low House Crossing SB	085 29681	033 085 29681	LH	74 6497 01
Manchester East SCC (Ashburys (incl.) to Hyde Jn (incl.); Hyde Jn to Romiley Jn; Ashburys to Strines (excl.))	085 29375 085 29389	033 085 29375 033 085 29389	GB, AS, RJ	74 3552 01 74 4248 01
Manchester Piccadilly – Shift Signalling Manager	085 53077 085 53078	033 085 53077 033 085 53078	-	74 3500 01
Manchester Piccadilly – Station Panel (Ardwick Jn to Manchester Piccadilly (incl.))	085 53007	033 085 53007	MP	74 3503 01
Manchester Piccadilly – Longsight Panel (Ardwick Jn (excl.) to Heaton Norris Jn)	085 53008	033 085 53008	MP	74 3502 01
Manchester Piccadilly – Heald Green Panel (Slade Lane Jn (excl.) to Manchester Airport; Heald Green North Jn to Wilmslow (excl.))	085 53044	033 085 53044	MP	74 3501 01
Manchester Piccadilly – Windsor Bridge Panel (Westhoughton to Lostock Jn; Bromley Cross to Bolton; Adlington to Ordsall Lane Jn (excl.); Windsor Bridge North Jn to Pendlebury Tunnel)	085 53010	033 085 53010	MP	74 3505 01

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LNWN ROUTE PERIODICAL OPERATING NOTICE– Continued**SIGNAL BOX / PANEL / WORKSTATION CONTACT DETAILS– Continued**

<u>SIGNAL BOX / PANEL / WORKSTATION</u>	<u>Internal telephone number</u>	<u>External telephone number</u>	<u>SIGNAL PREFIX</u>	<u>GSM -R</u>
Manchester Piccadilly – Crow Nest Workstation (Hindley to Westthoughton; Crow Nest Jn to Pendlebury Tunnel)	085 55026	033 085 55026	MP	74 3499 01
Manchester ROC – Blackpool Workstation (All lines from Preston Fylde Jn (exclusive) to Blackpool North and Blackpool South)	085 58010	033 085 58010	BL	74 4444 01
Manchester ROC – Lime Street Workstation (All lines from Edge Hill (exclusive) to Liverpool Lime Street station)	085 58008	033 085 58008	LL	74 4446 01
Manchester ROC – Liverpool Workstation (Edge Hill West Jn (incl.) to Thatto Heath / Rainhill / Wavertree Jn)	085 58001	033 085 58001	LL, LE	74 4440 01
Manchester ROC – Macclesfield Workstation (Congleton to Prestbury)	085 58009	033 085 58009	MD	74 6423 01
Manchester ROC – Manchester Central Workstation (Eccles (excl.) through Ordsall Lane Jn to Miles Platting Jn (excl.))	085 58002	033 085 58002	MN, MC	74 4441 01
Manchester ROC – Manchester North Workstation (Miles Platting Jn (incl.) to Vitriol Works (excl.) / Diggle Jn (excl.) / Philips Park South Jn. (incl.))	085 58003	033 085 58003	MN	74 4442 01
Manchester ROC – Oxford Road Workstation (Manchester West End Platforms 13/14 to Flixton (Cheshire Lines))	085 58004	033 085 58004	MC, MP	74 4443 01
Manchester ROC – Wavertree Workstation (Weaver Jn (excl.) to Halewood West Jn (incl.))	085 58007	033 085 58007	WE, DN	74 4445 01
Manchester ROC – Wavertree West Workstation (Halewood West Jn (excl.) to Wavertree Jn (excl.))	085 58006	033 085 58006	WE	74 4447 01
Manchester ROC – Supervisor Desk	085 58000 085 58050	033 085 58000 033 085 58050	-	-
Manchester ROC – Control Centre Technician	085 58051 085 58052	033 085 58051 033 085 58052	-	-
Manchester South (Adswold Road Jn to Crewe North Jn (excl.); Cheadle Hulme Jn to Prestbury (excl.))	085 29363	033 085 29363	MS	74 3507 01 74 3571 01
Maryport Station SB	085 86884	033 085 86884	MS	74 6490 01
Merseyrail SCC – Shift Signaler Manager	085 58496	033 085 58496	ML	74 6459 01
Merseyrail SCC – Northern Lines Workstation	085 58261	033 085 58261	ML	74 6457 01
Merseyrail SCC – Wirral lines Workstation	085 58264	033 085 58264	ML	74 6458 01
Mickle Trafford SB	085 53240	033 085 53240	MT	74 6403 01
Midge Hall SB	085 63351	033 085 63351	MH	74 3544 01
Millom SB	085 31832	033 085 31832	MM	74 6480 01
Mobberley SB	085 29347	033 085 29347	MY	74 6405 01
Monk's Siding SB	085 29756	033 085 29756	MS	74 8312 01
New Mills Central SB	085 53087	033 085 53087	NM	74 7142 01
New Mills South Junction SB	085 29241	033 085 29241	NMS	74 3514 01
Norbury Hollow LC	085 29379	033 085 29379	-	-
Northenden Junction SB	085 29366	033 085 29366	NJ	74 3515 01

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LNWN ROUTE PERIODICAL OPERATING NOTICE– Continued
SIGNAL BOX / PANEL / WORKSTATION CONTACT DETAILS– Continued

<u>SIGNAL BOX / PANEL / WORKSTATION</u>	<u>Internal telephone number</u>	<u>External telephone number</u>	<u>SIGNAL PREFIX</u>	<u>GSM -R</u>
Parbold SB	085 31505	033 085 31505	PD	74 3542 01
Park South SB	085 31830	033 085 31830	PS	74 6475 01
Peak Forest South SB	085 55038	033 085 55038	PF	74 7170 01
Penmaenmawr SB	085 86662	033 085 86662	PR	74 5352 01
Penyffordd SB	085 53234	033 085 53234	PD	74 5343 01
Plumley West SB	085 20188	033 085 20188	PY	74 6406 01
Preston PSB – Shift Signaller Manager	085 63385	033 085 63385	-	74 3550 01
Preston PSB – ‘A’ Panel (Blackburn to Hebden Bridge; Gannow Jn to Colne; Hall Royd Jn to Smithy Bridge)	085 63393	033 085 63393	PN	74 3546 01
Preston PSB – ‘B’ Panel (Blackburn to Bromley Cross (excl.); Blackburn to Farington Curve Jn; Coppull to Farington Curve Jn (excl.); Farington Curve Jn to Midge Hall (excl.); Euxton Jn to Blackrod (excl.))	085 63394	033 085 63394	PN	74 3547 01
Preston PSB – ‘C’ Panel (Skew Bridge to Broughton North; Preston Fylde Jn to Salwick (excl.))	085 63397	033 085 63397	PN	74 3548 01
Preston PSB – ‘D’ Panel (Broughton North to Carnforth North Jn; Morecambe South Jn / Hest Bank Jn to Heysham Port)	085 63402	033 085 63402	PN	74 3549 01
Rainford Junction SB	085 31509	033 085 31509	RJ	74 3558 01
Rochdale West SB	085 53059	033 085 53059	TH	74 6429 01
Rufford SB	085 20193	033 085 20193	RD	74 3543 01
Rugby ROC – Colwich Workstation (Atherstone to Colwich North Jn (incl.) (Down line) / Shugborough Tunnel (incl.) (Up line))	085 42637	033 085 42637	LS, CM, RR	74 6170 01
Rugby ROC – Stafford Workstation (Colwich North Jn (excl.) (Down line) / Shugborough Tunnel (excl.) (Up line) to Basford Hall Jn (excl.); Penkridge to Stafford)	085 42543	033 085 42543	LS, SC, WS, NS	74 6180 01
St. Bees SB	085 53366	033 085 53366	SB	74 6485 01
St. Helens Station SB	085 29743	033 085 29743	SH	74 3535 01
Salop Goods Junction SB	085 57804	033 085 57804	SG	74 6422 01
Saltcoats LC	085 31835	-	-	-
Sellafield SB	085 53369	033 085 53369	SD	74 6484 01
Settle Junction SB	085 30512	033 085 30512	SJ	74 6437 01
Silecroft SB	085 31848	033 085 31848	ST	74 6481 01
Skelly Crag LC	085 31825	033 085 31825	-	-
Stockport No.1 SB	085 29382	033 085 29382	ST1	74 3510 01
Stockport No.2 SB	085 29345	033 085 29345	ST2	74 3511 01
Stoke-on-Trent SCC – North Panel (Congleton to Trentham)	085 57453	033 085 57453	SOT	74 6173 01
Stoke-on-Trent SCC – South Panel (Trentham to Highfields LC)	085 53988	033 085 53988	SOT	74 6172 01
Tal-y-Cafn LC	085 86658	-	-	-
Towneley LC	085 53424	033 085 53424	-	-
Ulverston SB	085 31828	033 085 31828	UN	74 6492 01
Valley SB	085 87219	033 085 87219	VY	74 5355 01
Vitriol Works SB	085 53129	033 085 53129	VW	74 6427 01

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LNWN ROUTE PERIODICAL OPERATING NOTICE– Continued
SIGNAL BOX / PANEL / WORKSTATION CONTACT DETAILS– Continued

<u>SIGNAL BOX / PANEL / WORKSTATION</u>	<u>Internal telephone number</u>	<u>External telephone number</u>	<u>SIGNAL PREFIX</u>	<u>GSM -R</u>
Wales ROC – Rhyl Workstation (Shotton Low Level (excl) to Llysfaen GF (excl))	085 43430	02920 641 386	FH	74 5368 01
Wales ROC – Shrewsbury North Workstation	085 80759	02920 920 759	SC	74 5366 01
Warrington PSB – Shift Signaller Manager	085 86263	033 085 86263	-	74 3539 01
Warrington PSB – North Panel (Standish to Bamfurlong Jn)	085 87278	033 085 87278	WN	74 3536 01
Warrington PSB – Middle Panel (Astley (excl.) to Rainhill (excl.); Bamfurlong Jn to Winwick Jn)	085 86264	033 085 86264	WN	74 3537 01
Warrington PSB – South Panel (Winwick Jn to Weaver Jn (excl.); Norton (excl.) to Acton Grange Jn)	085 86262	033 085 86262	WN	74 3538 01
Warrington Central SB	085 29762	033 085 29762	WC	74 3525 01
Wigan Wallgate SB	085 31506	033 085 31506	WW	74 3540 01
Wigton SB	085 29684	033 085 29684	WN	74 6491 01
Winsford SB	085 57808	033 085 57808	WD	74 3517 01
Workington Main No.2 SB	085 53363	033 085 53363	WN2	74 6488 01
Workington Main No.3 SB	085 53364	033 085 53364	WN3	74 6489 01
York ROC – Sheffield Outer Workstation (Dore West Jn to Earles Sidings (excl.))	085 42011	033 085 42011	DE	74 8165 01

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

Electrical Control Room	Internal Telephone Numbers		External telephone numbers	GSM-R CONTACT NUMBER
	Short Code – TO BE USED IN AN ELECTRICAL EMERGENCY ONLY	Internal numbers		
Rugby	172 or 177	054 6422 054 6533	01788 576 256 01788 576 257 (both emergency only) 01788 555 422	74 4061 03
Crewe	175	085 41095 (emergency only) 085 41096	033 085 41095 (emergency only) 033 085 41096 01270 255 582	74 4062 03
Cathcart	176	085 41080 (emergency only) 085 41081	033 085 41080 (emergency only) 033 085 41081	74 4000 03
Sandhills	170	085 41090 (emergency only) 085 41091	033 085 41090 (emergency only) 033 085 41091	74 4063 03

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14	03 June 2023
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46	05 December 2015
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46U	01 June 2024
46V	01 June 2024
46W	02 March 2024
46X	31 August 2019
46Y	27 February 2021
46Z	27 February 2021
47	03 March 2018
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53	02 June 2018
54	02 June 2018
55	03 March 2012
56	03 March 2012
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LNW North Route Sectional Appendix Module NWF

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75	30 November 2019
76	30 November 2019
77	04 June 2016
78	04 June 2016
79	04 June 2016
80	04 June 2016
81	01 December 2018
82	01 December 2018
83	03 June 2017
84	03 June 2017
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94	04 June 2016

LOCATION	LINE/PLATFORM (DIRECTION)	SIGNAL	LOCATION CODE	CONTROLLING SIGNAL BOX/PANEL	GSM-R CONTACT NUMBER
Walkden	Up Atherton - Down	MP821	996	Manchester Piccadilly – NOS NW workstation	74 3499 01
Walkden	Down Atherton - Up	MP822	996	Manchester Piccadilly – NOS NW workstation	74 3499 01
Crow Nest Jn	Down Atherton - Down	MP805	996	Manchester Piccadilly – NOS NW workstation	74 3499 01
Crow Nest Jn	Down Hindley - Up	MP804	996	Manchester Piccadilly – NOS NW workstation	74 3499 01
Crow Nest Jn	Up Hindley - Down	MP807	996	Manchester Piccadilly – NOS NW workstation	74 3499 01
Wigan Wallgate	Carriage Siding Exit	WW208	996@	Wigan Wallgate	74 3540 01
Wigan Wallgate	Up direction	WW201	996@	Wigan Wallgate	74 3540 01
Wigan Wallgate SB	Down direction	WW202	996@	Wigan Wallgate	74 3540 01
Wigan Wallgate	Platform 1 - Down	WW103	996@	Wigan Wallgate	74 3540 01
Wigan Wallgate	Platform 2 - Up	WW104	996@	Wigan Wallgate	74 3540 01
Wigan Wallgate	Bay Platform Exit	WW105	996@	Wigan Wallgate	74 3540 01
Wigan Wallgate	Southport Up Siding Exit	WW142	996@	Wigan Wallgate	74 3540 01
Wigan Wallgate	Up Through Siding - Down	WW141	996@	Wigan Wallgate	74 3540 01
Wigan Wallgate SB	Down direction	WW143	996@	Wigan Wallgate	74 3540 01
Wigan Wallgate SB	Down direction	WW206	996@	Wigan Wallgate	74 3540 01
Parbold SB	Up direction	PD4	996@	Parbold	74 3542 01
NW6015 WIGAN WALLGATE TO HEADBOLT LANE					
Wigan Wallgate SB	Down Liverpool (Up direction)	WW210	996@	Wigan Wallgate	74 3540 01
Wigan Wallgate SB	Up Liverpool	WW106	996@	Wigan Wallgate	74 3540 01

LOCATION	LINE/PLATFORM (DIRECTION)	SIGNAL	LOCATION CODE	CONTROLLING SIGNAL BOX/PANEL	GSM-R CONTACT NUMBER
Dale Lane Jn	Down & Up Line	-	996@	Rainford Jn	74 3558 01
NW7001 MANCHESTER VICTORIA WEST JN. TO HEBDEN BRIDGE					
Castleton South Jn	Down Rochdale	CE34	998@	Castleton East Jn	74 6428 01
Castleton South Jn	Down Goods Loop	CE27	998@	Castleton East Jn	74 6428 01
Castleton South Jn	Sidings No 2,3,4	CE16	998@	Castleton East Jn	74 6428 01
Castleton South Jn	Up & Down Through Sidings	CE30	998@	Castleton East Jn	74 6428 01
Castleton South Jn	Up & Down Through Sidings	CE36	998@	Castleton East Jn	74 6428 01
Castleton South Jn	Down Rochdale	CE50	998@	Castleton East Jn	74 6428 01
Rochdale	Rochdale Platform 4	TH7302	998@	Rochdale West	74 6429 01
Rochdale East Jn	Rochdale Turnback / Metronet Access	TH7304	998@	Rochdale West	74 6429 01
Rochdale	Platform 2(Down Direction)	TH7305	998@	Rochdale West	74 6429 01
Rochdale East Jn	Up Rochdale	TH7306	998@	Rochdale West	74 6429 01
Todmorden	Up L&Y	PN317	996@	Preston Panel A	74 3546 01
NW7007 FARINGTON CURVE JN. TO ORMSKIRK					
Rufford	Up Main	RD101	996@	Rufford	74 3543 01
Ormskirk	End of the line	-	996@	Rufford	74 3543 01
NW7009 FARINGTON CURVE JN. TO HALL ROYD JN. (EAST LANCs LINES)					
Accrington	Up direction	PN412	996@	Preston Panel A	74 3546 01
NW7013 DAISYFIELD JN TO HELLIFIELD					
Horrocksford Jn	Clitheroe Station Up Platform	HJ3	998@	Horrocksford Jn	74 6426 01
Horrocksford Jn	Down Sidings	HJ4	998@	Horrocksford Jn	74 6426 01

LOCATION	LINE/PLATFORM (DIRECTION)	SIGNAL	LOCATION CODE	CONTROLLING SIGNAL BOX/PANEL	GSM-R CONTACT NUMBER
NW8001 HUNTS CROSS WEST JN TO SOUTHPORT					
Hall Road	Hall Road TMD Exit	ML89	996@	Merseyrail Northern Line WS	74 6457 01
NW8011 MANN ISLAND JN TO WEST KIRBY (VIA LOOP)					
James Street	Bidston Stabling Siding Exit	ML1543	996@	Merseyrail Wirral Line WS	74 6458 01
NW9001 DORE WEST JN TO EDGELEY JN NO.1 (HOPE VALLEY LINES)					
Chinley East Jn	Up Main (Down Direction)	CY159	998@	Chinley	74 7141 01
Chinley East Jn	Up Main	CY162	998@	Chinley	74 7141 01
Chinley	Down Main (Up Direction)	CY154	998@	Chinley	74 7141 01
Hazel Grove West Jn	Down Siding	HG16	998@	Hazel Grove	74 3513 01
Hazel Grove West Jn	Up Siding	HG12	998@	Hazel Grove	74 3513 01
Hazel Grove West Jn	Down Hope Valley (Up Direction)	HG14	998@	Hazel Grove	74 3513 01
NW9003 CHINLEY EAST JN TO CHINLEY SOUTH JN (CHORD LINE)					
Chinley East Jn	Down & Up Chord (Up direction)	CY158	996@	Chinley	74 7141 01
NW9005 CHINLEY NORTH JN TO BUXTON					
Peak Forest South	Peak Forest Up Siding 1	PF38/39	996	Peak Forest South	74 7170 01
Peak Forest South	Peak Forest Up Siding 2-4 Exit	PF41/40	996	Peak Forest South	74 7170 01
Peak Forest South	Peak Forest Long Sidings 1&2	PF8/26	996	Peak Forest South	74 7170 01

LOCATION	LINE/PLATFORM (DIRECTION)	SIGNAL	LOCATION CODE	CONTROLLING SIGNAL BOX/PANEL	GSM-R CONTACT NUMBER
Peak Forest South	Cemex Dove Holes Quarry / 'Raiside' Exit	PF48/35	996	Peak Forest South	74 7170 01
Peak Forest South	Fuel Road Exit	PF43	996	Peak Forest South	74 7170 01
Great Rocks Jn	Up Siding Exit	GR22	996	Great Rocks Junction	74 3554 01
Great Rocks Jn	Up Siding Exit	GR23	996	Great Rocks Junction	74 3554 01
Great Rocks Jn	Down & Up Tunstead Siding exit	GR27	996	Great Rocks Junction	74 3554 01
Great Rocks Jn	Up Siding Exit	GR20	996	Great Rocks Junction	74 3554 01
Buxton SB	Engine Run Round Road exit	BN45/46/47	996	Buxton	74 7147 01
Buxton SB	Single Line Access Road exit	BN42/43/44	996	Buxton	74 7147 01
Buxton SB	Diesel Depot Line	BN5	996	Buxton	74 7147 01
NW9017 HAZEL GROVE HIGH LEVEL JN TO NORTHENDEN JN					
Northenden Jn	Down Main (Up Direction)	NJ16	995@	Northenden Jn	74 3515 01
Northenden Jn	Up Main (Down Direction)	NJ8	995@	Northenden Jn	74 3515 01
Northenden Jn	GMC Private Sidings onto the Down Main	NJ21	995@	Northenden Jn	74 3515 01
NW9019 BUXTON TO BRIGG'S SIDINGS					
Buxton SB	Platform 1	BN9	996	Buxton	74 7147 01
Buxton SB	Hindlow Branch Exit	BN27	996	Buxton	74 7147 01
NW9021 BUXTON TO HAZEL GROVE EAST JN					
Buxton SB	Diesel Depot Exit	BN5	996	Buxton	74 7147 01
Buxton SB	Platform 2	BN18	996	Buxton	74 7147 01
Furness Vale SB LC	Down Main (Up direction)	FV19	996	Furness Vale	74 3551 01
NW9901 GARGRAVE TO CARLISLE SOUTH JN.					
Settle Jn	Up Main (Down Direction)	SJ27	996@	Settle	74 6437 01

Obstacle Detection (OD) Level Crossings on LNW Route

OD level crossings work automatically and are similar to CCTV crossings in that they have full barriers, road traffic signals and have protecting signals with telephones linked to the signalbox. Instead of a CCTV camera they use a combination of Radar and Lidar (laser radar) to check that there are no objects or persons within the level crossing before a train approaches. The normal position of the barriers is raised.

The following modules contained within GE/RT8000 are amended when working with OD level crossings:

Duties of a level crossing attendant Handbook 18

Qualified level Crossing attendants are not permitted to operate an OD crossing until they have been instructed on the use of OD crossings. A copy of the attendant's instructions showing the method of working can be found in the REB at the crossing.

LNW North Route GI - Dated: 06/12/14

REPORT OF STONE / OBJECT – THROWING AND AIR RIFLES

On receiving a report from a Driver of stones or other objects being thrown, or use of air rifles, the Signaller must, in addition to advising Route Control and the BT Police:

1. Advise the Driver of the first train requiring to proceed through the area concerned, on any line, of the circumstances and request them to report back once the train has passed through the area whether stone-throwing / shooting occurred or not.

The train must not be cautioned.

2. Where another Signaller is involved, advise that Signaller of the circumstances and ask the Signaller to advise Drivers as shown in this procedure, and to pass on any message received from the Driver of a train which has passed through the affected area.

3. Before the Driver of the first train reports back, the Signaller must also stop and advise the Driver of each further train that requires to pass the area concerned, on any line.

4. If the Driver of the first train reports that their train was targeted, the Drivers of subsequent trains must be advised in accordance with clause 1 above.

5. If no further report is received about stone-throwing / shooting from the Driver of any train dealt with above, Network Rail Route Control must be advised, and normal working resumed.

LNW North Route GI - Dated: 22/04/2023

Opening Droplight or Quarterlight Windows

Where vehicles are operating with manually opening droplight or quarterlight windows, the Train Operating Company must have a suitable safe system of work to mitigate the risk of injury associated with persons leaning out of windows

LNW North Route GI - Dated: 16/09/2024

Overlay Miniature Stop Light (OMSL) level crossings

Certain level crossings are provided with overlay miniature stop light equipment. Like conventional Miniature Stop Light (MSL) crossings, these provide indications to the users of the crossings on whether it is safe to cross (green) or not safe to cross (red). The system is designed to overlay existing infrastructure without interacting with it, however permissible speeds in the wrong direction on the approach should be identified on multiple track lines by wrong direction speed boards. The system is usually activated by wheel sensors that operate in a similar way to axle counters – when they detect a train they set the lights to red, when the train hits the strike out sensor the lights go to green.

Where a system failure is detected or operational scenario (e.g. train failure, engineering works) may incur the red indication for excessive periods, user indications are suppressed and the lights go into 'dark mode'. On encountering this mode the user is directed on safe operation by the signage provided, however they can be reactivated by another train passing or through a manual reset.

All staff should note that, like axle counters, using metal tools or simply passing within a metre wearing safety boots can cause activation of these sensors, and should be avoided.

LNW North Route GI - Dated: 22/12/18

Protecting a stabled train on a platform line

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

- Holyhead

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/SWL 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/SWL 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.

LNW North Route GI - Dated: 28/10/17

Recording of conversations

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

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

RAILWAY CRIME

All railway staff must be vigilant to railway crime and cable theft, and report any suspicious activity on the operational railway, or in the area of electrical substations, to the controlling signaller.

Some examples of suspicious activity could be:

- Anyone not wearing appropriate PPE, or that do not appear to have a safe system of work.
- Anyone not responding to a train drivers warning, or appearing to hide as trains or people approach.
- Vehicles that do not have any company markings or logos
- Signalling location cabinets with doors open or missing, or troughing lids newly disturbed, with no staff nearby.
- People 'loitering' in the area of electrical substations.

In such cases, please inform the controlling signaller as quickly as possible giving precise location details. Drivers do not need to stop their trains immediately to report this, unless they consider it a safety of the line issue.

National GI - Dated: 30/08/2014

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SEMI-AUTOMATIC TRACK WARNING SYSTEM (SATWS)

Only staff who have been trained and hold the required SATWS competence and have received a site-specific briefing on the SATWS operating requirements, are permitted to use the equipment.

On arrival at the worksite, the SATWS operator must follow the site-specific operating instructions. The signaller must be contacted to advise that the SATWS equipment will be in use and to confirm any specific instructions and arrangements to be implemented prior to any works taking place.

All staff must be aware that:

- To use the SATWS equipment, no single line working, or other degraded working may be in operation.
- A second train may strike-in whilst a warning is in progress for the first train.
- The strike-in train detectors are positioned to provide the minimum required warning time for the fastest trains permitted over the line. Trains travelling at slower speeds or stopping at stations or signals on approach to the worksite, will have extended warning times.

The SATWS-operator must contact the signaller when they have finished using the SATWS equipment. If any additional protection or instructions have been provided, then the signaller shall confirm with the SATWS operator that they are no longer required before removal.

The SATWS system is provided at the following locations:

NW2015 Ordsall Lane Jn to Edge Hill

Worksite area	Section of line equipped	Signaller to be contacted
Eccles	27m 00ch to 27m 60ch	Eccles SB
Astley	22m 40ch to 22m 60ch	Astley SB

NW4001 Preston Ribble Jn to Cove LC

Worksite area	Section of line equipped	Signaller to be contacted
Barton & Broughton	3m 71ch to 4m 60ch	Preston PSB Panel D
Garstang & Catterall	9m 23ch to 9m 34ch	Preston PSB Panel D
Grayrigg	25m 43ch to 26m 43ch	Carlisle PSB South Panel
Tebay	31m 55ch to 32m 24ch	Carlisle PSB South Panel

NW6001 Manchester Piccadilly East Jn to Euxton Jn

Worksite area	Section of line equipped	Signaller to be contacted
Lostock Jn	13m 30ch to 13m 46ch	Manchester Piccadilly SCC Windsor Bridge Panel

NW6009 Windsor Bridge North Jn to Southport

Worksite area	Section of line equipped	Signaller to be contacted
Crow Nest Jn	14m 54ch to 14m 68ch	Manchester Piccadilly SCC Crow Nest Workstation

NW6013 Lostock Jn to Crow Nest Jn

Worksite area	Section of line equipped	Signaller to be contacted
Lostock Jn	13m 39ch to 13m 51ch	Manchester Piccadilly SCC Windsor Bridge Panel
Crow Nest Jn	17m 11ch to 14m 68ch	Manchester Piccadilly SCC Crow Nest Workstation

NW7001 Manchester Victoria West Jn to Hebden Bridge

Worksite area	Section of line equipped	Signaller to be contacted
Littleborough GF	14m 35ch to 14m 41ch	Preston PSB Panel A
Winterbutlee	17m 39ch to 17m 42ch	Preston PSB Panel A

LNW North Route GI - Dated: 26/10/2024

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LNW North Route Sectional Appendix Module NW1

LOR	Seq.	Line of Route Description	ELR		Route	Last Updated
NW1001	003	Armitage Jn (Incl.) to Preston Fylde Jn	LEC2	LEC3	West Coast South	23/01/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks
(Start of diagram)		129 07				<div><div>TCB</div><div>Rugby ROC (LS) Stafford Workstation AC: Crewe ECR</div></div> <div>GSM-R</div> <div>Axle Counter area.</div> <div>TASS fitted: Down Stafford / Down Stafford Fast lines throughout. Up Stafford Fast / Up Stafford lines throughout.</div> <div>DSta: Down Stafford. USta: Up Stafford.</div> <div>UP: Up Penkridge. DP: Down Penkridge. DSS: Down Stafford Slow. USS: Up Stafford Slow. DSF: Down Stafford Fast. USF: Up Stafford Fast. ASN: Arrival Sidings Neck. SGL: Stafford Goods Loop.</div> <div>SGL: 821 metres (898 yards) (Down direction only). DS1: 284 metres (311 yards). DS2: 210 metres (230 yards). AS1 & AS2: 427 metres (467 yards).</div> <div>Down Siding 2 not electrified.</div>
Milford & Brocton HABD Milford Junction		129 29 129 31				
		129 52 *				
Whitehouse Junction		130 47				
		130 56 *				
		131 50 *				
		132 35 *				
		132 36 *				
		132 79 *				
Stafford Trent Valley Jn No. 1 (and change of ELR).		133 04 133 06 *	LEC2 LEC3			

LNW North Route Sectional Appendix Module NW1

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW1001	004	Armitage Jn (Incl.) to Preston Fylde Jn.	LEC3	West Coast South	16/12/2023
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
Stafford South Junction	133 28		<div>TCB</div> <div>Rugby ROC (LS) Stafford Workstation AC: Crewe</div> <div>GSM-R</div> <p>Axle Counter area.</p> <p>All lines electrified except for Down Siding 2.</p> <p>SGL: 821 metres (898 yards) (Down direction). 301 metres (329 yards) (Up direction).</p> <p>DS1: 284 metres (311 yards). DS2: 210 metres (230 yards). AS1 & AS2: 427 metres (467 yards).</p> <p>Platform Lengths: Stafford.</p> <p>Platform 1: 288m (315yds) (PP-A in both directions)</p> <p>Platform 3: 280m (307yds) (Down direction) (PP-A in both directions)</p> <p>Platform 4: 280m (307yds) (Up direction) (PP-A in both directions)</p> <p>Platform 5: 286m (313yds) (PP-A in both directions)</p> <p>Platform 6: 286m (313yds) (PP-A in both directions)</p> <p>UBS: 43m (47yds)</p>		
STAFFORD	133 33 *		<div>Rugby ROC (SC) Stafford Workstation</div> <p>Goods platform: 214m (234yds) (PF in both directions)</p> <p>TASS fitted on Down Stafford Fast and Up Stafford Fast lines.</p>		
	133 34 *				
	133 35 *				
	133 43				
	133 51 *				
Stafford North Junction	133 57		<p>USF: Up Stafford Fast. P1: Platform 1 line. DSF: Down Stafford Fast. P3: Platform 3 line. USS: Up Stafford Slow. P6: Platform 6 line. DSS: Down Stafford Slow. UBS: Up Bay Siding. RM: Royal Mail Terminal (Goods Platform). DS1: Down Siding 1. SGL: Stafford Goods Loop. DS2: Down Siding 2.</p>		
	133 60 *				
	133 63 *				

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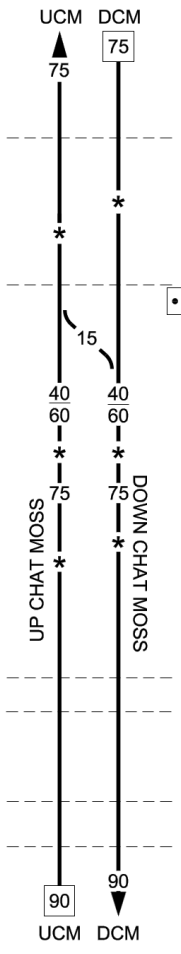
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LNW North Route Sectional Appendix Module NW2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW2015	003	Ordsall Lane Jn to Edge Hill	DSE	North West	24/02/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start / end of diagram)		27 20			<div>TCB Eccles SB (ES) AC: Crewe</div> <div>GSM-R</div> <p>AWS not provided on the Up Goods Loop.</p> <p>UGL: 794 metres (868 yards).</p> <p>Semi-Automatic Track Warning System (SATWS) provided at Eccles, between 27m 60ch and 27m 00ch. See General Instructions.</p> <p>Platform Lengths: Patricroft. Platform 1: 124 metres (136 yards). Platform 2: 124 metres (136 yards).</p> <div>Astley SB (AY)</div>
(Connection to Up Goods Loop)		27 06			
PATRICROFT		26 46			
Woodside Farm (UWC)		24 40			
(Start / end of diagram)		23 60			

LNW North Route Sectional Appendix Module NW2

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
NW2015	004	Ordsall Lane Jn to Edge Hill		DSE	North West	26/10/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
(Start / end of diagram)		23 60			<div> <div>TCB</div> <div>Astley SB (AY) AC: Crewe</div> <div>GSM-R</div> </div> <div>Semi-Automatic Track Warning System (SATWS) provided at Astley, between 22m 60ch and 22m 40ch. See General Instructions.</div> <div>Warrington PSB (WN)</div>	
Chat Moss LC (FP)		23 06				
		22 64 *				
		22 60 *				
Astley Station LC (UWC & FP) Astley SB		22 54				
(Crossover)		22 52				
		22 40 *				
		21 60 *				
		21 58 *				
Hurst Hall LC (FP)		20 42				
Hurst Hall Farm LC (UWC)		20 38				
Culcheth Farm LC (UWC)		19 39				
Leigh Golf Course LC (FP)		19 26				
(Start / end of diagram)		19 00				

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LNW North Route Sectional Appendix Module NW3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW3001	009	Crewe North Jn. to Holyhead	CNH3	Wales	30/09/2023
Location		Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks	
Rockcliffe Hall Tunnel (90m/99yds)		189 03		<div> <div>TCB RA8</div> <div>Wales Rail Operating Centre (Rhyl) (FH)</div> <div>GSM-R</div> </div> <p>Axle Counter Area</p> <p>UH - Up Holyhead DH - Down Holyhead</p> <p>End of Bi-directional signalling at Fflint Junction</p> <p>Platform Lengths: Fflint Platform Up 178m (195yds) Platform Down 209m (229yds)</p> <p>LOD (K) 5201 - Down Holyhead LOD (K) 5202 - Up Holyhead LOD (P) 5213 A - Reversible</p> <p>LOD (K) 5205 - Down Holyhead LOD (K) 5206 - Up Holyhead LOD (P) 5213 B - Reversible</p>	
		189 47 to 189 51			
		190 62 *			
		190 67			
		191 00			
		191 05 *			
		191 40 *			
		191 41 *			
		191 47			
		192 20 *			
Fflint Junction		191 00		<div> <div>TCB RA8</div> <div>Wales Rail Operating Centre (Rhyl) (FH)</div> <div>GSM-R</div> </div> <p>Axle Counter Area</p> <p>UH - Up Holyhead DH - Down Holyhead</p> <p>End of Bi-directional signalling at Fflint Junction</p> <p>Platform Lengths: Fflint Platform Up 178m (195yds) Platform Down 209m (229yds)</p> <p>LOD (K) 5201 - Down Holyhead LOD (K) 5202 - Up Holyhead LOD (P) 5213 A - Reversible</p> <p>LOD (K) 5205 - Down Holyhead LOD (K) 5206 - Up Holyhead LOD (P) 5213 B - Reversible</p>	
Fflint Junction		191 05 *			
Fflint Junction		191 40 *			
Fflint Junction		191 41 *			
Fflint Junction		191 47			
Fflint Junction		192 20 *			
Fflint Junction		193 52			
Fflint Junction		194 24 to 194 25			
Fflint Junction		194 61			
Fflint Junction		195 00			
Fflint Junction		195 00			

LNW North Route Sectional Appendix Module NW3

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NW3001	010	Crewe North Jn. to Holyhead		CNH3	LNW North	19/10/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
		195 00			<div>TCB Wales Rail Operating Centre (Rhyl) (FH)</div> <div>RA8</div> <div>GSM-R</div> <div>Axle Counter Area</div> <div>DH - Down Holyhead</div> <div>UH - Up Holyhead</div> <div>LOD (K) 5209 - Down Holyhead</div> <div>LOD (K) 5210 - Up Holyhead</div> <div>LOD (P) 5213C - Reversible</div> <div>LOD (P) 5214A - Reversible</div> <div>UMGL - Up Mostyn Goods Loop 775m, 847 yds</div> <div>① Out of Use</div>	
Bodlondeb LC (UWC) (R/G)		196 09	T			
Maesteg LC (UWC) (NW3001)		196 24	T			
Stokyn Lodge (UWC)		196 55	T			
Llanerchymor Viaduct (60m, 66yds)		197 26 to 197 29				
Mostyn East Jn		198 42 *				
Mostyn LC (UWC)		199 12	T			
Mostyn Dock Exchange Sidings (NW3001)		199 23				
Mostyn West Jn		199 29 *				

LNW North Route Sectional Appendix Module NW3

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
NW3001	011	Crewe North Jn to Holyhead		CNH3	Wales	12/10/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
(Start / end of diagram)		199 40			<div> <div>TCB</div> <div>RA8</div> </div> <div> <div>Wales ROC</div> <div>Rhyl Workstation (FH)</div> </div> <div> <div>GSM-R</div> <div></div> </div> <p>Axle Counter Area DH - Down Holyhead UH - Up Holyhead</p> <p>LOD (K) - 5217 - Down Holyhead LOD (K) - 5218 - Up Holyhead LOD (P) - 5214B - Reversible</p> <p>LOD (K) - 5221 Down Holyhead LOD (K) - 5222 - Up Holyhead LOD (P) - 5214C - Reversible</p> <p>Platform lengths: Prestatyn Up Platform - 245m (268yds) Down Platform - 245m (268yds)</p>	
Tyn-y-Morfa LC (CCTV)		202 65	<div>T</div>			
Nant Hall LC (FP)		204 59				
		204 70 *				
		205 35 *				
		205 36 *				
PRESTATYN		205 43	<div>1</div> <div>2</div> <div>5221</div> <div>5222</div> <div>5214C</div>			
Sandy Lane LC (UWC & FP)		205 61	<div>T</div>			
		205 79 *				
(Start / end of diagram)		206 02				

LNW North Route Sectional Appendix Module NW3


LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW3001	012	Crewe North Jn. to Holyhead	CNH3	LNW North	22/04/2023
Location		Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks	
RHYL		206 02		<div>TCB Wales Rail Operating Centre (Rhyl) (FH)</div> <div>Axle Counter Area</div> <div>DH - Down Holyhead</div> <div>UH - Up Holyhead</div> <div>DPL 574m (1890ft)</div> <div> LOD (K) - 5225 - Down Holyhead LOD (K) - 5226 - Up Holyhead LOD (P) - 5214D - Reversible </div> <div> Platform Lengths: Rhyl Platform Up 267m (292yds) Platform Down 263m (287yds) </div> <div> ① End of Bi-directional signalling on Up Holyhead ② End of Bi-directional signalling on Down Holyhead </div> <div> DRPL - Down Rhyl Passenger Loop Down Rhyl Passenger Loop bi-directional from FH6088 signal </div>	
		206 05 *			
		207 71 *			
		208 67 *			
		208 69 *			
		209 01 *			
		209 05			
		209 08			
		209 10 *			
		209 45			
Foryd Viaduct 181m, 198yds		209 79	<div>UP HOLYHEAD</div> <div>DOWN HOLYHEAD</div> <div>DRPL (PF)</div> <div>CE Siding</div> <div>①</div> <div>②</div> <div>X50</div> <div>X50</div> <div>90</div> <div>85</div> <div>UH</div> <div>DH</div>		
Millars Cottage LC (UWC)		211 79			
Ty Gwyn FP (MSL - X)		212 44			
Pen Uchaf FP (MSL - X)		212 59			

LNW North Route Sectional Appendix Module NW3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW3001	013	Crewe North Jn. to Holyhead	CNH3	Wales	19/10/2024
Location		Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks	
ABERGELE & PENSARN		212 59		<div><div>TCB Wales Rail Operating Centre (Rhyl) (FH)</div><div>GSM-R</div></div> <div>Axle Counter Area</div> <div>LOD (K) 5229 - Down Holyhead</div> <div>Platform Lengths: Abergele & Pensarn</div> <div>Up Platform - 199m (218yds)</div> <div>Down Platform - 147m (160yds)</div> <div>DH - Down Holyhead</div> <div>UH - Up Holyhead</div>	
		213 30			
		214 66 *			
		(change of line name (Down))			
		215 20			
		Llandulas Viaduct (80m, 88yds)			
		215 72 to 215 76			
		Signal LJ.49 (Down)			
		216 75			
		Llysfaen Emergency GF (change of line name (Up))			
217 09	<div><div>TCB Llandudno Jn SB (LJ)</div></div> <div>Exceptionally Poor Rail Adhesion</div> <div>Down Main line between 218m 19ch and 220m 07ch.</div> <div>Platform Lengths: Colwyn Bay</div> <div>Platform Up 242m (265 yds)</div> <div>Platform Down 243m (266 yds)</div>				
217 20 *					
Penmaenrhos Tunnel (441m / 482 yds)					
217 32 to 217 54					
Colwyn Viaduct (60m, 66yds)					
218 19 to 218 22					
COLWYN BAY					
219 37					
220 03 *					
220 27 *					
222 31					

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW3001	014	Crewe North Jn. to Holyhead	CNH3	LNW North	19/10/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Llandudno Jn (NW3001)		222 31 *			<div>TCB Llandudno Jn SB (LJ)</div> <div>GSM-R</div>
	222 60 *				
	222 61				
	223 08 *				
	223 12				
	223 21 *				
	223 24 *				
	223 26				
Tamper Siding GF (NW3001)	223 31				
	223 36 *				
LLANDUDNO JUNCTION		223 39			
	223 50 *				
Llandudno Jn SB (LJ) (NW3001)	223 55				

LNW North Route Sectional Appendix Module NW3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW3003	006	Chester East Jn. to Acton Grange Jn.	CHW1	LNW North	19/02/2018
Location		Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks	
DARESBURY, former site of		15 23	<p>UP HELSBY 75</p> <p>DOWN HELSBY 75</p> <p>UP MAIN 100</p> <p>DOWN MAIN 100</p> <p>20</p> <p>50</p> <p>45</p> <p>100</p> <p>UP HELSBY</p> <p>DOWN HELSBY</p> <p>UP MAIN</p> <p>DOWN MAIN</p> <p>To / from Walton Old Jn NW1019 seq 001</p> <p>To / from Warrington Bank Quay. NW1001 seq 014</p> <p>To / from Weaver Jn. NW1001 seq 014</p>	TCB Warrington PSB (WN) South Panel 	
Limit of Electrification		16 04		<div>AC: Crewe</div>	
(Crossovers)		16 13		Note: 50mph crossovers are NOT electrified.	
Acton Grange Jn		16 19			
		16 26 *			
		16 27 *			

LNW North Route Sectional Appendix Module NW3

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
NW3005	001	Gobowen (Excl.) to Saltney Jn.		WSJ2	LNW North	19/10/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Gobowen North LC (MCB) (NW3005)		189 56	<p>See Western Route Sectional Appendix GW731 seq 006 for details.</p> <p>To Shrewsbury UM DM</p> <p>60 MU 70</p> <p>15</p> <p>15</p> <p>UP MAIN</p> <p>DOWN MAIN</p> <p>Kronospan Siding</p> <p>60 MU 70</p> <p>UM DM</p>		AB Gobowen North SB (GN)	GSM-R
Gobowen North SB (GN) (NW3005)		189 56			AB applies between Gobowen North (GN) and Croes Newydd North Fork (CN)	
Pitts LC (UWC) (NW3005)		190 41	<p>T</p> <p>T</p>			
Weston Rhyn LC (AHBC) (NW3005)		191 40				
Chirk Viaduct (NW3005) (245m / 269yds)		192 20 to 192 33				
Chirk Tunnel (NW3005) (47m / 51 yd)		192 35 to 192 37				
CHIRK		192 54	<p>2</p> <p>1</p>		AB Croes Newydd North Fork SB (CN)	
Kronospan GF (NW3005)		192 76			Down and Up platforms 157m, 172yds	
		193 24	<p>S</p>		GF released from Croes Newydd North Fork (CN) SB	

LNW North Route Sectional Appendix Module NW3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW3005	002	Gobowen (Excl.) to Saltney Jn.	WSJ2	LNW North	19/10/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
<div>Whitehurst LC (UWC) (NW3005)</div> <div>Whitehurst Tunnel (NW3005) (42m / 46 yd)</div> <div>Cefn Viaduct (NW3005) 482m, 528yds</div> <div>RUABON (NW3005)</div> <div>Network Rail London North Western (appendix boundary)</div> <div>Ruabon Road Tunnel (59m / 64 yd)</div> <div>Watery Road GF</div>		<div><div>T</div></div> <div><div>193 24</div><div>193 52</div><div>194 07</div><div>to</div><div>194 09</div><div>194 40 *</div><div>194 53</div><div>to</div><div>194 77</div><div>196 65 *</div><div>197 04</div><div>197 45 *</div><div>199 00</div><div>200 43</div><div>to</div><div>200 46</div><div>201 17</div><div>201 43</div></div>	<div><div><div>UM</div><div>DM</div></div><div><div>60 MU 70</div><div>60 MU 70</div></div><div>Continued on GW731 seq 007</div><div><div>60</div><div>60</div></div><div><div>50</div><div>50</div></div><div><div>WALES</div><div>LNW(N)</div></div><div><div>15</div><div>15</div></div><div><div>UP GOODS LOOP</div><div>UP MAIN</div><div>DOWN MAIN</div></div><div><div>60 MU 70</div><div>60 MU 70</div></div><div><div>UM</div><div>DM</div></div></div>		<div><div>AB RA8</div><div>Croes Newydd North Fork SB (CN)</div><div>GSM-R</div></div> <div><div>Croes Newydd North Fork SB (CN)</div></div> <div><div>UGL (PF) 408 metres (1339 feet).</div></div>

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW3005	003	Gobowen (Excl.) to Saltney Jn.	WSJ2 WDB1	LNW North	19/10/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
<div>Croes Newydd North Fork SB Croes Newydd North Fork LC (MCB)</div> <div>WREXHAM GENERAL (NW3005)</div> <div>Wrexham Exchange Jn (NW3005)</div> <div>Wrexham North Jn</div> <div>Route Boundary</div>		201 43 201 43			
		201 62 (0 43)			
		201 66 (0 49)			
		(0 68)			
		202 39 *			
202 40 *					
202 60	WALES LNW	50 D&UW			
			<div>AB Croes Newydd North Fork SB (CN) </div> <div>Tail lamp telephones on Platforms 3 and 4.</div> <div>Platform Lengths: Wrexham General. Platform 1: 198 metres (217 yards). Platform 2: 197 metres (215 yards). Platform 3: 110 metres (120 yards) (both directions).</div> <div>Mileages in () brackets are ELR: WDB1 mileages.</div> <div>'U&D'LP: 'Up & Down' Loop. 'D&U' CENTRAL: 'Down & Up' Central. D&UW: Down & Up Wrexham.</div> <div>TCB Chester SB (CR)</div>		

LNW North Route Sectional Appendix Module NW3

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LNW North Route Sectional Appendix Module NW3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW3007	001	Wrexham Central to Bidston West Jn	WDB1	LNW North	19/10/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
WREXHAM CENTRAL		0 16	<p>To Croes Newydd North Fork NW3005 seq 3</p> <p>'UP & DOWN' LOOP</p> <p>'DOWN & UP' CENTRAL</p> <p>UP BIDSTON</p> <p>DOWN BIDSTON</p> <p>20 40 MU</p> <p>UB DB</p>		<div>OT RA5</div> <div>Croes Newydd North Fork SB (CN)</div> <div>GSM-R</div> <div>Platform Lengths: Wrexham Central Platform Up & Down 63 m (69 yds)</div> <div>Platform Lengths: Wrexham General Platform 4 Up & Down 60m (66 yds)</div> <div>AB RA8</div> <div>Platform Lengths: Gwersyllt Up Platform Up 83m (91 yds) Down Platform: 83m (91 yds)</div>
WREXHAM GENERAL (NW3007)		0 49			
Wrexham Exchange Jn (NW3007)		0 68			
		0 73 *			
GWERSYLLT		2 29			
		2 67			
Cefn-y-Bedd Viaduct 121m, 132yds		4 08 *			
		4 08			
		4 14			

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW3015	001	Llandudno Jn. to Blaenau Ffestiniog	LJT1	LNW North	04/05/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Llandudno Jn		223 12 0 30			<div>ET Llandudno Jn SB (LJ)</div> <p>GSM-F</p> <p>Llandudno Jn. (LJ) box area to Glan Conwy.</p> <p>Person in charge at Llandudno Jn station is authorised to receive and deliver the token.</p> <p>'D&UP'B ='Down & Up' Branch Down to Blaenau Ffestiniog Up to Llandudno Jn</p>
Glan Conwy LC (AHBC)		0 55 1 00 *	T		Platform Lengths: Glan Conwy Platform Up 106m (116 yds) Platform Down 106m (116 yds)
GLAN CONWY		1 39			ET Llanrwst SB (LT) RA7
Meddiant No.3 LC (UWC)		2 61	T		
Hendre Waelod No.1 LC (UWC)		2 68	T		
Meddiant No.4 LC (UWC)		2 75	T		
Meddiant No.5 LC (UWC)		3 03	T		
Hendre Waelod No.2 LC (UWC)		3 22	T		
TAL-Y-CAFN		5 05			
Tal-y-Cafn LC (MCG)		5 08	T		See Local Instruction for Tal-y-Cafn. Platform Lengths: Tal-y-Cafn Platform Up 107m (117 yds) Platform Down 107m (117 yds)
Meddiant Isaf LC (UWC)		5 23	T		
Brickfield LC (UWC)		5 62	T		
(Start/end diagram)		5 62			

LNW North Route Sectional Appendix Module NW3

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
NW3015	002	Llandudno Jn. to Blaenau Ffestiniog			LJT1	LNW North	19/10/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
(Start/end diagram)		5 62	<div> <div>'D&U'M</div> <div>45</div> </div>			ET	Llanrwst SB (LT)
Tan-yr-Alft LC (UWC)		6 15	<div> <div>T</div> <div>---</div> </div>			'D&U'M='Down & Up' Main	
Tan-y-Tallt LC (UWC)		6 32	<div> <div>T</div> <div>---</div> </div>			Down to Blaenau Ffestiniog	
Ynys LC (UWC) (NW3015)		6 65	<div> <div>T</div> <div>---</div> </div>			Up to Llandudno Jn	
Dytto Farm LC (UWC)		6 74	<div> <div>T</div> <div>---</div> </div>				
Morfa-Rhydd-y-Pwll LC (UWC)		7 04	<div> <div>T</div> <div>---</div> </div>				
Troed-yr-Rhin LC (UWC) (Morfa No.2)		7 18	<div> <div>T</div> <div>---</div> </div>				
Bryn LC (UWC) (NW3015)		7 42	<div> <div>T</div> <div>---</div> </div>				
Bod Hyfryd LC (UWC)		7 48	<div> <div>T</div> <div>---</div> </div>				
DOLGARROG		8 12	<div> <div></div> <div></div> </div>			Platform Lengths: Dolgarrog	
Dolgarrog (UWC)		8 13	<div> <div>T</div> <div>---</div> </div>			Platform Up 41m (45 yds)	
			<div> <div>45</div> <div>DOWN & UP MAIN</div> </div>			Platform Down 41m (45 yds)	
Abbey Farm (UWC) (NW3015)		8 76	<div> <div>T</div> <div>---</div> </div>				
Maenon (UWC)		9 20	<div> <div>T</div> <div>---</div> </div>				
Dolfadog LC (UWC)		9 38	<div> <div>T</div> <div>---</div> </div>				
Tyn-Ddol LC (UWC)		9 73	<div> <div>T</div> <div>---</div> </div>				
Tan Lan LC (UWC)		10 31	<div> <div>T</div> <div>---</div> </div>				
(Start/end diagram)		11 03	<div> <div>45</div> <div>'D&U'M</div> </div>				

GSM-R



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NW5001 (CREWE NORTH JN TO MANCHESTER PICCADILLY)

Location	Line(s) Affected	Mileage (Between)
Goostrey – Peover Viaduct	Up Wilmslow, Down Wilmslow	168 m 30 ch to 170 m 00 ch
Heaton Norris Jn – Levenshulme	Up Slow, Up Fast, Down Fast, Down Slow	183 m 56 ch to 185 m 60 ch

Dated: 11/05/2024**NW5003 (WILMSLOW TO SLADE LANE JN (STYAL LINES))**

Location	Line(s) Affected	Mileage (Between)
Styal Jn – Styal station	Up Styal, Down Styal	0 m 60 ch to 1 m 30 ch
Heald Green – Slade Lane Jn	Up Styal, Down Styal	4 m 07 ch to 8 m 30 ch

Dated: 11/05/2024**NW5008 (NORTON BRIDGE TO STONE JN.)**

Location	Line(s) Affected	Mileage (Between)
Yarnfield Junction and Stone	Down Norton Bridge	0 m 40 ch to 0 m 05 ch
Stone Jn and Yarnfield Junction	Up Norton Bridge	0 m 00 ch to 0 m 10 ch

ARCHIVED: 24/08/2024**NW5009 (COLWICH JN TO CHEADLE HULME)**

Location	Line(s) Affected	Mileage (Between)
Barlaston LC (CCTV) and Stone Jn	Up main	25 m 60 ch to 27 m 00 ch
Macclesfield Tunnel and Cheadle Hulme	Down Stoke, Up Stoke (Stoke lines)	7 m 40 ch to 0 m 00 ch

Dated: 24/08/2024**NW5011 (HEATON NORRIS JN TO GUIDE BRIDGE STATION JN)**

Location	Line(s) Affected	Mileage (Between)
Heaton Norris Jn – Ash Bridge Jn	Up Goods Loop, Up Branch, Down Branch	0 m 10 ch to 0 m 50 ch

Dated: 01/06/2024**NW5012 (FOLEY CROSSING (EXCL.) TO STOKE JN.)**

Location	Line(s) Affected	Mileage (Between)
Foley Crossing SB and Stoke Jn	Down (Derby line)	0 m 40 ch to 0 m 00 ch

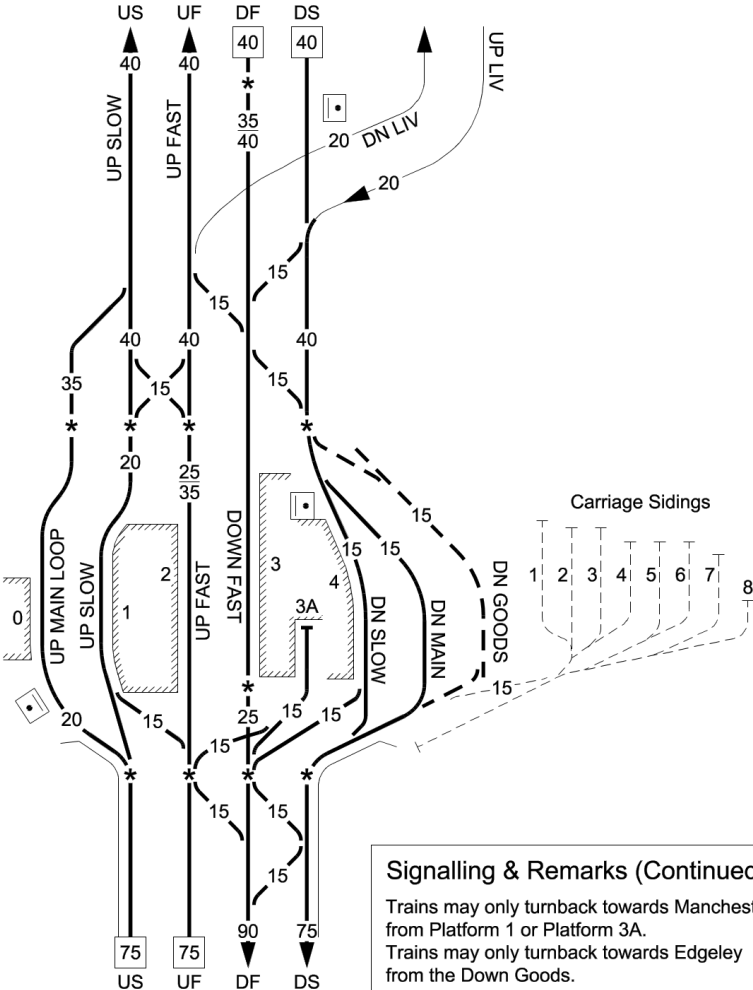

Dated: 07/10/06**NW5015 (HADFIELD TO ARDWICK JN)**

Location	Line(s) Affected	Mileage (Between)
Dinting West Jn – Hattersley	Up Main, Down Main	10 m 20 ch to 9 m 20 ch

Dated: 25/05/2024

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LNW North Route Sectional Appendix Module NW5

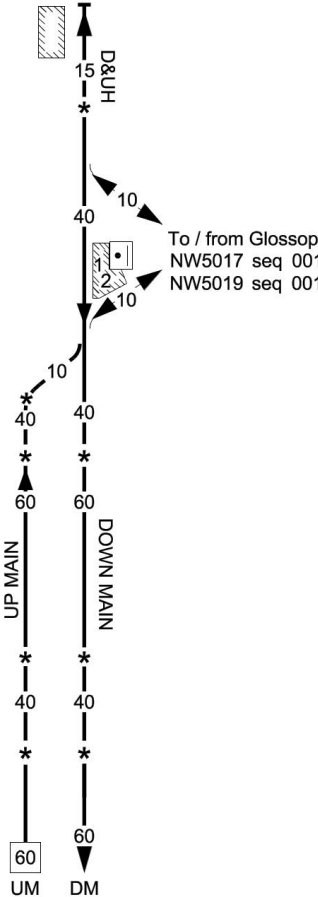
LOR	Seq.	Line of Route Description		ELR	Route	Last Updated	
NW5001	009	Crewe North Jn to Manchester Piccadilly			CMP2	North West	21/09/2024
Location		Mileage M Ch		Running lines & speed restrictions		Signalling & Remarks	
(Start / end of diagram)		182	46			<div><div>AB</div><div>Edgeley Junction No.2 SB (EY2)</div><div>AC: Crewe</div></div> <div></div> <p>Note: The Down Liverpool and Up Liverpool lines are NOT electrified. For details of the Liverpool lines, see: NW3023 seq 001</p> <p>DN LIV: Down Liverpool. UP LIV: Up Liverpool.</p> <div>Stockport No.1 SB (ST1)</div> <p>Standages: Up Main Loop: 288 metres (315 yards). Down Main: 221 metres (242 yards). Down Goods: 269 metres (294 yards). Platform 3A line: 128 metres (140 yards).</p> <p>Permissive Working: PP-A / PP-C authorised in Platforms 1, 2, 3 and 4. PP authorised in Platform 3A. PF authorised on the Down Goods.</p> <div>Stockport No.2 SB (ST2)</div> <p>Platform lengths: Stockport. Platform 0: 141 metres (154 yards). Platform 1 (trains turning back): 263m (288yds). Platform 1 (through trains): 276 metres (302 yards). Platform 2: 268 metres (293 yards). Platform 3: 283 metres (309 yards). Platform 3A: 95 metres (104 yards). Platform 4 (trains starting from this platform): 211 metres (231 yards). Platform 4 (through trains): 247 metres (270 yards).</p> <p>Through trains using all of Platform 1 will lock the points at the north end of this platform. Through trains using all of Platform 4 will prevent access to the Down Main and Down Goods.</p>	
Edgeley Junction No.2 SB		182	50 *				
		182	54				
Edgeley Jn No.2		182	59				
		182	70 *				
Stockport No.1 SB		182	73				
STOCKPORT		183	01				
Stockport No.2 SB		183	07 *				
		183	08				
Stockport Viaduct (542 metres / 593 yards)		183	10				
		183	12 *				
(Start / end of diagram)		183	30	<div><div>75</div><div>US</div></div> <div><div>75</div><div>UF</div></div> <div><div>90</div><div>DF</div></div> <div><div>75</div><div>DS</div></div>		<div>Signalling & Remarks (Continued)</div> <p>Trains may only turnback towards Manchester from Platform 1 or Platform 3A. Trains may only turnback towards Edgeley from the Down Goods.</p>	

LNW North Route Sectional Appendix Module NW5

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW5001	010	Crewe North Jn to Manchester Piccadilly	CMP2	North West	11/05/2024
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
(Start / end of diagram)	183 30		<div> <div>AB</div> <div>Heaton Norris Junction SB (HN)</div> <div>AC: Crewe</div> </div> <div> <div>GSM-R</div> <div></div> </div> <p>(TCB from 183m 49ch on the Down Fast and Down Slow lines. AB from 183m 38ch on the Up Fast and Up Slow lines).</p> <div>TCB</div> <p>ERS: Engine Release Siding. EHS: Engine Holding Siding. UGL: Up Goods Loop.</p> <p>Note: The Up Branch, Down Branch, Up Goods Loop, Engine Release Siding and Engine Holding Siding are NOT electrified.</p> <p>Exceptionally Poor Rail Adhesion: The Up Slow, Up Fast, Down Fast and Down Slow lines between 183m 56ch (i.e. Heaton Norris Jn) and 185m 60ch.</p> <p>Platform lengths: Heaton Chapel. Platform 1: 155 metres (170 yards). Platform 2: 155 metres (170 yards).</p> <div> <div>Manchester Piccadilly SCC (MP)</div> <div>Longsight Panel</div> </div> <p>Platform lengths: Levenshulme. Platform 1: 144 metres (157 yards). Platform 2: 142 metres (155 yards).</p>		
Stockport Viaduct (542 metres / 593 yards)	183 37				
(Engine Holding Siding buffer stops)	183 49				
Heaton Norris Jn	183 56				
Heaton Norris Junction SB	183 63				
(Up lines crossover)	183 65				
	183 74 *				
Heaton Chapel WILD	184 27				
HEATON CHAPEL	184 47				
Levenshulme OHNS	185 65				
LEVENSHULME	186 01				
(Start / end of diagram)	186 10				

LNW North Route Sectional Appendix Module NW5

LOR	Seq.	Line of Route Description			ELR			Route	Last Updated
NW5013	001	Denton Jn to Ashton Moss North Jn			DJO1	DJO2	AMJ	North West	28/09/2024
Location		Mileage M Ch	Running lines & speed restrictions				Signalling & Remarks		
Denton Jn		4 10					<div>TCB Denton Junction SB (DJ) </div> <p>UG-B: Up Guide Bridge. DG-B: Down Guide Bridge.</p> <p>Down Main and Up Main lines on NW5015 are provided with 25kV AC overhead electrification, controlled from Crewe ECR.</p> <div>Manchester ROC Manchester North Workstation (MN)</div> <p>Axle counter area: • Up Crowthorne line: from Ashton Moss North Jn to 4m 46ch (ELR: DJO1). • Down Crowthorne line: from 0m 78ch (ELR: DJO2) to Ashton Moss North Jn.</p> <p>For Explanation of Table A terms and symbols, see NW0001 seq 001</p> <div>AC: Crewe</div> <p>NOTE: Only the Down Ashton line, Up Ashton line, and the Up Crowthorne line from Ashton Moss North Jn to Limit of Electrification, are provided with AC overhead electrification.</p> <p>Mileage in round brackets () is NW7021 mileage with ELR: MVL1.</p>		
Denton Junction SB		4 13							
(Intersection bridge)		4 58							
Crowthorn Jn, former site of (ELR & mileage change)		5 28	DJO1						
		0 53	DJO2						
M60 Motorway / A635 Manchester from		0 55							
Road Overbridge (143m / 156yds) to		0 62							
(ELR & mileage change)		1 19	DJO2						
		0 00	AMJ						
Ashton Moss South Jn, former site of		0 02 *							
(Limit of electrification)		0 20							
		0 26 *							
(Start of Up Crowthorne line)		0 31 *							
		0 35							
Ashton Moss North Jn		0 40 (5 42)							
(End of Down Crowthorne line)		0 45							

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW5015	001	Hadfield to Ardwick Jn	HAJ	North West	25/05/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
<div>HADFIELD</div> <div>Dinting East Jn</div> <div>Dinting SB</div> <div>DINTING</div> <div>Dinting West Jn</div> <div>(Start / end of diagram)</div>		12 61	<div></div>		<div>OT</div> <div>Dinting SB (DG) AC: Crewe</div> <div>GSM-R</div> <div>Platform lengths: Hadfield. 108 metres (118 yards).</div> <div>D&UH: 'Down & Up' Hadfield.</div> <div>Platform lengths: Dinting. Platform 1: 108 metres (118 yards).</div> <div>AB</div> <div>Exceptionally Poor Rail Adhesion: Up Main and Down Main lines between 10m 20ch and 9m 20ch.</div>
		12 42 *			
		12 00			
		11 72			
		11 72			
		11 66			
		11 59 *			
		11 40 *			
		10 20 *			
		10 00 *			
(Start / end of diagram)		9 70			

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LNW North Route Sectional Appendix Module NW6

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
NW6001	007	Manchester Piccadilly East Jn. to Euxton Jn.			MVE1	LNW North	07/08/2021
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Farnworth Tunnel (270m/295yd)		8 25				TCB Manchester Piccadilly SCC (MP) Windsor Bridge Panel AC: Crewe	
FARNWORTH		8 31				GSM-R 	
MOSES GATE		9 06				Platform Lengths: Farnworth Up: 100 metres (109 yards) Down: 100 metres (109 yards)	
		9 08 *				Platform Lengths: Moses Gate Up: 85 metres (93 yards) Down: 85 metres (93 yards)	
		9 56 *					
		9 64 *					
		9 74 *					
Burden Jn		10 09					
		10 18					
		10 20 *				P5 - Platform 5 line	

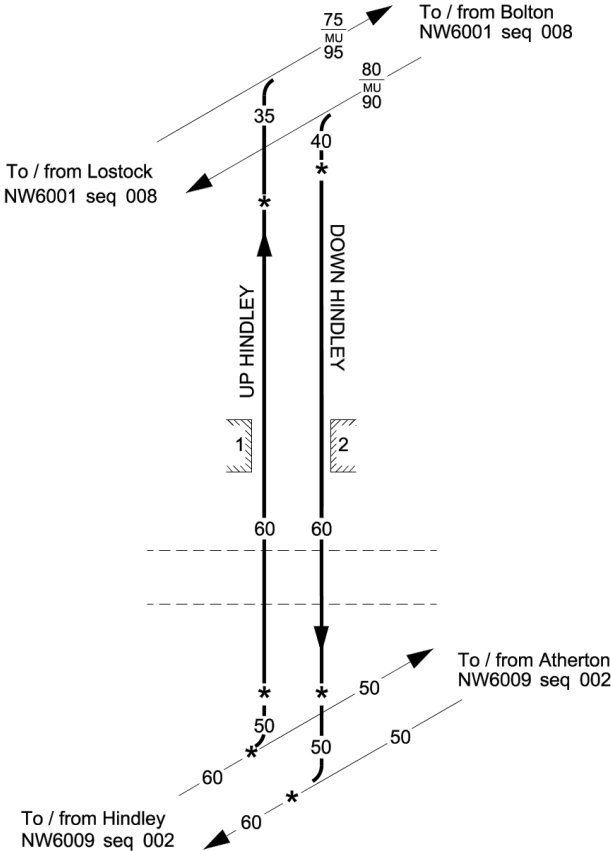

LNW North Route Sectional Appendix Module NW6

LOR	Seq.	Line of Route Description			ELR			Route	Last Updated
NW6001	008	Manchester Piccadilly East Jn to Euxton Jn			MVE1	MVE2	BBB	North West	26/10/2024
Location		Mileage M Ch	Running lines & speed restrictions				Signalling & Remarks		
(Start / end of diagram)		10 23					TCB Manchester Piccadilly SCC (MP) Windsor Bridge Panel AC: Crewe GSM-R		
Bolton East Jn		10 26					P5 - Platform 5 line		
		10 31					Down direction trains can turn back in Platform 5 at Bolton.		
Change of ELR (MVE1/MVE2)		10 37 *					Platform Lengths: Bolton		
		10 40 *					Platform 1 Permissive PP -A		
		10 41 *					Up 187 metres (205 yards)		
							Down 124 metres (136 yards)		
BOLTON		10 50					Platform 2 Permissive PP		
		10 52 *					113 metres (124 yards)		
Bolton West Jn		10 55 *					Platform 3 Permissive PP -A		
							Up 305 metres (334 yards)		
							Down 222 metres (243 yards)		
							Platform 4 Permissive PP-A in the Down direction		
							PP-C in the Up direction		
							252 metres (276 yards)		
							Platform 5		
							271 metres (296 yards)		
Moor Lane Tunnels		10 71 *					UD : Up Darwen		
							DD : Down Darwen		
							Platforms 1 & 2 have ELR: BBB		
DB - 70 metres (77 yards)		11 01					Semi-Automatic Track Warning System (SATWS)		
UB - 86 metres (94 yards)		11 05					provided at Lostock Junction, between 13m 30ch		
		11 45 *					and 13m 46ch. See General Instructions.		
		12 02 *					Platform Lengths: Lostock		
Lostock Jn		13 39 *					Platform 1: 155 metres (170 yards)		
							Platform 2: 156 metres (171 yards)		
LOSTOCK		13 52							
		13 61 *							
(Start / end of diagram)		14 60							

LNW North Route Sectional Appendix Module NW6

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
NW6011	003	Bolton East Jn. to Blackburn Bolton Jn.			BBB	LNW North	08/12/2019
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Darwen South Jn		19 19 *				<div>TCB Preston SB (PN)</div> <div>GSM-R</div> <div> <p>U&DD: Up & Down Darwen DD: Down Darwen UD: Up Darwen</p> <p>Platform Lengths: Darwen Platform 1: 94 metres (103 yards) Platform 2: 94 metres (103 yards)</p> <p>(PF) 'Up & Down' Goods.</p> <p>CW. 'Up & Down' Darwen at 24m 01ch (facing in Down direction)</p> </div>	
DARWEN		20 07 *					
		20 27					
		20 43 *					
		20 79 *					
Darwen North Jn		21 25 *					
		23 40 *					
Blackburn Bolton Branch Jn		23 60					
Blackburn Bolton Jn		24 08					
		10 11					

LNW North Route Sectional Appendix Module NW6

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
NW6013	001	Lostock Jn to Crow Nest Jn			LCN	North West	26/10/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Lostock Jn		13 39				TCB Manchester Piccadilly SCC (MP) Windsor Bridge Panel AC: Crewe 	
(Limit of Electrification)		14 14				Semi-Automatic Track Warning System (SATWS) provided at Lostock Junction, between 13m 39ch and 13m 51ch. See General Instructions.	
WESTHOUGHTON		15 25				Platform lengths: Westhoughton Platform 1: 96 metres (105 yards). Platform 2: 99 metres (108 yards).	
Westhoughton Golf Course LC (FP)		15 64				Manchester Piccadilly SCC (MP) Crow Nest Workstation	
Crow Nest LC (FP)		16 30				<input checked="" type="checkbox"/> Staff Lockouts provided on all lines at Crow Nest Junction. Semi-Automatic Track Warning System (SATWS) provided at Crow Nest Junction, between 17m 11ch and 14m 68ch. See General Instructions.	
Crow Nest Jn		17 08 *					
		17 18 *					
		14 64					

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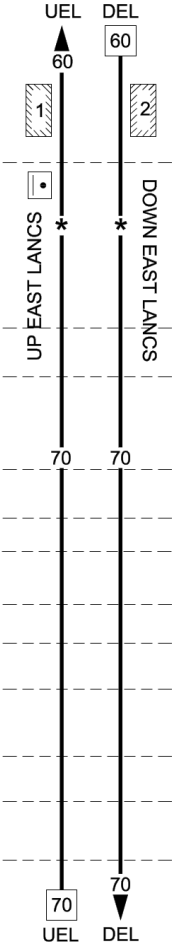

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LNW North Route Sectional Appendix Module NW7

LOR	Seq.	Line of Route Description	ELR		Route	Last Updated	
NW7009	003	Farington Curve Jn to Hall Royd Jn (East Lancs lines)	FHR4		North West	26/10/2024	
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
(Start / end of diagram)		2 26				<div>TCB Preston PSB (PN) 'B' Panel</div> <div>Platform Lengths: Bamber Bridge Platform Up 75m (82 yds) Platform Down 79m (86 yds)</div>	<div>GSM-R</div> <div></div>
BAMBER BRIDGE		2 29					
Bamber Bridge LC (MCB)(not block post)		2 32					
		2 34 *					
Bradkirk Lane LC (FP)		3 04					
Hospital LC (CCTV)		3 24					
Bank Head LC (UWC)		3 52					
Willow Farm Wood LC (FP)		3 66					
Coopers LC (UWC)		3 70					
Oram's No.1 LC (FP)		4 00					
Oram's No.2 LC (FP)		4 08					
Oram's No.3 LC (UWC)		4 14					
Gregson Lane LC (UWC & FP)		4 21					
Jack Green LC (FP)		4 30					
Mintholme LC (CCTV)		4 49					
(Start / end of diagram)		5 00					

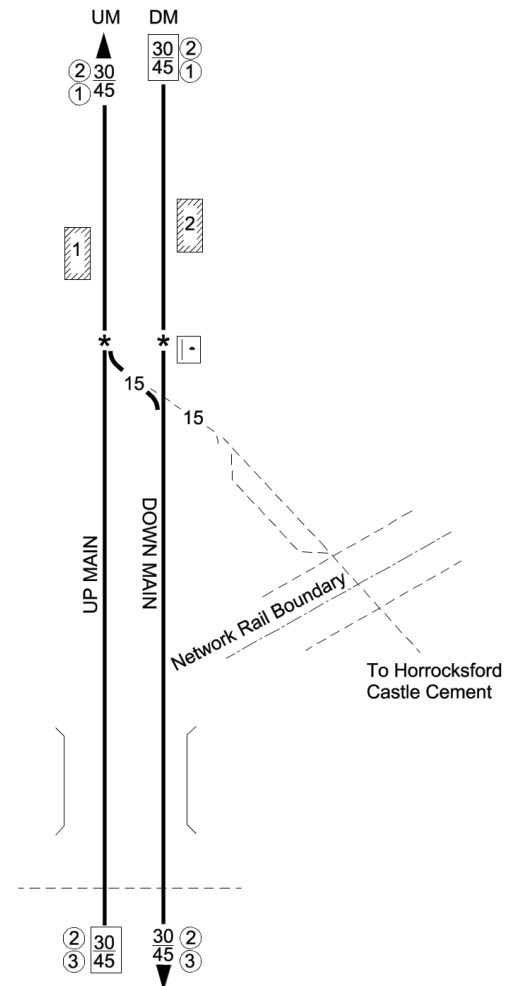

LNW North Route Sectional Appendix Module NW7

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW7009	004	Farington Curve Jn to Hall Royd Jn (East Lancs lines)	FHR4	North West	08/06/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Start / end of diagram)		5 00	<div><div>UEL DEL</div><div><div>70</div><div>70</div></div><div>X35 </div></div>		

LNW North Route Sectional Appendix Module NW7

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW7013	002	Daisyfield Jn. to Hellifield	DJH	LNW North	24/09/2016
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
LANGHO		15 51			<p>AB Daisyfield SB (DS) </p> <p>① Applies to Class 1,2,3 and 5 trains composed entirely of bogie coaching stock vehicles, and also to Class 142 trains.</p> <p>② Applies to all other trains</p> <p>Platform Lengths: Langho Platform 1 : 74 metres (81 yards) Platform 2 : 74 metres (81 yards)</p> <p>Platform Lengths: Whalley Platform 1 : 74 metres (81 yards) Platform 2 : 74 metres (81 yards)</p> <p>Axle Counter area: Down line : to 16m 17ch Up line : from 20m 72ch to 17m 25ch</p> <p>Horrocksford Jn SB (HJ)</p>
Whalley Viaduct (588 metres / 643 yards)		17 27 to 17 58			
WHALLEY		17 60			
Primrose Viaduct (117 metres / 128 yards)		20 21 to 20 28			
Low Moor LC (CCTV)		20 77			

LNW North Route Sectional Appendix Module NW7

LOR	Seq.	Line of Route Description			ELR		Route	Last Updated
NW7013	003	Daisyfield Jn to Hellifield			DJH	HOK	North West	26/10/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks		
(Start / end of diagram)		21 10				<div> <div>AB</div> <div>Horrocksford Jn SB (HJ)</div> <div>GSM-R</div> <div></div> </div> <p>① Applies to Class 1, 2, 3 and 5 trains composed entirely of bogie coaching stock vehicles, and also to Class 142 trains.</p> <p>② Applies to all other trains</p> <p>Platform Lengths: Clitheroe Platform 1 : 74 metres (81 yards) Platform 2 : 74 metres (81 yards)</p> <p>Mileages in brackets applies to the Castle Cement Siding from Horrocksford Jn (ELR: HOK)</p> <p>③ Applies to Class 1, 2, 3 and 5 trains composed entirely of bogie coaching stock vehicles.</p> <p>② Applies to all other trains</p>		
CLITHEROE		21 26						
Horrocksford Junction SB		21 60 *						
Horrocksford Jn		(0 00)						
Johnson Matthey LC (TMO)		(0 36)						
(Network Rail boundary)		(0 40)						
Level Crossing (TMO)		(0 41)						
Swanside Viaduct (101 metres / 110 yards)		from 24 70						
		to 24 75						
Cowgill LC (FP)		26 37						
(Start / end of diagram)		27 00						

NW7001 - MANCHESTER VICTORIA WEST JN. TO HEBDEN BRIDGE

MANCHESTER VICTORIA

Working of steam locomotives. Steam locomotives and steam hauled trains must be routed into platforms 3 and 4 only. Drivers must bring their trains to a stand at the platform starting signals, clear of the station roof. They must ensure that excessive smoke is not emitted and that there is no excessive escape of steam from the safety valve.

Starting of trains from platforms - additional instructions to *Rule Book Module SS1, Section 3.4*.

Except for light locomotives, the READY-TO-START signal must be given by means of the right away (RA) indicator.

On trains that do not have an opening window by the door controls, the guard must close all passenger doors, leaving the local door open. When the person in charge of the platform has given the STATION WORK COMPLETE signal, the guard must give the READY-TO-START signal to the person in charge of the platform, before closing the local door. The person in charge of the platform must ensure that the local door is shut and the hazard light is extinguished before pressing the RA plunger.

Dated: 09/12/2023

NW7001 - MANCHESTER VICTORIA WEST JN. TO HEBDEN BRIDGE

Newton Heath TMD

When a movement requires to enter Newton Heath Traction Maintenance Depot, the signaller at Manchester ROC – Manchester North Workstation must request the slot from the Northern Trains Operations Team Leader at Newton Heath Traction Maintenance Depot.

The Northern Trains Operations Team Leader must only give the slot when satisfied that the movement can be made safely and no other conflicting movement has been authorised.

Dated: 07/04/15

NW7001 - MANCHESTER VICTORIA WEST JN. TO HEBDEN BRIDGE

Castleton South Jn

A restriction is imposed for all trains at Castleton South Junction. The restriction is required due to a weight restriction on Bridge 48A, which traverses the M62 motorway at Castleton South Junction. The restriction will continue until the structure has been renewed.

Trains or vehicles must not be allowed to pass any other train/vehicle over this structure on the adjacent line.

Before allowing any train or vehicle to proceed beyond either signal CE49, CE52 or CE60 in the Up direction, the signaller at Castleton East Junction SB will maintain signals CE34/CE39/CE40 and CE1 at danger until the train or vehicle has passed clear of Bridge 48A.

Before allowing any train or vehicle to proceed beyond signals CE34/CE39/CE40 or CE1 in the Down direction, the signaller at Castleton East Junction SB will maintain signals CE49, CE52 and CE60 at danger until the train or vehicle has passed clear of Bridge 48A.

The restriction will be managed by the signaller at Castleton East Junction signal box.

There is a 20/40mph temporary speed restriction over the bridge. The 40mph applies to DMUs only. Light engines and/or light engines and stock must not exceed 20mph.

ARCHIVED 28/09/2024

NW7001 – MANCHESTER VICTORIA WEST JN TO HEBDEN BRIDGE

Summit Tunnel, Dean Royd Tunnel and Winterbutlee Tunnel

Due to limited clearances traincrews must not put their heads out when passing through these tunnels

Owing to restricted 'window box' clearances in these tunnels, passenger trains composed of stock with opening windows (other than those of the "ventilator" type) are prohibited from traversing these tunnels, except where special authority is granted. When authority is granted for passenger trains the following conditions apply:

1. The train running must be published in a Special Traffic Notice.
2. To mitigate the risk of limited clearances to passengers while passing through the tunnels:
 - a) All passengers must be advised by public address and in writing not to lean out of windows
 - b) The train must be staffed by a Train Manager and Stewards, who will be briefed by the Train Manager.
 - c) Prior to passing through the tunnels, an announcement must be made using the public address system to instruct all passengers not to lean out of the windows during the passage of the train through the tunnels. Stewards must pass through all vehicles and repeat the instruction to all passengers.

Dated: 16/04/2022

NW7005 - CASTLETON EAST JN. TO HOPWOOD G.F.

Hopwood GF

The line on the Bury side of Hopwood Ground Frame (GF) is operated by the East Lancashire Railway (ELR). On arrival at the "Stop" board at the Network Rail/ELR boundary drivers of trains from the Castleton direction must hand over the train staff to the ELR person in charge (PIC) and then work to the instruction of the PIC. When the GF has been restored to normal, arrangements must be made for the train staff to be returned to Castleton East Jn. signal box. If it is necessary to make a movement from the ELR arrangements must be made for the train staff to be conveyed to Hopwood GF and handed to the ELR PIC to allow the GF to be released.

Drivers of trains from the Hopwood direction may draw onto the single line, clear of Hopwood GF without the train staff, but must ensure they obtain the train staff from the ELR PIC before departing for Castleton.

Dated: 07/10/06

NW7009 - FARINGTON CURVE JN. TO HALL ROYD JN. (EAST LANCS LINES)

Whittle International GF

Drivers of trains requiring to set-back into Whittle International private siding must bring their train to a stand with the locomotive at the '25 SLU' marker board.

White light set-back signals are provided to assist with the set-back movement into the sidings. The shunter must get permission from Company's supervisor before authorising any movement into the siding. The shunter must then authorise the driver to commence the set-back movement into the siding in accordance with the requirements of *Rule Book Module SS2*.

The driver must bring the train to a stand immediately if the white light set-back signals are extinguished during the set-back movement.

Once the locomotive has passed the last white light set-back signal they must be extinguished. The driver must then work to the shunters instructions.

Dated: 07/10/06

NW7009 - FARINGTON CURVE JN. TO HALL ROYD JN. (EAST LANCS LINES)

Hospital LC (CCTV) To Mintholme LC (CCTV)

If a train is detained at signals PN.481, PN.482, PN.483 or PN.484 and the telephone has failed, the driver may use any telephone connected to Bamber Bridge Station level crossing frame.

Dated: 07/10/06

NW7009 - FARINGTON CURVE JN. TO HALL ROYD JN. (EAST LANCS LINES)

BLACKBURN

Remote platform starting signals. Trains must not depart Blackburn station platform 4 in the up (Preston) direction, until signal PN.441 has been cleared. A signal post telephone for PN.441 has been provided at the Blackburn Bolton Jn end of the platform.

Trains must not depart Blackburn platform 4 in the down (Clitheroe/Burnley) direction, until signal PN.435 has been cleared.

Traincrew relief. Drivers of up trains stopping at Blackburn for traincrew relief, must bring their train to a stand at either signals PN.437, PN.439, PN.441 or PN.443.

Dated: 03/07/17

NW7009 - FARINGTON CURVE JN. TO HALL ROYD JN. (EAST LANCS LINES)

Holme Tunnel

Due to limited clearances traincrews must not put their heads out when passing through Holme Tunnel. Diesel multiple unit trains composed of slam-door stock must be equipped with barred windows.

Excursions and diverted services composed of stock with slam doors that are required to pass through the tunnel may do so provided 'on board' warnings of restricted clearances are given to passengers by the guard.

Dated: 07/10/06

NW7013 - DAISYFIELD JN. TO HELLIFIELD

Daisyfield SB To Horrocksford Jn SB

TS1 Section Line Blockages in axle counter areas

In the axle counter sections listed below the "Engineering" mode must be selected when a line blockage is granted, as shown in TS1 Section 13. Trolleys may be used under this procedure.

Daisyfield: Down line only. From signal DS8 to Horrocksford Junction signal HJ 8.

Horrocksford Junction: Up line only. From signal HJ3 to Daisyfield signal DS12.

Dated: 17/05/14

NW7013 - DAISYFIELD JN. TO HELLIFIELD

RAMSGREAVE & WILPSHIRE

The Driver of a train which is stationary at Ramsgreave & Wilpshire station must not leave the driving cab except in emergency or if necessary in connection with the rules & regulations. In such circumstances the parking brake must be applied before leaving the cab.

Dated: 07/10/06

NW7013 - DAISYFIELD JN. TO HELLIFIELD**LANGHO**

The Driver of a train which is stationary at Langho station must not leave the driving cab except in emergency or if necessary in connection with the rules & regulations. In such circumstances the parking brake must be applied before leaving the cab.

Dated: 07/10/06

NW7013 - DAISYFIELD JN. TO HELLIFIELD**CLITHEROE**

Starting of passenger trains from Clitheroe station. One minute before an up train is due to depart from Clitheroe station, the guard must advise the signaller at Horrocksford Junction box, by telephone, that the train is ready to depart. The train must not depart until Horrocksford Junction up main starting signal has been cleared.

Dated: 07/10/06

NW7013 - DAISYFIELD JN. TO HELLIFIELD**Horrocksford Jn SB**

Movements crossing from the down line to the up line. Except during fog or falling snow, when authorised to pass the down main starting signal at danger for the purpose of shunting from the down line to the up line at Horrocksford Junction, drivers must **not** sound the horn and *Rule Book Module S5, Part A, Section 4, Clause 4.1 (a)* does not apply in this respect.

ARCHIVED: 05/10/24

NW7017 - GANNOW JN. TO COLNE**Modified Working over the Up & Down Colne line**

When Modified Working is in operation over the Up and Down Colne line between Gannow Junction and Colne the driver of an Up direction train must advise the signaller at Preston PSB A panel that the train is complete with tail lamp when the train is clear of the single line. If the train is booked to stop at Rose Grove Station the driver must use GMSR to do this when stationary in the platform. If the train is not booked to stop at Rose Grove Station the driver will be stopped at Signal PN372 on the approach to Rose Grove Station instead.

Assistance to a failed train between Brierfield Station and Colne

If a train fails between Brierfield station and Colne and requires assistance, the driver of the assisting train will be stopped at either signal PN368 or signal PN369 at Gannow Junction. Before being authorised to pass the signal at danger, the driver will be instructed to stop at signal PN553 at Brierfield OD Level Crossing and obtain further instructions from the signaller at Preston PSB A panel.

Dated: 01/12/14

NW7017 - GANNOW JN. TO COLNE**Brierfield MCB-OD Level Crossing**

Signals PN552 and PN553 are non-block stop signals that are provided for the protection of Brierfield MCB-OD level crossing on the Up & Down Colne line. They must not be used for taking Line Blockages or Rule Book Section T3 possessions.

Dated: 29/09/14

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LNW North Route Sectional Appendix Module NW9

LOR	Seq.	Line of Route Description			ELR		Route	Last Updated
NW9001	001	Dore West Jn to Edgeley Jn No.1 (Hope Valley lines)			DWS	MAS	North & East	26/10/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks		
(Up Hope Valley connection)		(154 64)				<div> <div>TCB</div> <div>York ROC</div> <div>Sheffield Outer Workstation (DE)</div> </div> <div>GSM-R</div> <p>Mileages in round brackets () are LN804 mileages with ELR: TJC1.</p> <p>☒ Lockouts: DE9024: LOD(K): Up Main, Down Main and Down Hope Valley lines at Dore Station Jn. DE9025: LOD(K): Up Hope Valley and Down Main lines at Dore Station Jn.</p> <p>Platform lengths: Dore & Totley. See London North Eastern Sectional Appendix.</p> <p>Axle counter area: - from 0m 09ch on the Down Hope Valley line. - to 0m 32ch on the Up Hope Valley line.</p> <p>For Explanation of Table A terms and symbols, see NW0001 seq 001</p> <p>☒ Lockouts (device locations are approximate): DE9020: LOD(T): Up Hope Valley and Down Hope Valley lines between Dore West Jn and Grindleford Down Siding connection (inclusive). DE9021: LOD(K): Up Hope Valley and Down Hope Valley lines between Dore West Jn and Totley Tunnel.</p> <p>DS: Dore Single. UHV: Up Hope Valley. DHV: Down Hope Valley.</p>		
Dore Station Jn		(154 54) 0 62 (154 53) * (154 52) *						
DORE & TOTLEY		0 27						
(Main lines start / end adjacent to Manchester line)		0 22 (154 15)						
		0 05 *						
		0 02 *						
(Change of mileage & ELR)		0 00						
		154 16						
(Sectional Appendix boundary)		154 20						
Dore West Jn		154 34 154 41 * 154 42 *						
(Start / end of diagram)		154 60						

LNW North Route Sectional Appendix Module NW9

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
NW9001	002	Dore West Jn to Edgeley Jn No.1 (Hope Valley lines)			MAS	North & East	26/10/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
(Start / end of diagram)		154 60				<div> <div>TCB</div> <div>York ROC</div> <div>Sheffield Outer Workstation (DE)</div> </div> <div>GSM-R</div>	
		154 74 *				Axle counter area throughout this diagram.	
		155 13 *				<input checked="" type="checkbox"/> Lockouts: DE9020: LOD(T): Up Hope Valley and Down Hope Valley lines between Dore West Jn and Grindleford Down Siding connection (inclusive). DE9021: LOD(K): Up Hope Valley and Down Hope Valley lines between Dore West Jn and Totley Tunnel.	
from		155 20				Trolleys must only be used in this tunnel when the line is blocked in accordance with Rule Book, Module T3.	
(Telephone)		155 74					
Totley Tunnel (5697 metres / 3 miles 950 yards)							
(Telephone)		156 73				Platform lengths: Grindleford. Platform 1: 95 metres (104 yards). Platform 2: 92 metres (101 yards). Up direction trains may turnback towards Chinley from Platform 2.	
(Telephone)		157 38					
		157 76 *					
(Telephone)		158 39				Standage: Grindleford Down Siding: 210 metres (230 yards).	
to		158 63					
		158 65 *					
GRINDLEFORD		158 70				<input checked="" type="checkbox"/> Lockouts (device locations are approximate): DE9019: LOD(K): Up Hope Valley and Down Hope Valley lines between Grindleford Down Siding connection (inclusive) and Totley Tunnel. DE9020: LOD(T): Up Hope Valley and Down Hope Valley lines between Dore West Jn and Grindleford Down Siding connection (inclusive).	
(Crossover)		159 04					
(Start / end of diagram)		159 20					

LNW North Route Sectional Appendix Module NW9

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
NW9001	003	Dore West Jn to Edgeley Jn No.1 (Hope Valley lines)			MAS	North & East	26/10/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
(Start / end of diagram)		159 20				<div> <div>TCB</div> <div>York ROC</div> <div>Sheffield Outer Workstation (DE)</div> </div> <div>GSM-R</div>	
Grindleford WILD		159 33 *				Axle counter area throughout this diagram.	
		159 34 *					
		159 45					
Hathersage East LC (FP) (R/G-X)		160 30				R/G-X: See General Instructions for OMSL.	
		160 42 *					
		160 47 *					
HATHERSAGE		160 60				Platform lengths: Hathersage. Platform 1: 95 metres (104 yards). Platform 2: 99 metres (108 yards).	
Hathersage Viaduct		from 161 00					
(116 metres / 127 yards)		to 161 06					
(Up Bamford Loop exit)		161 66				<div> <div>⊠</div> <div>Lockouts (device locations are approximate):</div> <div>DE9017: LOD(K): Up Hope Valley, Down Hope Valley and Up Bamford Loop at loop exit.</div> <div>DE9016: LOD(K): Up Hope Valley, Down Hope Valley and Up Bamford Loop at loop entrance.</div> </div> <div>Standage:</div> <div>Up Bamford Loop: 640 metres (700 yards).</div>	
(Up Bamford Loop entrance)		162 35					
BAMFORD		162 42					
(Start / end of diagram)		163 20				Platform lengths: Bamford. Platform 1: 98 metres (107 yards). Platform 2: 102 metres (112 yards). Exceptionally Poor Rail Adhesion: Up Main / Up Hope Valley line between 167m 00ch and 162m 00ch.	

LNW North Route Sectional Appendix Module NW9

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
NW9001	004	Dore West Jn to Edgeley Jn No.1 (Hope Valley lines)			MAS	North & East / North West	25/03/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
(Start / end of diagram)		163 20				<p>TCB York ROC Sheffield Outer Workstation (DE)</p> <p>GSM-R</p> <p>UHV: Up Hope Valley. DHV: Down Hope Valley.</p> <p>Platform lengths: Hope (Derbyshire). Platform 1: 95 metres (104 yards). Platform 2: 95 metres (104 yards).</p>	
HOPE (DERBYSHIRE)		164 26					
(Route boundary)		164 66				<p>AB Earles Sidings SB (ES)</p>	
(Shunting Neck buffer stops)		164 76				<p>AB from 165m 50ch on the Down Main. AB to 165m 20ch on the Up Main.</p>	
(Crossover)		165 05				<p>Axle counter area: - to 164m 66ch on the Down line. - from 164m 66ch on the Up line.</p>	
Earles Sidings SB		165 20	<p>Bottom Dead End</p> <p>QUARRY LINE</p> <p>To / from Hope Cement Works</p> <p>DOWN GOODS LOOP</p> <p>Top Dead End</p>			<p>Exceptionally Poor Rail Adhesion: Up Main / Up Hope Valley line between 167m 00ch and 162m 00ch.</p>	
(Connection to Down Main line)		165 35				<p>Standages: Down Goods Loop: 358 metres (392 yards). Siding 1: 358 metres (392 yards). Siding 2: 294 metres (322 yards). Siding 3: 243 metres (266 yards). Siding 4: 243 metres (266 yards). Siding 5: 262 metres (287 yards). Siding 6: 262 metres (287 yards). Siding 7: 109 metres (119 yards). Bottom Dead End: 173 metres (189 yards). Top Dead End: 122 metres (133 yards).</p>	
(Shunting Neck buffer stops)		165 40				<p>Permissive working: PF authorised on the Down Goods Loop.</p>	
(Start / end of diagram)		165 60				<p>For Explanation of Table A terms and symbols, see NW0001 seq 001</p>	

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NW9005 - CHINLEY NORTH JN. TO BUXTON

Dove Holes Tunnel

Numbered plaques are provided throughout the tunnel at 22-yard intervals and must be referred to when identifying locations within the tunnel.

A camera is installed within Doves Hole Tunnel at 165m 07ch, between plaques 45 and 46, to monitor flood water levels. If you see any flood water that might affect the passage of trains at this location, or anywhere else within the tunnel, then you must contact the signaller at Peak Forest South SB in accordance with Rule Book Module M3, Section 4 *Flood, flowing or pooling water*.

If you have already been advised by the signaller at Peak Forest South SB or Chinley SB of flood water that might affect the passage of trains within the tunnel at certain locations, then you must follow the signallers' instructions with regards to reporting back once you have passed through the tunnel.

Dated: 16/03/2024

NW9001 - DORE WEST JN. TO EDGELEY JN. NO.1 (HOPE VALLEY LINES)

Between Dore Station Jn and Totley Signal Box and Dore South Jn and Totley Signal Box Rule Book Module P2, Section 7.3: Modified Working Arrangements

When advised by Sheffield PSB that Modified Working Arrangements have been authorised on the: -

- Down Manchester single line between Dore Station Junction and Dore West Junction

or the

- Down Dore Curve signal line between Dore South Junction and Dore West Junction

The signaller at Totley will be instructed to confirm that trains travelling in the down direction are complete with tail lamp.

ARCHIVED: 05/10/24

NW9001 - DORE WEST JN. TO EDGELEY JN. NO.1 (HOPE VALLEY LINES)

Totley Tunnel

Reflectorised marker plates are provided at half-mile intervals throughout Totley Tunnel. These plates consist of a black number on a white background and are fixed to the recess walls of refuges on both sides of the tunnel. When reporting track defects or other incidents in the tunnel, the location must be identified from the nearest plates.

Dated: 07/10/06

NW9003 - CHINLEY EAST JN. TO CHINLEY SOUTH JN. (CHORD LINE)

Chinley East Junction To Chinley South Junction

Confirming 'Train arrived complete' on the Down & Up Chord line. When a train is brought to a stand on the Down & Up Chord line at signals CY158 or CY164 the guard, or driver of a DO train, must, after ensuring that the train is complete, advise the signaller at Chinley signal box by GSM-R or the nearest telephone.

Dated: 21/11/2020

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LNW North Route Sectional Appendix Module NW10

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
NW9903	002	Settle Jn to Carnforth Station Jn			SKW1	North West	19/10/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
(Start / end of diagram)		236 60				AB Settle Junction SB (SJ) 	
Tipperthwaite LC (FP)		237 24				<p>Wenning Viaduct (Br.77): maximum speed of 20mph applies to RA9/10 vehicles over this bridge on both lines - see Route Clearance table D5A.</p> <p>Platform lengths: Clapham. Up platform: 84 metres (92 yards). Down platform: 84 metres (92 yards).</p> <p>Telephone provided on Up platform.</p> <p>Farrer's Viaduct (Br.82): maximum speed of 10mph applies to RA9/10 vehicles over this bridge on both lines - see Route Clearance table D5A.</p>	
from		241 70					
to		241 75 *					
		241 76 *					
		241 79 *					
CLAPHAM (NORTH YORKSHIRE)		242 02					
		242 20 *					
Hazle Hall LC (UWC)		242 43					
Clapham Woods LC (FP)		242 78					
Skew LC (FP)		243 27					
from		243 79 *					
to		244 03 *					
(Start / end of diagram)		244 40					

LOR	Seq.	Line of Route Description	Mileage		ELR	Route	Last Updated	
NW9903	003	Settle Jn to Carnforth Station Jn	M	Ch	SKW1	North West	18/05/2024	
Location			Running lines & speed restrictions			Signalling & Remarks		
(Start / end of diagram)			244	40	<div><div>UB</div><div>DB</div><div>60</div><div>60</div><div>X50</div><div>X50</div><div>UP BRANCH</div><div>DOWN BRANCH</div><div>60</div><div>60</div><div>T</div><div>T</div><div>60</div><div>60</div><div>UB</div><div>DB</div></div>			<div><div>AB</div><div>Settle Junction SB (SJ)</div><div><div>GSM-R</div><div></div></div></div>
Spencers LC (R/G-X) (UWC)			244	61	<div>T</div>			
Greens Viaduct (55 metres / 60 yards)			from	245	15			
			to	245	18			
Public Footpath No.38 LC (FP)			245	71				
BENTHAM			246	23	<div>T</div>			
Duke Street LC (FP)			246	43				
Public Footpath No.22 LC (FP)			246	65				
Lower Bentham Viaduct (61 metres / 67 yards)			from	247	35			
			to	247	38			
Punch Bowl Viaduct (52 metres / 57 yards)			from	247	48			
			to	247	51			
Clintsfield Viaduct (44 metres / 48 yards)			from	248	31			
			to	248	33			
Clints Field LC (UWC)			248	52	<div>T</div>			
(Start / end of diagram)			249	20				
						<div>Exceptionally Poor Rail Adhesion: Up Branch and Down Branch lines between 245m 70ch and 246m 10ch.</div> <div>Platform lengths: Bentham. Up platform: 101 metres (110 yards). Down platform: 139 metres (152 yards).</div> <div>Telephone to Settle Junction SB provided on Up platform.</div> <div>Lower Bentham Viaduct (Br.95 & Br.96): maximum speed of 20mph applies to RA9/10 vehicles over this bridge on both lines - see Route Clearance table D5A.</div> <div>Carnforth Station Junction SB (CS)</div> <div>Exceptionally Poor Rail Adhesion: Up Branch and Down Branch lines between 247m 50ch and 247m 60ch.</div>		

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LNW North Route Sectional Appendix Module NWRC

Table D1A – Route clearance of diesel multiple units**Last Updated: 09/11/24**

To be read in conjunction with General Notes.

Line of route	ELR	Line of Route / Sector Description	0000	0000	0000	0000	150	153	155	156	158	159	Notes
			M	Ch	M	Ch							
NW1001	LEC2	Armitage Jn (MD101) (Sectional Appendix Boundary) – Rugeley North Jn	119	20	124	39	Y	E	E	Y	Y	Y	
NW1001	LEC2	Rugeley North Jn – Colwich Jn	124	39	127	05	Y	E	E	Y	Y	Y	
NW1001	LEC2	Colwich Jn – Stafford Trent Valley Jn No.1	127	05	133	06	Y	E	E	Y	Y	Y	
NW1001	LEC3	Stafford Trent Valley Jn No.1 – Change of ELR (North of Stafford)	133	06	133	60	Y	E	E	Y	Y	Y	
NW1001	LEC4	Change of ELR (North of Stafford) –Little Bridgeford Jn	133	60	137	42	Y	Y	Y	Y	Y	Y	
NW1001	LEC4	Little Bridgeford Jn – Heamies Bridge	137	42	140	00	Y	Y	Y	Y	Y	Y	
NW1001	LEC6	Little Bridgeford Jn – Heamies Bridge (Down Slow line only)	137	42	139	64	Y	Y	Y	Y	Y	Y	
NW1001	LEC4	Heamies Bridge – Basford Hall Jn	140	00	156	16	Y	Y	Y	Y	Y	N	
NW1001	LEC4	Basford Hall Jn – Change of ELR (Crewe South)	156	16	157	20	Y	Y	Y	Y	Y	N	
NW1001	LEC5	Change of ELR (Crewe South) – Crewe South Jn	157	20	157	60	Y	Y	Y	Y	Y	N	
NW1001	LEC5	Crewe South Jn – Crewe North Jn	157	60	158	18	Y	Y	Y	Y	Y	N	
NW1001	LEC5	Crewe North Jn – Change of ELR (Between Crewe Coal Yard and Winsford South Jn)	158	18	159	00	Y	Y	Y	Y	Y	N	
NW1001	CGJ1	Change of ELR (Between Crewe Coal Yard and Winsford South Jn) – Hartford Jn	159	00	170	56	Y	Y	Y	Y	Y	N	
NW1001	CGJ1	Hartford Jn – Change of ELR (Preston Brook Tunnel)	170	56	176	00	Y	Y	Y	Y	Y	N	
NW1001	CGJ2	Change of ELR (Preston Brook Tunnel) – Acton Grange Jn	176	00	180	24	Y	Y	Y	Y	Y	N	
NW1001	CGJ2	Acton Grange Jn – Warrington South Jn	180	24	181	76	Y	Y	Y	Y	Y	N	
NW1001	CGJ3	Warrington South Jn – Winwick Jn	181	76	185	49	Y	Y	Y	Y	Y	N	
NW1001	CGJ4	Winwick Jn – Golborne Jn	185	49	187	76	Y	Y	Y	Y	Y	N	
NW1001	CGJ5	Golborne Jn – Wigan Station Jn	0	53	6	33	Y	Y	Y	Y	Y	N	

LNW North Route Sectional Appendix Module NWRC

Line of route	ELR	Line of Route / Sector Description	0000	0000	0000	0000	150	153	155	156	158	159	Notes
			M	Ch	M	Ch							
NW1001	CGJ5	Wigan Station Jn – Farington Curve Jn	6	33	20	08	Y	Y	Y	Y	Y	N	
NW1001	CGJ5	Farington Curve Jn – Preston Ribble Jn	20	08	21	13	Y	Y	Y	Y	Y	N	
NW1001	CGJ5	Preston Ribble Jn – Preston (Change of ELR)	21	13	21	57	Y	Y	Y	Y	Y	N	
NW1001	CGJ6	Preston (Change of ELR) – Preston North Jn	0	00	0	21	Y	Y	Y	Y	R1	N	R1 Prohibited Preston D&UGL
NW1001	CGJ6	Preston North Jn – Preston Fylde Jn	0	21	0	33	Y	Y	Y	Y	R1	N	R1 Prohibited Preston D&UGL
NW1002	RBS3	Route Boundary (MD301) (Penkridge Station) – Stafford Trent Valley Jn No.1	23	30	28	50	Y	Y	Y	Y	Y	Y	
NW1003	HCM2	Buffer Stop (Silverdale Colliery End) – Madeley Chord Jn	3	27	7	36	N	N	N	N	N	N	
NW1003	HCM3	Madeley Chord Jn – Madeley Jn	0	25	0	00	N	N	N	N	N	N	
NW1003	HCM2	Madeley Chord Jn – End of Line	7	36	8	14	N	N	N	N	N	N	
NW1004	RRN2	Route Boundary (MD345) (Cannock Change of ELR) – Rugeley North Jn	14	00	14	69	Y	N	N	N	N	N	
NW1005	KCS1	Kidsgrove Jn – Crewe South Jn	0	00	8	27	Y	Y	Y	Y	Y	N	
NW1007	SYC	Route Boundary (GW735) (Crewe Jn) – Limit of Electrification	2	60	1	41	Y	Y	Y	Y	Y	N	
NW1007	SYC	Limit of Electrification – Crewe South Jn	1	41	0	00	Y	Y	Y	Y	Y	N	
NW1009	BHI	Basford Hall Jn – Site of Former Sydney Bridge Jn (Independent Lines)	156	16	158	76	Y	Y	Y	Y	N	N	
NW1009	CMP1	Site of Former Sydney Bridge Jn – Sandbach South Jn (Independent Lines)	158	76	162	28	Y	Y	Y	Y	N	N	
NW1011	GSG	Gresty Lane Jn – Salop Goods Jn	0	00	0	37	Y	Y	Y	Y	N	N	
NW1013	CSG	Crewe Sorting Sidings North – Gresty Lane	157	26	157	47	Y	Y	Y	Y	N	N	
NW1015	CIL	Salop Goods Jn – Crewe North Jn (Chester Independent Lines)	157	64	158	18	Y	Y	Y	Y	N	N	
NW1017	LLI	Salop Goods Jn – Boundary (NW1001) (Crewe Coal Yard - Liverpool Independent Lines)	157	71	158	73	Y	Y	Y	Y	N	N	
NW1019	CHW1/2	Acton Grange Jn - Warrington South Jn (Helsby lines)	16	19	17	76	Y	Y	Y	Y	Y	N	
NW1021	WEE	Winwick Jn – Earlestown East Jn	185	49	187	10	Y	Y	Y	Y	Y	N	

LNW North Route Sectional Appendix Module NWRC

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	150	153	155	156	158	159	Notes
NW7009	FHR5	Daisyfield Jn – Gannow Jn	11	09	21	03	Y	Y	Y	Y	Y	N	
NW7009	FHR6	Gannow Jn – Hall Royd Jn	21	03	30	54	Y	Y	Y	Y	Y	N	
NW7011	LHL	Farington Jn - Limit of electrification	0	00	0	56	Y	Y	Y	Y	Y	N	
NW7011	LHL	Limit of electrification - Lostock Hall Jn (Lostock Hall Lines)	0	56	0	77	Y	Y	Y	Y	Y	N	
NW7013	DJH	Daisyfield Jn – Hellifield	11	09	34	68	Y	Y	Y	Y	Y	N	
NW7015	PRG	End of Line (Padiham Power Station Sidings) – Rose Grove West Jn	1	76	0	00	N	N	N	N	N	N	Line out of use
NW7017	GJC	Gannow Jn – Colne	21	03	27	37	Y	Y	Y	Y	Y	Y	
NW7019	MPR2	Thorpes Bridge Jn – Network Rail Boundary (Metrolink (Down Up Boundary at 2m 32ch))	2	22	3	05	Y	Y	Y	Y	Y	N	
NW7021	MVM	Miles Platting – Change of ELR	1	22	1	30	Y	Y	Y	Y	Y	N	
NW7021	MVL1	Change of ELR – Philips Park West Jn	1	30	1	57	Y	Y	Y	Y	Y	N	
NW7021	MVL1	Philips Park West Jn – Baguley Fold Jn	1	57	2	39	Y	Y	Y	Y	Y	N	
NW7021	MVL1	Baguley Fold Jn – Ashton Moss North Jn	2	39	5	41	Y	Y	Y	Y	Y	N	
NW7021	MVL1	Ashton Moss North Jn – Stalybridge West Jn	5	41	7	50	Y	Y	Y	Y	Y	Y	Y
NW7021	MVL2	Stalybridge West Jn – Stalybridge Change of ELR	7	50	7	70	Y	Y	Y	Y	Y	N	
NW7021	MVL3	Stalybridge Change of ELR – Route Boundary (LN860) (Springwood Jn)	7	70	15	11	Y	Y	Y	Y	Y	Y	Y
NW7023	BPP	Philips Park West Jn – Brewery Jn	0	00	0	18	Y	Y	Y	Y	Y	N	
NW7025	PPA1	Philips Park West Jn – Philips Park South Jn	1	59	2	07	Y	Y	Y	Y	Y	N	
NW7025	PPA1	Philips Park South Jn – Change of Mileage	2	07	3	12	Y	Y	Y	Y	Y	N	
NW7025	PPA2	Change of Mileage – Ashburys West Jn	0	57	0	00	Y	Y	Y	Y	Y	N	
NW7027	PPP1	Baguley Fold Jn – Change of Mileage	2	39	2	13	Y	Y	Y	Y	Y	N	
NW7027	PPP2	Change of Mileage – Philips Park South Jn	0	00	0	19	Y	Y	Y	Y	Y	N	
NW8001	HXS1	Hunts Cross West Jn – Liverpool Central	6	11	0	02	N	N	N	N	N	N	
NW8001	HXS2	Liverpool Central – Paradise Jn	37	13	36	71	N	N	N	N	N	N	
NW8001	HXS2	Paradise Jn – Sandhills Jn	36	71	34	75	N	N	N	N	N	N	
NW8001	HXS3	Sandhills Jn – Bootle Jn	1	41	2	39	N	N	N	N	N	N	
NW8001	HXS3	Bootle Jn – Southport	2	39	18	35	N	N	N	N	N	N	

LNW North Route Sectional Appendix Module NWRC

Line of route	ELR	Line of Route / Sector Description	0000	0000	0000	0000	150	153	155	156	158	159	Notes
			M	Ch	M	Ch							
NW8003	SIL	Paradise Jn – James Street (Stock Interchange/Holding line)	0	32	0	53	N	N	N	N	N	N	
NW8005	SJO1	Sandhills Jn – Walton Jn	34	75	33	16	N	N	N	N	N	N	
NW8005	SJO2	Walton Jn – Ormskirk	3	20	12	13	N	N	N	N	N	N	
NW8007	HXS/ NMM	Bootle Jn – Change of ELR (Site of Former North Mersey Jn)	2	34	3	52	N	N	N	N	N	N	
NW8007	NMB	Change of ELR (Site of Former North Mersey Jn) – Change of ELR (Site of Former Sefton Jn)	34	40	32	42	N	N	N	N	N	N	
NW8007	AFL	Change of ELR (Site of Former Sefton Jn) – Aintree Station Jn	0	00	0	40	N	N	N	N	N	N	
NW8009	WJK	Walton Jn – Kirkby	33	16	29	41	N	N	N	N	N	N	
NW8011	MIR1	Mann Island Jn – Mann Island Jn via Loop	0	00	2	12	N	N	N	N	N	N	
NW8011	MIR2	Mann Island Jn – Hamilton Square Jn	0	69	1	72	N	N	N	N	N	N	
NW8011	CWK 1	Hamilton Square Jn – Change of ELR (Birkenhead Park)	1	72	3	00	N	N	N	N	N	N	
NW8011	CWK 2	Change of ELR (Birkenhead Park) – Bidston East Jn	3	00	4	40	R1 R2	R1 R3	N	N	N	N	R1 Prohibited between Change of ELR (Birkenhead Park) and Birkenhead North R2 Prohibited Birkenhead North platform 1 Up Passenger Loop R3 Prohibited from passing other vehicles between Birkenhead North Jn and Bidston East Jn on the Up and Down lines
NW8011	CWK 3	Bidston East Jn – Bidston Dee Jn	4	40	4	78	Y	Y	N	N	N	N	R1 Prohibited between Bidston East Jn and Biston
NW8011	CWK 3	Bidston Dee Jn – West Kirby	4	78	10	46	N	N	N	N	N	N	
NW8013	MIR2	Canning Street Jn – Rock Ferry	1	60	3	42	N	N	N	N	N	N	
NW8013	CRR2	Rock Ferry – Hooton South Jn	13	43	7	68	Y	N	N	N	N	N	
NW8015	BEN	Bidston East Jn – New Brighton (New Brighton lines)	4	40	7	18	N	N	N	N	N	N	
NW8017	CCS1 /2	Network Rail Boundary (Canning Street North) – Rock Ferry South Jn	15	40	13	30	N	N	N	N	N	N	
NW9001	MAS	Route Boundary (LN808) (Dore West Jn) – Chinley North Jn	154	20	174	01	Y	N	N	Y	Y	N	
NW9001	TTA1	Chinley North Jn – New Mills South Jn	168	39	172	27	Y	N	N	Y	Y	N	
NW9001	NMC1	New Mills South Jn – Hazel Grove High Level Jn	172	27	177	40	Y	N	N	Y	Y	N	
NW9001	HGC	Hazel Grove High Level Jn – Hazel Grove East Jn	2	62	2	35	Y	N	N	Y	Y	N	

LNW North Route Sectional Appendix Module NWRC

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								
NW9903	SJC	Change of Mileage (Wennington) – Change of Mileage (Site of former Carnforth East Jn)	9	45	0	31	8	H	H	Y	H	N	N	
NW9903	CEC	Change of Mileage (Site of former Carnforth East Jn) – Carnforth Station Jn	0	25	0	04	8	H	H	Y	H	N	N	
NW9907	WAR	Appleby North Jn – Appleby West Jn	277	27	277	56	7	N	N	Y	N	N	N	
NW9907	EDE	Network Rail Boundary (Warcop) – End of Line	11	03	11	46	7	N	N	Y	N	N	N	
NW9909	NEC2	Route Boundary (LN682) (Corby Gates) – Petteril Bridge Jn	58	00	59	26	8	H	H	Y	H	H	H	
NW9911	NGD	London Road Jn – Bog Jn (Newcastle Goods Lines)	0	00	0	25	8	N	N	Y	N	N	N	

Table D5A - Route clearance of Freight Containers/Swap Bodies

Last Updated: 07/09/2024

To be read in conjunction with General Notes.

This table consists of the list of lines as shown in Table A, the RA index of each route, any general authorities for heavy axle weight vehicles, the gauge of the route and other route restrictions. (Temporary or vehicle specific heavy axle weight authorities are not shown.)

The gauge of the route is shown as one of the following:

- standard locomotive gauge indicated by a forward-slash symbol, (i.e. /),
- W6A (W6) – meaning clear to W6A Gauge,

- W7 – meaning clear to W6A Exception Gauge for 8ft. containers,
- W8 – meaning clear to W6A Exception Gauge for 8ft 6in containers,
- W9 – meaning clear to SB1C gauge.
- W10 – meaning clear for 9ft. 6in. high x2.5m. wide containers on selected wagons
- W12 – meaning clear to W12 composite swept envelope

Additional restrictions or clearances may also be shown as notes in the Notes & Restrictions column.

The 'Heavy Axle Weight Vehicles' column indicates whether a vehicle which exceeds the RA index of the route may be conveyed, and if so under what conditions:

Authority Meaning

Code

Y There are no particular restrictions for vehicles that exceed the RA of the route, and form RT3973HAW can be produced on this basis. 25.5 tonne axle weight vehicles in use on the network as of April 1998 are not restricted. (Note that this information does not include vehicles which may have individual restrictions placed upon them.)

N Vehicles that exceed the RA of the route must not run without the authority of the Territory Structures Assessment Engineer. If authority is given a vehicle specific form RT3973HAW can be produced.

R1, R2, etc. Vehicles which exceed the RA of the route can run subject to the particular restriction(s) identified, and form RT3973HAW can be produced on this basis. 25.5 tonne axle weight vehicles in use on the network as of April 1998 are not restricted. (Note that this information does not include vehicles which may have individual restrictions placed upon them.)

-- No request to run vehicles that exceed the RA of the route has previously been made and any request to do so must be referred to the Territory Structures Assessment Engineer. 25.5 tonne axle weight vehicles may be able to run following assessment.

Restricted Vehicles

Vehicles identified below can not run without reference to the Territory Structures Assessment Engineer, who will identify any restrictions that apply to that particular vehicle over a specified route in accordance with the Route Availability Group Standard:

- Coil Strip Wagon BN001A

Line of route	ELR	Line of Route / Sector Description					Gauge					Notes
			M	Ch	M	Ch	W6A	W7	W8	W9	W10	
NW1001	LEC2	Armitage Jn (MD101) (Sectional Appendix Boundary – Rugeley North Jn	119	20	124	39	Y *	Y	Y	Y	Y	
NW1001	LEC2	Rugeley North Jn – Colwich Jn	124	39	127	05	Y *	Y	Y	Y	Y	
NW1001	LEC2	Colwich Jn – Stafford Trent Valley Jn No.1	127	05	133	06	Y *	Y	Y	Y	Y	
NW1001	LEC3	Stafford Trent Valley Jn No.1 – Change of ELR (Site of former Stafford Uttoxeter line Jn No 5)	133	06	133	60	Y *	Y	Y	Y	Y	
NW1001	LEC4	Change of ELR (Site of former Stafford Uttoxeter line Jn No 5) – Norton Bridge North Jn	133	60	139	00	Y *	Y	Y	Y	Y	
NW1001	LEC4	Norton Bridge North Jn – Basford Hall Jn	139	00	156	16	Y *	Y	Y	Y	Y	
NW1001	LEC4	Basford Hall Jn – Change of ELR (Basford Wood)	156	16	157	20	Y *	Y	Y	Y	Y	
NW1001	LEC5	Change of ELR (Basford Wood) – Crewe South Jn	157	20	157	60	Y *	Y	Y	Y	Y	
NW1001	LEC5	Crewe South Jn – Crewe North Jn	157	60	158	18	Y *	Y	Y	Y	Y	
NW1001	LEC5	Crewe North Jn – Change of ELR (Site of former Grand Jn)	158	18	159	00	Y *	Y	Y	Y	Y	
NW1001	CGJ1	Change of ELR (Site of former Grand Jn) – Hartford Jn	159	00	170	56	Y *	Y	Y	Y	Y	
NW1001	CGJ1	Hartford Jn – Change of ELR (Preston Brook Tunnel)	170	56	176	00	Y *	Y	Y	Y	Y	
NW1001	CGJ2	Change of ELR (Preston Brook Tunnel) – Acton Grange Jn	176	00	180	24	Y *	Y	Y	Y	Y	
NW1001	CGJ2	Acton Grange Jn – Warrington South Jn	180	24	181	76	Y *	Y	Y	Y	Y	
NW1001	CGJ3	Warrington South Jn – Winwick Jn	181	76	185	49	Y *	Y	Y	Y	Y	
NW1001	CGJ4	Winwick Jn – Golborne Jn	185	49	187	76	Y *	Y	Y	Y	Y	
NW1001	CGJ5	Golborne Jn – Wigan Station Jn	0	53	6	33	Y *	Y	Y	Y	Y	
NW1001	CGJ5	Wigan Station Jn – Farington Curve Jn	6	33	20	08	Y *	Y	Y	Y	Y	
NW1001	CGJ5	Farington Curve Jn – Preston Ribble Jn	20	08	21	13	Y *	Y	Y	Y	Y	
NW1001	CGJ5	Preston Ribble Jn – Preston (Change of ELR)	21	13	21	57	Y *	Y	Y	Y	Y	
NW1001	CGJ6	Preston (Change of ELR) – Preston North Jn	0	00	0	21	Y *	Y	Y	Y	Y	
NW1001	CGJ6	Preston North Jn – Preston Fylde Jn	0	21	0	33	Y *	Y	Y	Y	Y	
NW1002	RBS3	Route Boundary (MD301) (Penkridge Station) – Stafford Trent Valley Jn No.1	23	30	28	50	Y	Y	Y	Y	Y	
NW1003	HCM2	Buffer Stop (Silverdale Colliery End) – Madeley Chord Jn	3	27	7	36	N	N	N	N	N	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W6A	W7	W8	W9	W10	
NW1003	HCM3	Madeley Chord Jn – Madeley Jn	0	25	0	00	N	N	N	N	N	
NW1003	HCM2	Madeley Chord Jn – End of line	7	36	8	14	N	N	N	N	N	
NW1004	RRN2	Route Boundary (MD345) (Rugeley B Power Station Jn) – Rugeley North Jn	14	00	14	69	Y	Y	Y	Y	Y	
NW1005	KCS1	Kidsgrove Jn – Crewe South Jn	0	00	8	27	Y *	Y	Y	Y	Y	
NW1007	SYC	Route Boundary (GW735) (Nantwich) – Gresty Green	2	60	1	18	Y	Y	Y	N	N	
NW1007	SYC	Gresty Green – Crewe South Jn	1	18	0	00	Y *	Y	Y	Y	Y	
NW1009	BHI	Basford Hall Jn – Former site of Sydney Bridge Jn (Independent lines)	156	16	158	76	Y *	Y	Y	Y	Y	
NW1009	CMP1	Former site of Sydney Bridge Jn – Sandbach South Jn (Independent lines)	158	76	162	28	Y *	Y	Y	Y	Y	
NW1011	GSG	Gresty Lane Jn – Salop Goods Jn	0	00	0	37	Y	Y	Y	Y	Y	
NW1013	CSG	Crewe Sorting Sidings North – Gresty Lane	157	26	157	47	Y	Y	Y	Y	Y	
NW1015	CIL	Salop Goods Jn – Crewe North Jn (Chester Independent lines)	157	64	158	18	Y	Y	Y	Y	Y	
NW1017	LLI	Salop Goods Jn – Crewe Coal Yard (Liverpool Independent lines)	157	71	158	73	Y	Y	Y	Y	Y	
NW1019	CHW1/2	Acton Grange Jn – Warrington South Jn (Helsby lines)	16	19	17	76	Y *	Y	Y	Y	Y	
NW1021	WEE	Winwick Jn – Earlestown East Jn	185	49	187	10	Y *	Y	Y	Y	Y	
NW1021	DSE	Earlestown East Jn – Newton-le-Willows Jn	14	75	16	19	Y	Y	Y	Y	Y	
NW1021	NGJ	Newton-le-Willows Jn – Golborne Jn	0	00	0	53	Y *	Y	Y	Y	Y	
NW1023	HOB2	Haydock Branch Jn – End of line (former Kelbit PS)	0	00	0	53	Y	N	N	N	N	
NW1025	IMG	Bamfurlong Sidings Jn – Ince Moss Jn (Ince Moss Goods lines)	0	18	0	78	Y	Y	Y	Y	Y	
NW1027	PSR1	Preston South Jn – Preston Docks Branch ELR Change	21	39	21	47	Y	N	N	N	N	
NW1027	PSR2	Preston Docks Branch ELR Change – Network Rail Boundary (Ribble Steam Railway)	0	00	0	40	Y	N	N	N	N	
NW2001	WJL1	Weaver Jn – Ditton East Jn	174	53	182	67	Y *	Y	Y	Y	Y	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W6A	W7	W8	W9	W10	
NW2001	WJL2	Ditton East Jn – Speke East Jn	182	67	186	72	Y *	Y	Y	Y	Y	
NW2001	WJL3	Speke Est Jn – Edge Hill East Jn	186	72	191	75	Y *	Y	Y	Y	Y	
NW2001	WJL4	Edge Hill East Jn – Liverpool Lime Street	191	75	193	52	Y *	R1	R1	R1	R1	R1 Only applies from between Edge Hill East Jn and Edge Hill (192m 14ch)
NW2003	RDB	Runcorn – Network Rail Boundary (Runcorn Dock Branch)	0	02	0	69	Y	Y	Y	Y	Y	
NW2005	SCR	Speke East Jn – Garston Jn	22	59	23	52	Y *	Y	Y	Y	Y	
NW2007	AEG	Allerton East Jn – Garston Jn	0	00	0	28	Y	Y	Y	Y	Y	
NW2009	SDJ2	End of line (Latchford) – Ditton East Jn	10	06	18	55	Y *	Y	Y	Y	Y	
NW2011	WOA1	Walton Old Jn – Arpley Jn	0	68	0	00	Y	Y	Y	Y	Y	
NW2015	DSE	Ordsall Lane Jn – Newton-le-Willows Jn	30	38	16	19	Y *	Y	Y	Y	Y	
NW2015	DSE	Newton-le-Willows Jn – Earlestown East Jn (Electrified section)	16	19	14	75	Y *	Y	Y	Y	Y	
NW2015	DSE	Earlestown East Jn – Edge Hill	14	75	1	78	Y * 1. 1	Y	Y	Y	Y	R1 * Applies between between Bootle Branch Jn (01m 78ch) and Edge Hill
NW2017	SCN	Eccles Station Jn – Weaste Branch Network Rail / MSC Boundary	0	00	0	54	Y	Y	Y	Y	Y	
NW2019	PJL	Parkside Jn – Lowton Jn (East Curve lines)	0	05	0	36	Y	Y	Y	Y	Y	
NW2021	EEE	Earlestown South Jn – Earlestown West Jn (Liverpool Curve)	186	74	187	15	Y	Y	Y	Y	Y	
NW2023	SBH3	Springs Branch Jn – Gerards Bridge Jn	12	54	5	66	Y *	Y	Y	Y	Y	
NW2023	SBH2	Gerards Bridge Jn – St Helens Station Jn	5	66	5	12	Y *	Y	Y	Y	Y	
NW2023	SBH1	St Helens Station Jn – Huyton Jn	5	12	0	-18	Y *	Y	Y	Y	Y	
NW2025	SHS1	St Helens Station Jn – Sutton Oak Network Rail Boundary	7	15	6	04	Y	N	N	N	N	
NW2027	SCT1/2	Edge Hill, Bootle Branch Jn –Network Rail Boundary (MDHC)	0	15	5	53	Y *	Y	Y	Y	Y	
NW2029	OME3	Olive Mount Jn – Edge Lane Jn	0	10	0	52	Y	Y	Y	Y	Y	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W6A	W7	W8	W9	W10	
NW3001	CNH1	Crewe North Jn – Limit of Electrification (Crewe Steelworks)	158	18	159	41	Y *	Y	Y	N	N	
NW3001	CNH1	Limit of Electrification (Crewe Steelworks) – Chester East Jn	159	41	178	66	Y	N	N	N	N	
NW3001	CNH2	Chester East Jn – Change of ELR (Chester Windmill Lane Tunnel)	178	66	179	56	Y *	Y	Y	N	N	
NW3001	CNH3	Change of ELR (Chester Windmill Lane Tunnel) – Route Boundary LNW / Wales (Rockcliffe Hall)	179	56	188	40	Y *	Y	Y	N	N	
NW3001	CNH3	Route Boundary LNW / Wales (Rockcliffe Hall) – Holyhead	188	40	263	56	Y *	N	N	N	N	
NW3003	CHW1	Chester East Jn – Acton Grange Jn	0	24	16	19	Y *	Y	N	N	N	
NW3005	WSJ2	Sectional Appendix Boundary (GW731) – Route Boundary Wales / LNW including 'Up & Down' loop Wrexham General ELR WDB1	199	00	202	60	Y *	N	N	N	N	
NW3005	WSJ2	Route Boundary Wales / LNW – Saltney Jn	202	60	212	06	Y *	N	N	N	N	
NW3007	WDB1	Wrexham Central – Wrexham Exchange Jn	0	16	0	68	Y * R1	Y	N	N	N	R1 * Applies between Wrexham General (00m 49ch) and Wrexham Exchange Jn
NW3007	WDB1	Wrexham Exchange Jn – Change of RA at 13m 20ch (South end of Hawarden Bridge)	0	68	13	20	Y *	Y	N	N	N	
NW3007	WDB1	Change of RA at 13m 20ch (South end of Hawarden Bridge) – Change of ELR	13	20	13	33	Y *	Y	N	N	N	
NW3007	WDB2	Change of ELR (Hawarden Bridge) – Change of ELR (Site of former Dee Marsh Jn West)	14	15	14	00	Y *	Y	N	N	N	
NW3007	WDB3	Change of ELR (Site of former Dee Marsh Jn West) – Route Boundary Wales / LNW (Burton Point)	14	00	11	00	Y *	Y	N	N	N	
NW3007	WDB3	Route Boundary Wales / LNW (Burton Point) – Bidston Dee Jn	11	00	0	08	Y *	Y	N	N	N	
NW3009	CVS	Chester North Jn – Chester South Jn	0	36	0	13	Y	Y	Y	Y	N	
NW3011	CRR1	Chester West Jn – Hooton South Jn	0	16	7	68	Y *	N	N	N	N	
NW3013	HHJ	Hooton South Jn – Ellesmere Port (Limit of DC electrification)	0	02	3	44	Y	N	N	N	N	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W6A	W7	W8	W9	W10	
NW3013	HHJ	Ellesmere Port (Limit of DC electrification) – Helsby Jn	3	44	8	67	Y *	Y	N	N	N	
NW3015	LJT1	Llandudno Jn – Blaenau Ffestiniog, End of line	0	30	27	53	Y *	N	N	N	N	
NW3017	LLJ	Llandudno Jn – Llandudno	0	03	3	14	Y *	N	N	N	N	
NW3019	GLA	Gaerwen Jn – Amlwch (Network Rail Boundary)	0	00	17	37	N	N	N	N	N	
NW3021	FJH	Frodsham Jn – Halton Jn	1	54	0	00	Y	Y	Y	N	N	
NW3023	EJN	Edgeley Jn – Northenden Jn	0	00	3	68	Y	Y	Y	Y	Y	
NW3023	WJP1	Northenden Jn – Skelton Jn	33	52	30	12	Y *	Y	N	N	N	
NW3023	SJD	Skelton Jn – Deansgate Jn	0	00	0	33	Y *	Y	Y	Y	Y	
NW3023	CDM1	Deansgate Jn – Change of ELR (Altrincham)	7	05	8	00	Y *	Y	N	N	N	
NW3023	CDM2	Change of ELR (Altrincham) – Mickle Trafford Jn	7	69	35	40	Y *	Y	R1	N	N	R1 Permitted between Northwich West Jn and Hartford CLC Jn only
NW3025	WJP1	Skelton Jn – Partington Jn Network Rail Boundary	30	12	27	20	N	N	N	N	N	
NW3027	CDM1	Network Rail Boundary (Metrolink) – Deansgate Jn	6	77	7	05	–	–	–	–	–	Manchester Metrolink lines
NW3027	CDM1	Deansgate Jn – Altrincham	7	05	8	00	–	–	–	–	–	Manchester Metrolink lines
NW3029	SNJ	Sandbach North Jn – Northwich West Jn	0	00	8	64	Y *	Y	Y	Y	N	
NW3031	NSN	Northwich South Jn – Northwich Station Jn	8	37	8	66	Y	Y	Y	N	N	
NW3033	HEG	Hartford East Jn – Hartford North Jn (East Goods line)	21	67	22	10	Y	Y	Y	Y	Y	
NW3035	HWG	Hartford West Jn – Hartford North Jn (West Goods line)	0	11	0	29	Y	Y	Y	Y	Y	
NW3037	HCN	Hartford CLC Jn – Hartford Jn	0	72	0	16	Y	Y	Y	Y	Y	
NW4001	CGJ5	Preston Ribble Jn – Preston	21	13	21	57	Y *	Y	Y	Y	Y	
NW4001	CGJ6	Preston – Preston North Jn	0	00	0	21	Y *	Y	Y	Y	Y	
NW4001	CGJ6	Preston North Jn – Preston Fylde Jn	0	21	0	33	Y *	Y	Y	Y	Y	
NW4001	CGJ6	Preston Fylde Jn – Lancaster	0	33	20	78	Y *	Y	Y	Y	Y	
NW4001	CGJ7	Lancaster – Carnforth North Jn	0	00	6	08	Y *	Y	Y	Y	Y	
NW4001	CGJ7	Carnforth North Jn – Oxenholme	6	08	19	11	Y *	Y	Y	Y	Y	
NW4001	CGJ7	Oxenholme – Upperby Jn	19	11	68	23	Y *	Y	Y	Y	Y	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W6A	W7	W8	W9	W10	
NW4001	CGJ7	Upperby Jn – Carlisle	68	23	69	09	Y *	Y	Y	Y	Y	
NW4001	UCJ	Upperby Bridge Jn – Upperby Jn	0	00	0	38	Y	Y	Y	Y	Y	
NW4001	WCM1	Carlisle – Mossband Jn (Including Kingmoor Yard Goods lines)	0	00	7	57	Y *	Y	Y	Y	Y	
NW4001	WCM1	Mossband Jn – Gretna Jn	7	57	8	57	Y *	Y	Y	Y	Y	
NW4001	WCM1	Gretna Jn – Route Boundary (SC001)	8	57	12	30	Y *	Y	Y	Y	Y	
NW4003	PDB	Preston Fylde Jn – End of line	0	00	1	59	N	N	N	N	N	
NW4005	PBN	Preston Fylde Jn – Kirkham North Jn	0	33	8	28	Y *	Y	Y	Y	Y	
NW4005	PBN	Kirkham North Jn – Poulton Jn	8	28	14	40	Y *	Y	Y	Y	Y	
NW4005	PBN	Poulton Jn – Blackpool North	14	40	17	49	Y *	Y	Y	Y	Y	
NW4007	KBS1	Kirkham North Jn – Blackpool South	8	28	20	00	Y *	N	N	N	N	
NW4009	WPS	Poulton – Burn Naze (End of Branch)	14	40	18	08	N	N	N	N	N	
NW4011	MSM	Morecambe South Jn – Morecambe Buffer Stops	0	00	2	12	Y *	Y	Y	N	N	
NW4013	HBL	Hest Bank Jn – Bare Lane Jn	0	00	1	30	Y	Y	Y	Y	Y	
NW4017	MHH	Morecambe Jn – Heysham Port	0	00	4	01	Y *	Y	Y	Y	Y	
NW4019	OXW	Oxenholme – Windermere	0	00	10	15	Y	N	N	N	N	
NW4021	UCJ	Upperby Jn – Bog Jn	0	38	1	07	Y	Y	Y	Y	Y	
NW4021	UCJ	Bog Jn – Rome Street Jn	1	07	1	23	Y	Y	N	N	N	
NW4023	ULR	Upperby Jn – London Road Jn	0	00	0	34	Y	Y	Y	Y	Y	
NW4025	MCG	Currock Jn – Change of ELR (Site of former Forks Jn)	0	00	0	29	Y	Y	Y	Y	Y	
NW4025	SCG	Change of ELR (Site of former Forks Jn) – Bog Jn	0	29	0	44	Y	Y	Y	Y	Y	
NW4027	BSN	Bruntill Branch Jn – Stainton Jn via Down and Up Brunthill Branch Siding	0	66	0	2	Y	Y	Y	Y	Y	
NW4027	ETC	End of line Buffer Stops – Network Rail Boundary / Brunthill via Down and Up Brunthill line	96	6	95	6	Y	Y	Y	Y	Y	
NW4029	GJH	Mossband Jn – Network Rail Boundary	3	02	0	24	N	N	N	N	N	
NW4031	GSW	Gretna Jn – Route Boundary (SC031)	116	13	115	40	Y	Y	Y	Y	N	
NW4033	CBC1	Carnforth North Jn – Carnforth Station Jn	0	19	0	38	Y *	N	N	N	N	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W6A	W7	W8	W9	W10	
NW4033	CBC1	Carnforth Station Jn – Limit of Electrification (Carnforth)	0	38	0	60	Y *	N	N	N	N	
NW4033	CBC1	Limit of Electrification (Carnforth) – Whitehaven	0	60	74	66	Y *	N	N	N	N	
NW4033	CBC1	Whitehaven – Bransty SB (Change of ELR)	74	66	74	73	Y *	N	N	N	N	
NW4033	CBC2	Bransty SB (Change of ELR) – Change of ELR (Maryport)	0	16	12	05	Y *	S1	S1	N	N	<p>S1 Between Workington Main No.2 SB (06m 53ch) and Change of ELR (Maryport) the following combinations are permitted to run:</p> <p>Up to 2665(h), S21 TT x 2500(w) on FAA, FKA, IKA wagons</p> <p>2595(h), S11 TT, S14 FT x 2500(w) on IFA, FIA wagons</p>
NW4033	CBC3	Change of ELR (Maryport) – Carlisle South Jn	0	00	27	49	Y *	S1	S1	N	N	<p>S1 The following combinations are permitted to run:</p> <p>Up to 2665(h), S21 TT x 2500(w) on FAA, FKA, IKA wagons</p> <p>2595(h), S11 TT, S14 FT x 2500(w) on IFA, FIA wagons</p>
NW4041	DAP	Dalton Jn – Park South Jn	0	00	0	76	Y	Y	Y	Y	Y	
NW5001	CMP1	Crewe North Jn – Sandbach North Jn	158	17	162	62	Y *	Y	Y	Y	Y	
NW5001	CMP1	Sandbach North Jn – Wilmslow South Jn	162	62	176	53	Y *	Y	Y	Y	Y	
NW5001	CMP1	Wilmslow South Jn – Cheadle Hulme North Jn	176	53	180	67	Y *	Y	Y	Y	Y	
NW5001	CMP1	Cheadle Hulme North Jn – Edgeley Jn No.1	180	67	182	36	Y *	Y	Y	Y	Y	
NW5001	CMP2	Edgeley Jn No.1 – Edgeley Jn	182	36	182	59	Y *	Y	Y	Y	Y	
NW5001	CMP2	Edgeley Jn – Slade Lane Jn	182	59	186	46	Y *	Y	Y	Y	Y	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W6A	W7	W8	W9	W10	
NW5001	CMP2	Slade Lane Jn – Ardwick Jn	186	46	188	08	Y *	Y	Y	Y	Y	
NW5001	CMP2	Ardwick Jn – Manchester Piccadilly East Jn	188	08	188	48	Y *	Y	Y	Y	Y	
NW5001	CMP2	Manchester Piccadilly East Jn – Manchester Piccadilly	188	48	188	70	Y *	N	N	N	N	
NW5003	STY	Wilmslow South Jn – Heald Green South Jn	0	00	2	50	Y	Y	Y	Y	Y	
NW5003	STY	Heald Green South Jn – Heald Green North Jn	2	50	3	13	Y	Y	Y	Y	Y	
NW5003	STY	Heald Green North Jn – Slade Lane Jn	3	13	9	44	Y	Y	Y	Y	Y	
NW5005	SMA	Heald Green South Jn – Heald Green West Jn	1	48	1	10	Y	Y	Y	Y	Y	
NW5007	MIA	Manchester Airport – Heald Green North Jn	0	00	1	51	Y *	N	N	N	N	
NW5008	NBS	Norton Bridge North Jn – Stone Jn	3	57	0	00	Y	Y	Y	Y	Y	
NW5009	CMD2	Colwich Jn – Stone Jn	38	61	20	36	Y *	Y	Y	Y	Y	
NW5009	CMD2	Stone Jn – Stoke Jn	20	36	21	04	Y *	Y	Y	Y	Y	
NW5009	CMD2	Stoke Jn – Glebe Street Jn	21	04	20	10	Y *	Y	Y	Y	Y	
NW5009	CMD2	Glebe Street Jn – Change of ELR	20	10	15	65	Y *	Y	Y	Y	Y	
NW5009	CMD1	Change of ELR – Kidsgrove Jn	13	68	16	00	Y *	Y	Y	Y	Y	
NW5009	CMD1	Kidsgrove Jn – Macclesfield Hibel Road (Change of ELR)	13	68	0	00	Y *	Y	Y	Y	Y	
NW5009	MCH	Macclesfield Hibel Road (Change of ELR) – Cheadle Hulme North Jn	9	37	0	00	Y *	Y	Y	Y	Y	
NW5010	SCQ1	Glebe Street Jn – Change of Mileage	20	08	20	33	N	N	N	N	N	
NW5010	SCQ1	Change of Mileage – Change of Mileage (Site of former Milton Jn)	0	00	3	51	N	N	N	N	N	
NW5010	SCQ2	Change of Mileage (Site of former Milton Jn) – Change of Mileage (Site of former Leek Brook Jn)	0	00	6	65	N	N	N	N	N	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W6A	W7	W8	W9	W10	
NW5010	SCQ3	Change of Mileage (Site of former Leek Brook Jn) – Caldon Quarry	0	00	8	01	N	N	N	N	N	
NW5011	HNS	Heaton Norris Jn – Guide Bridge Station Jn	0	00	4	73	Y * R1	Y	S1	N	N	R1 * Applies between Heaton Norris Jn and Denton Jn (04m 13ch) S1 Between Heaton Norris Jn and Denton Jn (04m 13ch) the following combinations are permitted to run Up to: 2591(h) x 2500(w) on FEA FCA FSA/FTA wagons 2591(h) x 2500(w) on KFA wagons 2896(h) x 2500(w) on FLA wagons S16FT up to 2550(w) on KFA wagons S17FT up to 2550(w) on FEA FSA/FTA wagons
NW5012	NSS	Route Boundary (LN3505) – Stoke Jn	1	40	0	00	Y	Y	Y	Y	Y	
NW5013	DJO1	Denton Jn – Change of Mileage (Site of former Crowthorne Jn)	4	10	5	28	Y *	Y	Y	Y	Y	
NW5013	DJO2	Change of Mileage (Site of former Crowthorne Jn) – Change of Mileage (Site of former Ashton Moss South Jn)	0	53	1	19	Y *	Y	Y	Y	Y	
NW5013	AMJ	Change of Mileage (Site of former Ashton Moss South Jn) – Ashton Moss North Jn	0	00	0	40	Y *	Y	Y	Y	Y	
NW5015	HAJ	Hadfield – Dinting East Jn	12	61	12	00	Y *	N	N	N	N	
NW5015	HAJ	Dinting East Jn – Dinting West Jn	12	00	11	66	Y *	N	N	N	N	
NW5015	HAJ	Dinting West Jn – Hyde Jn	11	66	6	16	Y *	N	N	N	N	
NW5015	HAJ	Hyde Jn – Guide Bridge West Jn	6	16	5	10	Y *	Y	Y	Y	N	
NW5015	HAJ	Guide Bridge West Jn – Guide Bridge Station Jn	5	10	4	73	Y *	Y	Y	Y	N	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W6A	W7	W8	W9	W10	
NW5015	HAJ	Guide Bridge Station Jn – Ashburys East Jn	4	73	1	56	Y *	Y	Y	Y	N	
NW5015	HAJ	Ashburys East Jn – Ashburys West Jn	1	56	1	36	Y *	Y	Y	Y	N	
NW5015	HAJ	Ashburys West Jn – Ardwick Jn	1	36	0	40	Y *	Y	Y	Y	N	
NW5017	DSD	Dinting South Jn – Dinting East Jn	0	72	1	05	Y	Y	Y	Y	Y	
NW5019	GDW	Glossop – Dinting South Jn	0	01	0	72	Y *	N	N	N	N	
NW5019	GDW	Dinting South Jn – Dinting West Jn	0	72	1	05	Y *	N	N	N	N	
NW5021	SAJ	Stalybridge Jn – Guide Bridge West Jn	2	08	0	04	Y *	Y	Y	Y	N	
NW6001	COL	Manchester Piccadilly East Jn – Castlefield Jn	188	48	189	67	Y *	Y	Y	Y	Y	
NW6001	COL	Castlefield Jn – Ordsall Lane Jn	189	67	190	28	Y *	Y	Y	Y	Y	
NW6001	OLW	Ordsall Lane Jn – Windsor Bridge South Jn	190	28	191	01	Y *	Y	Y	Y	Y	
NW6001	MVE1	Windsor Bridge South Jn – Windsor Bridge North Jn	1	55	1	66	Y *	Y	Y	Y	N	
NW6001	MVE1	Windsor Bridge North Jn – Bolton West Jn	1	66	10	55	Y *	Y	Y	Y	N	
NW6001	MVE2	Bolton West Jn – Lostock Jn	10	55	13	39	Y *	Y	Y	R1	Y	R1 Prohibited Bolton platform 4
NW6001	MVE2	Lostock Jn – Euxton Jn	13	39	25	31	Y *	Y	Y	Y	Y	
NW6003	MAJ	Castlefield Jn – Trafford Park Sidings (Limit of Electrification)	33	57	31	35	Y	Y	Y	Y	Y	
NW6003	MAJ	Trafford Park Sidings (Limit of Electrification) – Hunts Cross	31	35	7	07	Y * R1	Y	Y	Y	R2	R1 * Applies between Trafford Park West Jn (31m 66ch) and Hunts Cross R2 Prohibited between Trafford Park West Jn (31m 66ch) and Hunts Cross
NW6003	MAJ	Hunts Cross – Hunts Cross West Jn	7	07	6	11	Y *	Y	Y	N	N	
NW6003	AHX	Hunts Cross West Jn – Allerton Jn	0	37	0	00	Y	Y	Y	Y	Y	
NW6004	OCD	Water Street Jn – Irwell Street Jn (Change of Mileage and ELR)	190	05	190	34	Y	Y	Y	Y	Y	
NW6004	DSE	Irwell Street Jn (Change of Mileage and ELR) – Deal Street Jn (Ordsall Curve lines)	30	64	31	18	Y	Y	Y	Y	Y	
NW6005	MVM	Manchester Victoria East Jn – Manchester Victoria	0	09	0	00	Y *	Y	Y	Y	Y	
NW6005	MVE1	Manchester Victoria – Deal Street Jn (Chat Moss lines)	0	00	0	32	Y *	Y	Y	Y	Y	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W6A	W7	W8	W9	W10	
NW6005	MVE1	Deal Street Jn – Windsor Bridge South Jn	0	32	1	55	Y	Y	Y	Y	Y	
NW6007	DSE	Deal Street Jn – Ordsall Lane Jn	31	18	30	38	Y	Y	Y	Y	Y	
NW6009	WBS1	Windsor Bridge North Jn – Crow Nest Jn	1	66	14	64	Y *	N	N	N	N	
NW6009	WBS2	Crow Nest Jn – Wigan Station Jn	14	64	17	44	Y *	Y	N	N	N	
NW6009	WBS2	Wigan Station Jn – Wigan Wallgate Jn	17	44	18	04	Y *	Y	N	N	N	
NW6009	WBS3	Wigan Wallgate Jn – Southport	18	04	35	27	Y *	Y	R1	N	N	R1 Prohibited between Gathust Viaduct (exclusive) (20m 46ch) and Southport
NW6011	BBB	Bolton East Jn – Blackburn Bolton Jn	10	31	24	08	Y *	Y	Y	N	N	
NW6013	LCN	Lostock Jn – Crow Nest Jn	13	39	17	18	Y *	Y	Y	N	N	
NW6015	WKL1	Wigan Wallgate Jn – Change of Mileage (Pemberton)	18	04	19	48	Y *	Y	Y	N	N	
NW6015	WKL2	Change of Mileage (Pemberton) – Kirkby	19	09	29	40	Y	R1	N	N	N	R1 Prohibited between Knowsley Freight Terminal (28m 25ch) and Kirkby
NW7001	MVM	Manchester Victoria East Jn (Man Vic West Jn – East Jn on NW6005) – Miles Platting Jn	0	09	1	30	Y *	R1	R1	R1	Y	R1 W7, W8 and W9 traffic is prohibited from platform 1 (Bay platform)
NW7001	MPR1	Miles Platting Jn – Brewery Jn	1	30	1	52	Y *	Y	Y	Y	N	
NW7001	MPR1	Brewery Jn – Thorpes Bridge Jn	1	52	2	17	Y *	Y	Y	Y	N	
NW7001	MVN2	Thorpes Bridge Jn – Castleton South Jn	2	17	8	21	Y *	Y	N	N	N	
NW7001	MVN2	Castleton South Jn – Castleton East Jn	8	21	8	52	Y *	Y	N	N	N	
NW7001	MVN2	Castleton East Jn – Hall Royd Jn	8	52	19	61	Y *	Y	N	N	N	
NW7001	MVN2	Hall Royd Jn – Route Boundary (LN854)	19	61	22	62	Y *	Y	N	N	N	
NW7005	CEH	Castleton East Jn – Castleton North Jn	0	00	0	37	Y	Y	N	N	N	
NW7005	CPI1	Castleton South Jn – Castleton North Jn	8	21	8	50	Y	N	N	N	N	
NW7005	CPI2	Castleton North Jn – Network Rail / East Lancashire Railway Boundary (Hopwood)	8	50	9	04	Y	N	N	N	N	
NW7006	SFO	Todmorden Viaduct Jn to Stansfield Hall Jn	19	30	19	47	Y	Y	Y	Y	Y	
NW7007	FCO	Farington Curve Jn – Ormskirk	25	64	12	15	Y *	N	N	N	N	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W6A	W7	W8	W9	W10	
NW7009	FHR1	Farington Curve Jn – Lostock Hall Depot	0	00	0	75	Y *	Y	N	N	N	
NW7009	FHR2	Lostock Hall Depot – Lostock Hall Jn	0	75	1	42	Y *	Y	N	N	N	
NW7009	FHR3	Lostock Hall Jn – Change of ELR (Site of former Bamber Bridge Jn)	1	42	2	10	Y *	Y	N	N	N	
NW7009	FHR4	Change of ELR (Site of former Bamber Bridge Jn) – Blackburn Bolton Jn	2	10	10	11	Y *	Y	N	N	N	
NW7009	FHR4	Blackburn Bolton Jn – Blackburn	10	11	10	42	Y *	Y	N	N	N	
NW7009	FHR5	Blackburn – Daisyfield Jn	10	42	11	09	Y *	Y	N	N	N	
NW7009	FHR5	Daisyfield Jn – Gannow Jn	11	09	21	03	Y *	N	N	N	N	
NW7009	FHR6	Gannow Jn – Hall Royd Jn	21	03	30	54	Y *	N	N	N	N	
NW7011	LHL	Farington Jn – Limit of electrification	0	00	0	56	Y	Y	Y	N	N	
NW7011	LHL	Limit of electrification – Lostock Hall Jn (Lostock Hall lines)	0	56	0	77	Y	Y	Y	N	N	
NW7013	DJH	Daisyfield Jn – Hellifield	11	09	34	68	Y *	Y	N	N	N	
NW7015	PRG	End of line (Padiham Power Station Sidings) – Rose Grove West Jn	1	76	0	00	N	N	N	N	N	
NW7017	GJC	Gannow Jn – Colne	21	03	27	37	Y *	N	N	N	N	
NW7019	MPR2	Thorpess Bridge Jn – Network Rail Boundary (Metrolink (Down Up Boundary at 02m 32ch))	2	22	3	05	Y *	Y	N	N	N	
NW7021	MVL1	Miles Platting Jn – Philips Park West Jn	1	30	1	59	Y *	Y	Y	Y	N	
NW7021	MVL1	Philips Park West Jn – Baguley Fold Jn	1	59	2	39	Y *	Y	Y	N	N	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W6A	W7	W8	W9	W10	
NW7021	MVL1	Baguley Fold Jn – Ashton Moss North Jn	2	39	5	41	Y *	Y	Y	N	N	
NW7021	MVL1	Ashton Moss North Jn – Stalybridge Jn	5	41	7	46	Y *	S1	Y	N	N	<p>S1 The following combinations only are permitted to run: Up to</p> <p>2438(h) x 2438(w) on FEA KFA FRA FIA IFA wagons</p> <p>2603(h) x 2438(w) on IFA/FIA FKA/IKA wagons</p> <p>2896(h) x 2438(w) on KTA wagons</p>
NW7021	MVL2	Stalybridge Jn – Stalybridge Tunnel Jn	7	46	8	08	Y *	Y	Y	N	N	
NW7021	MVL3	Stalybridge Tunnel Jn – Route Boundary (LN860)	8	08	15	11	Y *	Y	Y	N	N	
NW7023	BPP	Philips Park West Jn – Brewery Jn	0	00	0	18	Y	Y	Y	Y	Y	
NW7025	PPA1	Philips Park West Jn – Philips Park South Jn	1	59	2	07	Y *	Y	Y	Y	Y	
NW7025	PPA1	Philips Park South Jn – Change of Mileage	2	07	3	12	Y *	Y	Y	Y	Y	
NW7025	PPA2	Change of Mileage – Ashburys West Jn	0	57	0	00	Y *	Y	Y	Y	Y	
NW7027	PPP1	Baguley Fold Jn – Change of Mileage	2	39	2	13	Y	Y	Y	Y	Y	
NW7027	PPP2	Change of Mileage – Philips Park South Jn	0	00	0	19	Y	Y	Y	Y	Y	
NW8001	HXS1	Hunts Cross West Jn – Liverpool Central	6	11	0	02	Y *	N	N	N	N	
NW8001	HXS2	Liverpool Central – Paradise Jn	37	13	36	71	N	N	N	N	N	
NW8001	HXS2	Paradise Jn – Sandhills Jn	36	71	34	75	N	N	N	N	N	
NW8001	HXS3	Sandhills Jn – Bootle Jn	1	41	2	39	Y *	N	N	N	N	
NW8001	HXS3	Bootle Jn – Southport	2	39	18	35	Y *	N	N	N	N	
NW8003	SIL	Paradise Jn – James Street (Stock Interchange/Holding line)	0	32	0	53	N	N	N	N	N	
NW8005	SJO1	Sandhills Jn – Walton Jn	34	75	33	16	Y *	N	N	N	N	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W6A	W7	W8	W9	W10	
NW8005	SJO2	Walton Jn – Ormskirk	3	20	12	13	Y *	N	N	N	N	
NW8007	NMM	Bootle Jn – Change of ELR (Site of former North Mersey Jn)	2	34	3	52	N	N	N	N	N	
NW8007	NMB	Change of ELR (Site of former North Mersey Jn) – Change of ELR (Site of former Sefton Jn)	34	40	32	42	N	N	N	N	N	
NW8007	AFL	Change of ELR (Site of former Sefton Jn) – Aintree Station Jn	0	00	0	40	N	N	N	N	N	
NW8009	WJK	Walton Jn – Kirkby	33	16	29	41	Y *	N	N	N	N	
NW8011	MIR1	Mann Island Jn – Mann Island Jn via Loop	0	00	2	12	N	N	N	N	N	
NW8011	MIR2	Mann Island Jn – Hamilton Square Jn	0	69	1	72	N	N	N	N	N	
NW8011	CWK1	Hamilton Square Jn – Change of ELR (Birkenhead Park)	1	72	3	00	N	N	N	N	N	
NW8011	CWK2	Change of ELR (Birkenhead Park) – Bidston East Jn	3	00	4	40	N	N	N	N	N	
NW8011	CWK3	Bidston East Jn – Bidston Dee Jn	4	40	4	78	Y *	N	N	N	N	
NW8011	CWK3	Bidston Dee Jn – West Kirby	4	78	10	46	Y *	N	N	N	N	
NW8013	MIR2	Canning Street Jn – Rock Ferry	1	60	3	42	N	N	N	N	N	
NW8013	CRR2	Rock Ferry South Jn – Hooton South Jn	13	39	7	68	Y *	N	N	N	N	
NW8015	BEN	Bidston East Jn – New Brighton (New Brighton lines)	4	40	7	18	Y *	N	N	N	N	
NW8017	CCS1/2	Network Rail Boundary (Canning Street North) – Rock Ferry South Jn	15	40	13	30	N	N	N	N	N	
NW9001	MAS	Route Boundary (LN808) (Dore West Jn) – Chinley North Jn	154	20	174	01	Y * S1	S1	N	N	N	S1 The following traffic and combinations only are permitted: Up to 2438(h) x 2438(w) on FIA, IFA, FEA, FRA, KFA wagons

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W6A	W7	W8	W9	W10	
NW9001	TTA1	Chinley North Jn – New Mills South Jn	168	39	172	27	Y * S1	S1	N	N	N	S1 The following traffic and combinations only are permitted: Up to 2438(h) x 2438(w) on FIA, IFA, FEA, FRA, KFA wagons
NW9001	NMC1	New Mills South Jn – Hazel Grove High Level Jn	172	27	177	40	Y *	Y	N	N	N	
NW9001	HGC	Hazel Grove High Level Jn – Hazel Grove East Jn	2	62	2	35	Y *	Y	Y	Y	Y	
NW9001	BEJ	Hazel Grove East Jn (Limit of electrification) – Edgeley Jn No.1	2	35	0	00	Y	Y	Y	N	N	
NW9003	CYC	Chinley East Jn – Chinley South Jn (Chord line)	168	32	167	56	Y	Y	Y	N	N	
NW9005	CNB1	Chinley North Jn – Chinley South Jn	168	39	167	56	Y *	S1	N	N	N	S1 The following traffic only is permitted: Up to 2438(h) x 2438(w) on FIA, IFA, FEA, FRA, KFA wagons
NW9005	CNB1	Chinley South Jn – Change of Mileage (Site of former Peak Forest Jn)	167	56	161	05	Y *	S1	N	N	N	S1 The following traffic only is permitted: Up to 2438(h) x 2438(w) on FIA, IFA, FEA, FRA, KFA wagons
NW9005	CNB2	Change of Mileage (Site of former Peak Forest Jn) – Change of Mileage (Site of former Buxton Jn)	0	00	0	28	Y *	S1	N	N	N	S1 The following traffic only is permitted: Up to 2438(h) x 2438(w) on FIA, IFA, FEA, FRA, KFA wagons
NW9005	CNB3	Change of Mileage (Site of former Buxton Jn) – Buxton SB	161	15	164	52	Y	Y	N	N	N	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W6A	W7	W8	W9	W10	
NW9005	CNB4	Buxton SB – Buxton Sidings	164	52	165	12	Y	Y	N	N	N	
NW9007	TTA1	New Mills South Jn – Marple Wharf Jn	172	17	177	23	Y *	S1	N	N	N	S1 The following traffic only is permitted: Up to 2438(h) x 2438(w) on FIA, IFA, FEA, FRA, KFA wagons
NW9007	TTA1	Marple Wharf Jn – Romiley Jn	177	23	178	33	Y *	S1	N	N	N	S1 The following traffic only is permitted: Up to 2438(h) x 2438(w) on FIA, IFA, FEA, FRA, KFA wagons
NW9007	TTA1	Romiley Jn – Brinnington (Change of Mileage)	178	33	181	00	Y *	S1	N	N	N	S1 The following traffic only is permitted: Up to 2438(h) x 2438(w) on FIA, IFA, FEA, FRA, KFA wagons
NW9007	TTA2	Brinnington (Change of Mileage) – Ashburys East Jn	42	77	46	24	Y *	S1	N	N	N	S1 The following traffic only is permitted: Up to 2438(h) x 2438(w) on FIA, IFA, FEA, FRA, KFA wagons
NW9009	MRH	Marple Wharf Jn – Rose Hill Buffer Stop	11	02	9	78	Y	N	N	N	N	
NW9011	RYH1	Romiley Jn – Woodley Jn	178	33	179	44	Y *	Y	N	N	N	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W6A	W7	W8	W9	W10	
NW9011	RYH2	Woodley Jn – Hyde Jn	8	74	6	16	Y *	Y	N	N	N	
NW9013	WJP1	Woodley Jn – Bredbury Sidings	40	53	39	58	Y	Y	N	N	N	
NW9017	NMC1/2	Hazel Grove High Level Jn – Cheadle Jn	177	40	181	71	Y *	Y	N	N	N	
NW9017	WJP1	Cheadle Jn – Northenden Jn	35	64	33	52	Y *	N	N	N	N	
NW9019	BUX	Buxton – Brigg's Sidings	0	00	4	70	Y *	N	N	N	N	
NW9021	BEJ	Buxton – Hazel Grove East Jn	19	09	2	35	Y * S1	N	N	N	N	S1 The following traffic only is permitted: JNA, JGA and HLA wagons Qxx Zxx infrastructure traffic (except on-track machines) Conditions of travel must be sought for other freight movements
NW9901	SKW1	Route Boundary (LN922) (Gargrave) – Settle Jn	230	00	234	44	Y *	Y	N	N	N	
NW9901	SAC	Settle Jn – Petteril Bridge Jn	234	44	307	12	Y *	Y	N	N	N	
NW9901	NEC2	Petteril Bridge Jn – London Road Jn	59	26	59	45	Y	Y	N	N	N	
NW9901	NEC2	London Road Jn – Carlisle South Jn	59	45	60	02	Y	Y	Y	Y	Y	
NW9903	SKW1	Settle Jn – Change of ELR (Site of former Wennington Jn)	234	44	249	44	Y *	N	N	N	N	
NW9903	SJC	Change of ELR (Site of former Wennington Jn) – Change of ELR (Site of former Carnforth East Jn)	9	45	0	31	Y *	N	N	N	N	
NW9903	CEC	Change of ELR (Site of former Carnforth East Jn) – Carnforth Station Jn	0	25	0	04	Y	Y	Y	Y	Y	
NW9907	WAR	Appleby North Jn – Appleby West Jn	277	27	277	56	Y	N	N	N	N	Line Not in Regular Use
NW9907	EDE	Network Rail Boundary (Warcop) – End of line	11	03	11	46	Y	Y	Y	Y	N	Line Not in Regular Use
NW9909	NEC2	Route Boundary (LN682) (Scotby) – Petteril Bridge Jn	58	00	59	26	Y	Y	Y	Y	Y	
NW9911	NGD	London Road Jn – Bog Jn (Newcastle Goods lines)	0	00	0	25	Y *	Y	Y	Y	Y	

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Table D5B – Locomotive Gauge Clearance Table

Last Updated: 02/11/2024

To be read in conjunction with General Notes.

- All locomotives conform to locomotive gauge, apart from Class 37s (when fitted with roof horns).
- Locomotive gauge restrictions apply to all locomotives unless clearance is provided in the Route Clearance D4 Tables.
- Locomotives that are not listed in the Route Clearance D4 Tables are permitted to operate over routes that conform to locomotive gauge, subject to the restrictions detailed in the table below and the conditions stated in the locomotive's Summary of Compatibility document. Locomotives that are not listed in the Route Clearance D4 Tables require a valid Summary of Compatibility prior to operation over Network Rail infrastructure.
- Locomotives are PROHIBITED from using crossovers within platforms (code word LACER) unless their overall length (over buffers) is 18.288m or less.
- Gauge clearance for steam locomotives is considered under a separate process.

The notations (used in these tables) are explained as follows for locomotive gauge conformant vehicles:

Y Route conforms to locomotive gauge without restriction.

R Route conforms (or partly conforms) to locomotive gauge but restrictions apply. See "Notes" column for details.

N Route does not conform to locomotive gauge

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	RA	Loco Gauge	LG2	Notes
NW1001	LEC2	Armitage Jn (MD101 Sectional Appendix Boundary) – Rugeley North Jn	119	20	124	39	8	Y	Y	
NW1001	LEC2	Rugeley North Jn – Colwich Jn	124	39	127	05	8	Y	Y	
NW1001	LEC2	Colwich Jn – Stafford Trent Valley Jn No.1	127	05	133	06	8	Y	Y	
NW1001	LEC3	Stafford Trent Valley Jn No.1 – Change of ELR (North of Stafford)	133	06	133	60	8	Y	Y	
NW1001	LEC4	Change of ELR (North of Stafford) – Little Bridgeford Jn	133	60	137	42	8	Y	R1	R1 - Prohibited between Stafford and Stafford North Jn on the Down Slow line
NW1001	LEC4	Little Bridgeford Jn – Heamies Bridge	137	42	140	00	8	Y	Y	
NW1001	LEC6	Little Bridgeford Jn – Heamies Bridge (Down Slow line only)	137	42	139	64	8	Y	Y	
NW1001	LEC4	Heamies Bridge – Basford Hall Jn	140	00	156	16	8	Y	Y	
NW1001	LEC4	Basford Hall Jn – Change of ELR (Crewe South)	156	16	157	20	8	Y	Y	
NW1001	LEC5	Change of ELR (Crewe South) – Crewe South Jn	157	20	157	60	8	Y	Y	
NW1001	LEC5	Crewe South Jn – Crewe North Jn	157	60	158	18	8	Y	Y	

Line of route	ELR	Line of Route / Sector Description	00 00 M	00 00 Ch	00 00 M	00 00 Ch	RA	Loco Gauge	LG2	Notes
NW1001	LEC5	Crewe North Jn – Change of ELR (Between Crewe Coal Yard and Winsford South Jn)	158	18	159	00	8	Y	Y	
NW1001	CGJ1	Change of ELR (Between Crewe Coal Yard and Winsford South Jn) – Hartford Jn	159	00	170	56	8	Y	Y	
NW1001	CGJ1	Hartford Jn – Change of ELR (Preston Brook Tunnel)	170	56	176	00	8	Y	Y	
NW1001	CGJ2	Change of ELR (Preston Brook Tunnel) – Acton Grange Jn	176	00	180	24	8	Y	Y	
NW1001	CGJ2	Acton Grange Jn – Warrington South Jn	180	24	181	76	8	Y	Y	
NW1001	CGJ3	Warrington South Jn – Winwick Jn	181	76	185	49	8	R1	R2	R1 Prohibited Dallam Royal Mail Terminal Bay platform 4
NW1001	CGJ4	Winwick Jn – Golborne Jn	185	49	187	76	8	Y	Y	
NW1001	CGJ5	Golborne Jn – Wigan Station Jn	0	53	6	33	8	Y	Y	
NW1001	CGJ5	Wigan Station Jn – Farington Curve Jn	6	33	20	08	8	Y	Y	
NW1001	CGJ5	Farington Curve Jn – Preston Ribble Jn	20	08	21	13	8	Y	Y	
NW1001	CGJ5	Preston Ribble Jn – Preston (Change of ELR)	21	13	21	57	8	Y	Y	
NW1001	CGJ6	Preston (Change of ELR) – Preston North Jn	0	00	0	21	8	Y	Y	
NW1001	CGJ6	Preston North Jn – Preston Fylde Jn	0	21	0	33	8	Y	Y	
NW1002	RBS3	Route Boundary (MD301) (Penkridge Station) – Stafford Trent Valley Jn No.1	23	30	28	50	8	Y	Y	
NW1003	HCM2	Buffer Stop (Silverdale Colliery End) – Madeley Chord Jn	3	27	7	36	8	Y	N	
NW1003	HCM3	Madeley Chord Jn – Madeley Jn	0	25	0	00	8	Y	N	
NW1003	HCM2	Madeley Chord Jn – End of Line	7	36	8	14	8	Y	N	
NW1004	RRN2	Route Boundary (MD345) (Cannock Change of ELR) – Rugeley North Jn	14	00	14	69	8	Y	Y	
NW1005	KCS1	Kidsgrove Jn – Crewe South Jn	0	00	8	27	8	Y	Y	
NW1007	SYC	Route Boundary (GW735) (Crewe Jn) – Limit of Electrification	2	60	1	41	8	Y	Y	
NW1007	SYC	Limit of Electrification – Crewe South Jn	1	41	0	00	8	Y	Y	

Line of route	ELR	Line of Route / Sector Description	00 00 M	00 00 Ch	00 00 M	00 00 Ch	RA	Loco Gauge	LG2	Notes
NW1009	BHI	Basford Hall Jn – Site of former Sydney Bridge Jn (Independent lines)	156	16	158	76	8	Y	Y	
NW1009	CMP1	Site of former Sydney Bridge Jn – Sandbach South Jn (Independent lines)	158	76	162	28	8	Y	Y	
NW1011	GSG	Gresty Lane Jn – Salop Goods Jn	0	00	0	37	8	Y	Y	
NW1013	CSG	Crewe Sorting Sidings North – Gresty Lane	157	26	157	47	8	Y	Y	
NW1015	CIL	Salop Goods Jn – Crewe North Jn (Chester Independent lines)	157	64	158	18	8	Y	Y	
NW1017	LLI	Salop Goods Jn – Boundary (NW1001) (Crewe Coal Yard Liverpool Independent lines)	157	71	158	73	8	Y	Y	
NW1019	CHW1/2	Acton Grange Jn – Warrington South Jn (Helsby lines)	16	19	17	76	8	Y	Y	
NW1021	WEE	Winwick Jn – Earlestown East Jn	185	49	187	10	8	Y	Y	
NW1021	DSE	Earlestown East Jn – Newton-le-Willows Jn (Electrified section)	14	75	16	19	8	Y	Y	
NW1021	NGJ	Newton-le-Willows Jn – Golborne Jn	0	00	0	53	8	Y	Y	
NW1023	HOB2	Haydock Branch Jn – End of Line	0	00	0	53	8	Y	Y	
NW1025	IMG	Bamfurlong Sidings Jn – Ince Moss Jn	0	18	0	78	7	Y	Y	
NW1027	PSR1	Preston South Jn – Preston Docks Branch ELR Change	21	39	21	47	8	Y	N	
NW1027	PSR2	Preston Docks Branch ELR Change – Network Rail Boundary (Ribble Steam Railway)	0	00	0	40	8	Y	N	
NW2001	WJL1	NW1001 (Weaver Jn) – Ditton East Jn	174	53	182	67	8	Y	Y	
NW2001	WJL2	Ditton East Jn – Speke East Jn	182	67	186	72	8	Y	Y	
NW2001	WJL3	Speke Est Jn – Edge Hill East Jn	186	72	191	75	8	Y	Y	
NW2001	WJL4	Edge Hill East Jn – Liverpool Lime Street	191	75	193	52	8	Y	Y	
NW2003	RDB	Runcorn – Network Rail Boundary (Runcorn Dock Branch)	0	02	0	69	8	Y	Y	
NW2005	SCR	Speke East Jn – Garston Jn	22	59	23	52	8	Y	Y	
NW2007	AEG	Allerton East Jn – Garston Jn	0	00	0	28	8	Y	Y	
NW2009	SDJ2	End of Line (Latchford) – Ditton East Jn	10	06	18	55	8	Y	Y	
NW2011	WOA1	Walton Old Jn – Arpley Jn	0	68	0	00	8	Y	Y	

Line of route	ELR	Line of Route / Sector Description	00 00 M	00 00 Ch	00 00 M	00 00 Ch	RA	Loco Gauge	LG2	Notes
NW2015	DSE	Ordsall Lane Jn – Newton-le-Willows Jn	30	38	16	19	8	Y	Y	
NW2015	DSE	Newton-le-Willows Jn – Earlestown East Jn (Electrified section)	16	19	14	75	8	Y	Y	
NW2015	DSE	Earlestown East Jn – Edge Hill	14	75	1	57	8	Y	Y	
NW2017	SCN	Eccles Station Jn – Network Rail (Weaste Branch) / MSC Boundary	0	00	0	54	8	Y	Y	
NW2019	PJL	Parkside Jn – Lowton Jn (East Curve lines)	0	05	0	36	8	Y	Y	
NW2021	EEE	Earlestown South. Jn – Earlestown West Jn (Liverpool Curve)	186	74	187	15	8	Y	Y	
NW2023	SBH3	Springs Branch Jn – Gerards Bridge Jn	12	54	5	66	7	Y	Y	
NW2023	SBH2	Gerards Bridge Jn – St Helens Station Jn	5	66	5	12	7	Y	Y	
NW2023	SBH1	St Helens Station Jn – Huyton Jn	5	12	0	-18	7	Y	Y	
NW2025	SHS1	St. Helens Station Jn – Network Rail Boundary	7	15	6	04	8	Y	N	
NW2027	SCT1/2	Edge Hill, Bootle Branch Jn – Network Rail Boundary (MDHC)	0	15	5	53	8	Y	Y	
NW2029	OME3	Olive Mount Jn – Edge Lane Jn	0	10	0	52	8	Y	Y	
NW3001	CNH1	Crewe North Jn – Limit of Electrification (Crewe Steelworks)	158	18	159	55	8	Y	Y	
NW3001	CNH1	Limit of Electrification (Crewe Steelworks) – Chester East Jn	159	55	178	66	8	Y	Y	
NW3001	CNH2	Chester East Jn – Change of ELR (Windmill Lane Tunnel)	178	66	179	56	8	Y	R1 R2	R1 Prohibited Chester Parcels platform Prohibited Chester platform 3
NW3001	CNH3	Change of ELR (Windmill Lane Tunnel) – Route Boundary LNW / Wales	179	56	188	40	8	Y	Y	
NW3001	CNH3	Route Boundary LNW / Wales – Holyhead	188	40	263	56	8	R1 R2 R3 R4	N	R1 Prohibited Llandudno Junction Up Bay Platform 2 R2 Prohibited between Conwy and Menai Bridge South Jn on the Up Main line R3 Prohibited between Bodorgan and Ty Croes on the Down line R4 Prohibited between Rhosneigr and Valley on the Down line
NW3003	CHW1	Chester East Jn – Acton Grange Jn	0	24	16	19	8	Y	R1	R1 - Prohibited between Runcorn East and Acton Grange Jn Down line

Line of route	ELR	Line of Route / Sector Description	00 00 M	00 00 Ch	00 00 M	00 00 Ch	RA	Loco Gauge	LG2	Notes
NW3005	WSJ2	Route Boundary (GW731) (Crewe Jn) – Route Boundary Wales / LNW including 'Up & Down' loop Wrexham General ELR WDB1	199	00	202	60	8	Y	Y	
NW3005	WSJ2	Route Boundary Wales / LNW – Saltney Jn	202	60	212	06	8	Y	Y	
NW3007	WDB1	Wrexham Central – Wrexham Exchange Jn	0	16	0	68	5	Y	N	
NW3007	WDB1	Wrexham Exchange Jn – Change of RA at 13m 20ch (South end of Hawarden Bridge)	0	68	13	20	8	Y	N	
NW3007	WDB1	Change of RA at 13m 20ch (South end of Hawarden Bridge) – Change of ELR	13	20	13	33	7	Y	N	
NW3007	WDB2/3	Change of ELR – Route Boundary Wales / LNW	14	15	11	00	7	Y	N	
NW3007	WDB3	Route Boundary Wales / LNW – Bidston Dee Jn	11	00	0	08	7	R1 R2	Y	R1 Prohibited between Heswall and Upton on the Down Wrexham line R2 Prohibited between Heswall and Upton on the Up Wrexham line
NW3009	CVS	Chester North Jn – Chester South Jn	0	36	0	13	8	Y	Y	
NW3011	CRR1	Chester West Jn – Hooton South Jn	0	16	7	68	8	R1	N	R1 Prohibited between Bache and Capenhurst on the Up line
NW3013	HHJ	Hooton South. Jn – Ellesmere Port (Limit of DC electrification)	0	02	3	44	8	R1	N	R1 Prohibited between Hooton South Jn and Little Sutton on the Up Main line
NW3013	HHJ	Ellesmere Port (Limit of DC electrification) – Helsby Jn	3	44	8	67	8	Y	N	
NW3015	LJT1	Llandudno Jn – Blaenau Ffestiniog, End of Line	0	30	27	53	7	R1 R2 R3 R4	N	R1 Prohibited between Llandudno Jn and Glan Conwy on the single line R2 Prohibited between Llanrwst and Betws-Y-Coed on the Down and Up Main single line R3 Prohibited between Roman Bridge and Ffestiniog Tunnel on the Down and Up Main single line R4 Prohibited Blaenau Ffestiniog old platform (disused) on the approach to Blaenau Ffestiniog
NW3017	LLJ	Llandudno Jn – Llandudno	0	03	3	14	7	R1	N	R1 Prohibited Llandudno platform 1
NW3019	GLA	Gaerwen – Network Rail Boundary	0	00	17	37	6	Y	N	
NW3021	FJH	Frodsham Jn – Halton Jn	1	54	0	00	8	Y	Y	
NW3023	EJN	Edgeley Jn – Northenden Jn	0	00	3	68	8	Y	Y	
NW3023	WJP1	Northenden Jn – Skelton Jn	33	52	30	12	8	Y	R1	R1 - Prohibited between Northenden Jn and Skelton Jn Down line
NW3023	SJD	Skelton Jn – Deansgate Jn	0	00	0	33	8	Y	Y	
NW3023	CDM1	Deansgate Jn – Change of ELR (Altrincham)	7	05	8	00	8	Y	N	

Line of route	ELR	Line of Route / Sector Description	00 00 M	00 00 Ch	00 00 M	00 00 Ch	RA	Loco Gauge	LG2	Notes
NW3023	CDM2	Change of ELR (Altrincham) – Mickle Trafford Jn	7	69	35	40	8	R1 R2 R3	N	R1 Prohibited between Ashley and Mobberley on the Down line R2 Prohibited between Altrincham and Ashley on the Down line R3 Prohibited between Mouldsworth and Mickle Trafford Jn on the Single line
NW3025	WJP1	Skelton Jn – Partington Jn Network Rail Boundary	30	12	27	20	7	Y	N	
NW3027	CDM1	Network Rail Boundary (Metrolink) – Deansgate Jn	6	77	7	05	8	Y	Y	
NW3027	CDM1	Deansgate Jn – Altrincham	7	05	8	00	8	Y	Y	
NW3029	SNJ	Sandbach North Jn – Northwich West Jn	0	00	8	64	8	Y	Y	
NW3031	NSN	Northwich South Jn – Northwich Station Jn	8	37	8	66	8	Y	Y	
NW3033	HEG	Hartford East Jn – Hartford North Jn (East Goods line)	21	67	22	10	8	Y	Y	
NW3035	HWG	Hartford West Jn – Hartford North Jn (West Goods line)	0	11	0	29	8	Y	Y	
NW3037	HCN	Hartford C.L.C. Jn – Hartford Jn	0	72	0	16	8	Y	Y	
NW4001	CGJ5	Preston Ribble Jn – Preston (Change of ELR)	21	13	21	57	8	Y	Y	
NW4001	CGJ6	Preston (Change of ELR) – Preston North Jn	0	00	0	21	8	Y	Y	
NW4001	CGJ6	Preston North Jn – Preston Fylde Jn	0	21	0	33	8	Y	Y	
NW4001	CGJ6	Preston Fylde Jn – Lancaster	0	33	20	78	8	Y	Y	
NW4001	CGJ7	Lancaster – Carnforth North Jn	0	00	6	08	8	Y	R1 R2	
NW4001	CGJ7	Carnforth North Jn – Oxenholme	6	08	19	11	8	Y	Y	
NW4001	CGJ7	Oxenholme – Upperby Jn	19	11	68	23	8	Y	Y	
NW4001	CGJ7	Upperby Jn – Carlisle	68	23	69	09	8	R1 R2	R1 R3 R4	R1 Prohibited Carlisle Down Bay platform 2 (Up Maryport & Carlisle line) R2 Prohibited Carlisle platform 4 (Up Main line) R3 Prohibited Carlisle platform 3 R4 Prohibited Carlisle platform 1
NW4001	WCM1	Carlisle – Mossband Jn (Including Kingmoor Yard Goods lines)	0	00	7	57	8	R1 R2	R3 R4	R1 Prohibited Carlisle bay platform 7 R2 Prohibited Carlisle bay platform 8 R3 rohibited Carlisle Bay platform 7 R4 Prohibited Carlisle Bay platform 8
NW4001	WCM1	Mossband Jn – Gretna Jn	7	57	8	57	8	Y	Y	
NW4001	WCM1	Gretna Jn – Route Boundary (SC001) (Gretna Green)	8	57	12	30	8	Y	Y	

Line of route	ELR	Line of Route / Sector Description	00 00 M	00 00 Ch	00 00 M	00 00 Ch	RA	Loco Gauge	LG2	Notes
NW4001	UCJ	Upperby Bridge Jn – Upperby Bridge	67	58	68	23	8	Y	Y	
NW4003	PDB	Preston Fylde Jn – End of line	0	00	1	59	8	Y	N	
NW4005	PBN	Preston Fylde Jn – Kirkham North Jn	0	33	8	28	8	Y	Y	
NW4005	PBN	Kirkham North Jn – Poulton Jn	8	28	14	40	8	Y	Y	
NW4005	PBN	Poulton Jn – Blackpool North	14	40	17	49	8	Y	Y	
NW4007	KBS1	Kirkham North Jn – Blackpool South	8	28	20	00	8	R1	N	R1 Prohibited from Blackpool South (Down & Up Main line)
NW4009	WPS	Poulton – End of Line	14	40	18	08	8	Y	N	
NW4011	MSM	Morecambe South Jn – Morecambe Buffer Stops	0	00	2	12	8	R1	Y	R1 Prohibited Bare Lane platform (Down & Up Heysham line)
NW4013	HBL	Hest Bank Jn – Bare Lane Jn	0	00	1	30	8	Y	Y	
NW4017	MHH	Morecambe Jn – Heysham Port	0	00	4	01	8	Y	Y	
NW4019	OXW	Oxenholme – Windermere	0	00	10	15	8	Y	Y	
NW4021	UCJ	Upperby Jn – Bog Jn	0	38	1	07	8	Y	Y	
NW4021	UCJ	Bog Jn – Rome St. Jn	1	07	1	23	8	Y	Y	
NW4023	ULR	Upperby Jn – London Rd. Jn	0	00	0	34	8	Y	Y	
NW4025	MCG/S CG	Currock Jn – Bog Jn	0	00	0	44	8	Y	Y	
NW4027	BSN	Bruntill Branch Jn – Stainton Jn via Down and Up Brunthill Branch Siding	0	66	0	02	8	Y	Y	
NW4027	ETC	End of Line Buffer Stops – Network Rail Boundary / Brunthill via Down and Up Brunthill line	96	09	95	06	8	Y	Y	
NW4029	GJH	Mossband Jn – Bush-on-Esk West Jn	3	02	1	06	8	Y	Y	
NW4029	GJH	Bush-on-Esk West Jn – Network Rail Boundary	1	06	0	24	8	Y	N	
NW4031	GSW	Gretna Jn – Route Boundary (SC031) (Eastriggs)	116	13	115	40	8	Y	Y	
NW4033	CBC1	Carnforth North Jn – Carnforth Station Jn	0	19	0	38	8	Y	N	
NW4033	CBC1	Carnforth Station Jn – Limit of Electrification (Carnforth)	0	38	0	60	8	Y	N	
NW4033	CBC1	Limit of Electrification (Carnforth) – Whitehaven	0	60	74	66	8	R1	N	R1 Prohibited between Silverdale and Arnsdale on the Up Main line Prohibited between Ulverston and Dalton on the Up Main line
NW4033	CBC1	Whitehaven – Bransty SB (Change of ELR)	74	66	74	73	7	Y	N	
NW4033	CBC2	Bransty SB (Change of ELR) – Change of ELR (Maryport)	0	16	12	05	7	R1	N	R1 Prohibited between Bransty and Parton South Jn on the Down Main line

Line of route	ELR	Line of Route / Sector Description	00	00	00	00	RA	Loco Gauge	LG2	Notes
			M	Ch	M	Ch				
NW4033	CBC3	Change of ELR (Maryport) – Carlisle South Jn	0	00	27	49	8	Y	N	
NW4041	DAP	Dalton Jn – Park South Jn	0	00	0	76	8	Y	Y	
NW5001	CMP1	Crewe North Jn – Sandbach North Jn	158	17	162	62	8	Y	Y	
NW5001	CMP1	Sandbach North Jn – Wilmslow South Jn	162	62	176	53	8	Y	Y	
NW5001	CMP1	Wilmslow South Jn – Cheadle Hulme North Jn	176	53	180	67	8	Y	Y	
NW5001	CMP1	Cheadle Hulme North Jn – Edgeley Jn No.1	180	67	182	36	8	Y	Y	
NW5001	CMP2	Edgeley Jn No.1 – Edgeley Jn	182	36	182	59	8	Y	Y	
NW5001	CMP2	Edgeley Jn – Slade Lane Jn	182	59	186	46	8	Y	R1	R1 - Prohibited between Chapel and Stockport Up Slow line
NW5001	CMP2	Slade Lane Jn – Ardwick Jn	186	46	188	08	8	Y	Y	
NW5001	CMP2	Ardwick Jn – Manchester Piccadilly East Jn	188	08	188	48	8	Y	Y	
NW5001	CMP2	Manchester Piccadilly East Jn – Manchester Piccadilly	188	48	188	70	8	Y	Y	
NW5003	STY	Wilmslow South Jn – Heald Green South Jn	0	00	2	50	8	Y	Y	
NW5003	STY	Heald Green South Jn – Heald Green North Jn	2	50	3	13	8	Y	Y	
NW5003	STY	Heald Green North Jn – Slade Lane Jn	3	13	9	44	8	Y	Y	
NW5005	SMA	Heald Green South Jn – Heald Green West Jn	1	48	1	10	8	Y	Y	
NW5007	MIA	Manchester Airport – Heald Green North Jn	0	00	1	51	8	Y	Y	
NW5008	LEC6	Little Bridgeford Jn – Searchlight Lane Jn (Change of ELR and mileage) (Up line only)	137	42	138	55	8	Y	Y	
NW5008	NBS	Searchlight Lane Jn (Change of ELR and mileage) – Stone Jn	4	06	0	00	8	Y	Y	
NW5008	NBS	Norton Bridge Jn – Yamfield Jn (Norton Bridge East Chord)	4	14	2	50	-	N	Y	
NW5009	CMD2	Colwich Jn – Stone Jn	38	61	27	00	8	Y	Y	
NW5009	CMD2	Stone Jn – Stoke Jn	27	00	20	36	8	Y	Y	
NW5009	CMD2	Stoke Jn – Glebe Street Jn	20	36	20	10	8	Y	Y	
NW5009	CMD2	Glebe Street Jn – Change of ELR	20	10	15	65	8	Y	Y	
NW5009	CMD1	Change of ELR – Kidsgrove Jn	16	00	13	68	8	Y	Y	
NW5009	CMD1	Kidsgrove Jn – Macclesfield Hibel Road (Change of ELR)	13	68	0	00	8	Y	Y	
NW5009	MCH	Macclesfield Hibel Road (Change of ELR) – Cheadle Hulme North Jn	9	37	0	00	8	Y	Y	
NW5010	SCQ1	Glebe Street Jn – Change of Mileage	20	08	20	33	6	Y	N	

Line of route	ELR	Line of Route / Sector Description	00 00 M	00 00 Ch	00 00 M	00 00 Ch	RA	Loco Gauge	LG2	Notes
NW5010	SCQ1	Change of Mileage – Change of Mileage (Site of Former Milton Jn)	0	00	3	51	6	Y	N	
NW5010	SCQ2	Change of Mileage (Site of Former Milton Jn) – Change of Mileage (Site of Former Leek Brook Jn)	0	00	6	65	6	Y	N	
NW5010	SCQ3	Change of Mileage (Site of Former Leek Brook Jn) – Caldon Quarry	0	00	8	01	6	Y	N	
NW5011	HNS	Heaton Norris Jn – Guide Bridge Station Jn	0	00	4	73	8	Y	Y	
NW5012	NSS	Route Boundary (LN3505) (North Stafford Jn) – Stoke Jn	1	40	0	00	8	Y	Y	
NW5013	DJO1	Denton Jn – Change of Mileage (Site of Former Crowthorne Jn)	4	10	5	28	8	Y	Y	
NW5013	DJO2	Change of Mileage (Site of Former Crowthorne Jn) – Change of Mileage (Site of Former Ashton Moss South Jn)	0	53	1	19	8	Y	Y	
NW5013	AMJ	Change of Mileage (Site of Former Ashton Moss South Jn) – Ashton Moss North Jn	0	00	0	40	8	Y	Y	
NW5015	HAJ	Hadfield – Dinting East Jn	12	61	12	00	8	Y	Y	
NW5015	HAJ	Dinting East Jn – Dinting West Jn	12	00	11	66	8	Y	Y	
NW5015	HAJ	Dinting West Jn – Hyde Jn	11	66	6	16	8	Y	Y	
NW5015	HAJ	Hyde Jn – Guide Bridge West Jn	6	16	5	10	8	Y	Y	
NW5015	HAJ	Guide Bridge West Jn – Guide Bridge Station Jn	5	10	4	73	8	Y	Y	
NW5015	HAJ	Guide Bridge Station Jn – Ashburys East Jn	4	73	1	56	8	Y	Y	
NW5015	HAJ	Ashburys East Jn – Ashburys West Jn	1	56	1	36	8	Y	Y	
NW5015	HAJ	Ashburys West Jn – Ardwick Jn	1	36	0	40	8	Y	Y	
NW5017	DSD	Dinting South Jn – Dinting East Jn	0	72	1	05	8	Y	Y	
NW5019	GDW	Glossop – Dinting South Jn	0	01	0	72	8	Y	Y	
NW5019	GDW	Dinting South Jn – Dinting West Jn	0	72	1	05	8	Y	Y	
NW5021	SAJ	Guide Bridge West Jn – Stalybridge	0	04	2	20	8	Y	Y	
NW6001	COL	Manchester Piccadilly East Jn – Castlefield Jn	188	48	189	67	8	Y	Y	
NW6001	COL	Castlefield Jn – Ordsall Lane Jn	189	67	190	28	8	Y	Y	

Line of route	ELR	Line of Route / Sector Description	00 00 M	00 00 Ch	00 00 M	00 00 Ch	RA	Loco Gauge	LG2	Notes
NW6001	OLW	Ordsall Lane Jn – Windsor Bridge South Jn	190	28	191	01	8	Y	Y	
NW6001	MVE1	Windsor Bridge South Jn – Windsor Bridge North Jn	1	55	1	66	8	Y	Y	
NW6001	MVE1	Windsor Bridge North Jn – Bolton West Jn	1	66	10	55	8	Y	Y	
NW6001	MVE2	Bolton West Jn – Lostock Jn	10	55	13	39	8	Y	Y	
NW6001	MVE2	Lostock Jn – Euxton Jn	13	39	25	31	8	Y	Y	
NW6003	MAJ	Castlefield Jn – Trafford Park Sidings (Limit of Electrification)	33	57	31	35	8	Y	N	
NW6003	MAJ	Trafford Park Sidings (Limit of Electrification) – Hunts Cross	31	35	7	07	7	Y	N	
NW6003	MAJ	Hunts Cross – Hunts Cross West Jn	7	07	6	11	7	Y	N	
NW6003	AHX	Hunts Cross West Jn – Allerton Jn	0	37	0	00	7	Y	Y	
NW6004	OCD	Water Street Jn – Irwell Street Jn (Change of Mileage and ELR)	190	05	190	34	10	Y	Y	
NW6004	DSE	Irwell Street Jn (Change of Mileage and ELR) – Deal Street Jn (Ordsall Curve lines)	30	64	31	18	10	Y	Y	
NW6005	MVM	Manchester Victoria East Jn – Manchester Victoria	0	09	0	00	8	Y	Y	
NW6005	MVE1	Manchester Victoria – Deal Street Jn (Chat Moss Lines)	0	00	0	32	8	Y	Y	
NW6005	MVE1	Deal Street Jn – Windsor Bridge South Jn	0	32	1	55	8	Y	Y	
NW6007	DSE	Deal Street Jn – Ordsall Lane Jn	31	18	30	38	8	Y	Y	
NW6009	WBS1	Windsor Bridge North Jn – Crow Nest Jn	1	66	14	64	8	Y	Y	
NW6009	WBS2	Crow Nest Jn – Wigan Station Jn	14	64	17	44	8	Y	Y	
NW6009	WBS2	Wigan Station Jn – Wigan Wallgate Jn	17	44	18	04	8	Y	Y	
NW6009	WBS3	Wigan Wallgate Jn – Southport	18	04	35	27	8	Y	R1	R1 Prohibited Southport platform 4
NW6011	BBB	Bolton East Jn – Blackburn Bolton Jn	10	31	24	08	8	Y	Y	
NW6013	LCN	Lostock Jn – Crow Nest Jn	13	39	17	18	8	Y	Y	
NW6015	WKL1	Wigan Wallgate Jn – Change of Mileage (Pemberton)	18	04	19	48	7	Y	R1	R1 Prohibited between Wigan Wallgate Jn and Pemberton Down line
NW6015	WKL2	Change of Mileage (Pemberton) – Kirkby	19	09	29	40	7	Y	Y	
NW7001	MVM	Manchester Victoria East Jn (Man Vic West Jn – East Jn on NW6005) – Miles Platting Jn	0	09	1	30	8	Y	Y	

Line of route	ELR	Line of Route / Sector Description	00 00 M	00 00 Ch	00 00 M	00 00 Ch	RA	Loco Gauge	LG2	Notes
NW7001	MPR1	Miles Platting Jn – Brewery Jn	1	30	1	52	8	Y	Y	
NW7001	MPR1	Brewery Jn – Thorpes Bridge Jn	1	52	2	17	8	Y	Y	
NW7001	MVN2	Thorpes Bridge Jn – Castleton South Jn	2	17	8	21	8	Y	N	
NW7001	MVN2	Castleton South Jn – Castleton East Jn	8	21	8	52	8	Y	N	
NW7001	MVN2	Castleton East Jn – Hall Royd Jn	8	52	19	61	8	R1 R2 R3	N	R1 Prohibited through Summit Tunnel (Down L & Y) R2 Prohibited through Summit Tunnel (Up L & Y) R3 Prohibited through Deanroyd Tunnel (Down L & Y)
NW7001	MVN2	Hall Royd Jn – Route Boundary (LN854) (Turners Lane Jn)	19	61	22	62	8	Y	N	
NW7005	CEH	Castleton East Jn. – Castleton North Jn	0	00	0	37	8	Y	Y	
NW7005	CPI1	Castleton South Jn – Castleton North Jn	8	21	8	50	8	Y	N	
NW7005	CPI2	Castleton North Jn – Network Rail / East Lancashire Railway Boundary (Hopwood)	8	50	9	04	8	Y	N	
NW7007	FCO	Farington Curve Jn – Ormskirk	25	64	12	15	8	Y	Y	
NW7009	FHR1	Farington Curve Jn – Lostock Hall Depot	0	00	0	75	8	Y	Y	
NW7009	FHR2	Lostock Hall Depot – Lostock Hall Jn	0	75	1	42	8	Y	Y	
NW7009	FHR3	Lostock Hall Jn – Change of ELR (Site of Former Bamber Bridge Jn)	1	42	2	10	8	Y	Y	
NW7009	FHR4	Change of ELR (Site of Former Bamber Bridge Jn) – Blackburn Bolton Jn	2	10	10	11	8	Y	Y	
NW7009	FHR4	Blackburn Bolton Jn – Blackburn	10	11	10	42	8	Y	R1	R1 Prohibited Blackburn platform 3
NW7009	FHR5	Blackburn – Daisyfield Jn	10	42	11	09	8	Y	Y	
NW7009	FHR5	Daisyfield Jn – Gannow Jn	11	09	21	03	8	R1	N	R1 Prohibited between Huncoat and Hapton on the Up East Lancs line
NW7009	FHR6	Gannow Jn – Hall Royd Jn	21	03	30	54	8	R1 R2	N	R1 Prohibited between Burnley Manchester Road and Copy Pit on the Down East Lancs line R2 Prohibited between Burnley Manchester Road and Hall Royd Jn on the Up East Lancs line
NW7011	LHL	Farington Jn – Limit of electrification	0	00	0	56	8	Y	Y	
NW7011	LHL	Limit of electrification – Lostock Hall Jn (Lostock Hall Lines)	0	56	0	77	8	Y	Y	
NW7013	DJH	Daisyfield Jn – Hellifield	11	09	34	68	8	Y	Y	

Line of route	ELR	Line of Route / Sector Description	00 00	00 00	00 00	00 00	RA	Loco Gauge	LG2	Notes
			M	Ch	M	Ch				
NW7015	PRG	End of Line (Padiham Power Station Sidings) – Rose Grove West Jn	1	76	0	00	7	Y	N	
NW7017	GJC	Gannow Jn – Colne	21	03	27	37	8	Y	N	
NW7019	MPR2	Thorpes Bridge Jn – Network Rail Boundary (Metrolink (Down Up Boundary at 2m 32ch))	2	22	3	05	8	N	N	
NW7021	MVM	Miles Platting – Change of ELR	1	22	1	30	8	Y	Y	
NW7021	MVL1	Change of ELR – Philips Park West Jn	1	30	1	57	8	Y	Y	
NW7021	MVL1	Philips Park West Jn – Baguley Fold Jn	1	57	2	39	8	Y	Y	
NW7021	MVL1	Baguley Fold Jn – Ashton Moss North Jn	2	39	5	41	8	Y	Y	
NW7021	MVL1	Ashton Moss North Jn – Stalybridge West Jn	5	41	7	50	8	Y	Y	
NW7021	MVL2	Stalybridge West Jn – Stalybridge Change of ELR	7	50	7	70	8	Y	R1	R1 Prohibited between Mossley and Greenfield Up Huddersfield line
NW7021	MVL3	Stalybridge Change of ELR – Route Boundary (LN860) (Springwood Jn)	7	70	15	11	8	R1	Y	R1 Prohibited between Mossley and Greenfield on the Up Huddersfield line
NW7023	BPP	Philips Park West Jn – Brewery Jn	0	00	0	18	8	Y	Y	
NW7025	PPA1	Philips Park West Jn – Philips Park South Jn	1	59	2	07	8	Y	Y	
NW7025	PPA1	Philips Park South Jn – Change of Mileage	2	07	3	12	7	Y	Y	
NW7025	PPA2	Change of Mileage – Ashburys West Jn	0	57	0	00	7	Y	Y	
NW7027	PPP1	Baguley Fold Jn – Change of Mileage	2	39	2	13	8	Y	Y	
NW7027	PPP2	Change of Mileage – Philips Park South Jn	0	00	0	19	8	Y	N	
NW8001	HXS1	Hunts Cross West Jn – Liverpool Central	6	11	0	02	8	N	N	
NW8001	HXS2	Liverpool Central. – Paradise Jn	37	13	36	71	8	N	N	
NW8001	HXS2	Paradise Jn – Sandhills Jn	36	71	34	75	8	N	Y	
NW8001	HXS3	Sandhills Jn – Bootle Jn	1	41	2	39	8	Y	Y	
NW8001	HXS3	Bootle Jn – Southport	2	39	18	35	8	Y	N	
NW8003	SIL	Paradise Jn – James Street (Stock Interchange/Holding line)	0	32	0	53	8	N	N	

Line of route	ELR	Line of Route / Sector Description	00 00 M	00 00 Ch	00 00 M	00 00 Ch	RA	Loco Gauge	LG2	Notes
NW8005	SJO1	Sandhills Jn – Walton Jn	34	75	33	16	7	Y	Y	
NW8005	SJO2	Walton Jn – Ormskirk	3	20	12	13	8	Y	Y	
NW8007	HXS/N MM	Bootle Jn – Change of ELR (Site of former North Mersey Jn)	2	34	3	52	7	Y	Y	
NW8007	NMB	Change of ELR (Site of former North Mersey Jn) – Change of ELR (Site of Former Sefton Jn)	34	40	32	42	7	Y	N	
NW8007	AFL	Change of ELR (Site of Former Sefton Jn) – Aintree Station Jn	0	00	0	40	7	Y	N	
NW8009	WJK	Walton Jn – Kirkby	33	16	29	41	8	Y	R1	R1 Prohibited between Rice Lane and Fazakerley
NW8011	MIR1	Mann Island Jn – Mann Island Jn via Loop	0	00	2	12	8	N	N	
NW8011	MIR2	Mann Island Jn – Hamilton Square Jn	0	69	1	72	8	N	N	
NW8011	CWK1	Hamilton Square Jn – Change of ELR (Birkenhead Park)	1	72	3	00	8	N	N	
NW8011	CWK2	Change of ELR (Birkenhead Park) – Bidston East Jn	3	00	4	40	8	R1	N	R1 Prohibited between Change of ELR (Birkenhead Park) and Birkenhead North on the Down West Kirby line
NW8011	CWK3	Bidston East Jn – Bidston Dee Jn	4	40	4	78	8	Y	Y	
NW8011	CWK3	Bidston Dee Jn – West Kirby	4	78	10	46	8	Y	Y	
NW8013	MIR2	Canning Street Jn – Rock Ferry	1	60	3	42	8	R1	N	R1 Prohibited Rock Ferry platform 1 (Down Chester line)
NW8013	CRR2	Rock Ferry – Hooton South Jn	13	43	7	68	8	Y	N	
NW8015	BEN	Bidston East Jn – New Brighton (New Brighton lines)	4	40	7	18	6	R1	R2	R1 Prohibited New Brighton platform 1 (Down New Brighton line) R2 Prohibited Wallasey Grove Road Down platform
NW8017	CCS1/ 2	Network Rail Boundary (Canning Street North) – Rock Ferry South Jn	15	40	13	30	8	Y	N	
NW9001	MAS	Route Boundary (LN808) (Dore West Jn) – Chinley North Jn	154	20	174	01	8	R1	Y	R1 Prohibited between Earles Sidings and Edale on the Down Main line
NW9001	TTA1	Chinley North Jn – New Mills South Jn	168	39	172	27	8	R1	N	R1 Prohibited between Chinley and New Mills South Jn on the Up Main Line
NW9001	NMC1	New Mills South Jn – Hazel Grove High Level Jn	172	27	177	40	8	Y	Y	
NW9001	HGC	Hazel Grove High Level Jn – Hazel Grove East Jn	2	62	2	35	8	Y	Y	
NW9001	BEJ	Hazel Grove East Jn (Limit of electrification) – Edgeley Jn No.1	2	35	0	00	8	Y	N	

Line of route	ELR	Line of Route / Sector Description	00 00 M	00 00 Ch	00 00 M	00 00 Ch	RA	Loco Gauge	LG2	Notes
NW9003	CYC	Chinley East Jn – Chinley South Jn (Chord Line)	168	32	167	56	8	Y	Y	
NW9005	CNB1	Chinley North Jn – Chinley South Jn	168	39	167	56	8	Y	N	
NW9005	CNB1	Chinley South Jn – Change of Mileage (Site of Former Peak Forest Jn)	167	56	161	05	8	R1 R2 R3	N	R1 Prohibited through Chapel LNW Tunnel on the Down Goods line R2 Prohibited between Chinley South Jn and Peak Forest South Jn on the Down Goods line R3 Prohibited between Chinley South Jn and Peak Forest South Jn on the Up Goods line
NW9005	CNB2	Change of Mileage (Site of Former Peak Forest Jn) – Change of Mileage (Site of Former Buxton Jn)	0	00	0	28	8	Y	N	
NW9005	CNB3	Change of Mileage (Site of Former Buxton Jn) – Buxton SB	161	15	164	52	8	Y	N	
NW9005	CNB4	Buxton SB – Buxton Sidings	164	52	165	12	8	Y	N	
NW9007	TTA1	New Mills South Jn – Marple Wharf Jn	172	17	177	23	8	R1 R2	N	R1 Prohibited between New Mills South Jn and New Mills Central on the Down Romiley line R2 Prohibited between Strines and Marple on the Up Romiley line
NW9007	TTA1	Marple Wharf Jn – Romiley Jn	177	23	178	33	8	Y	N	
NW9007	TTA1	Romiley Jn – Brinnington (Change of Mileage)	178	33	181	00	7	Y	N	
NW9007	TTA2	Brinnington (Change of Mileage) – Ashburys East Jn	42	77	46	24	7	R1	N	R1 Prohibited between Belle Vue and Ashburys East Jn on the Up Reddish Branch line
NW9009	MRH	Marple Wharf Jn – Rose Hill Buffer Stop	11	02	9	78	8	Y	Y	
NW9011	RYH1	Romiley Jn – Woodley Jn	178	33	179	44	8	Y	Y	
NW9011	RYH2	Woodley Jn – Hyde Jn	8	74	6	16	8	Y	R1	R1 Prohibited Hyde North Down platform
NW9013	WJP1	Woodley Jn – Bredbury Sidings	40	53	39	58	7	Y	Y	
NW9017	NMC1/2	Hazel Grove High Level Jn – Cheadle Jn	177	40	181	71	8	Y	Y	
NW9017	WJP1	Cheadle Jn – Northenden Jn	35	64	33	52	8	Y	Y	
NW9019	BUX	Buxton – Brigg's Sidings	0	00	4	70	8	Y	N	

Line of route	ELR	Line of Route / Sector Description	00 00 M	00 00 Ch	00 00 M	00 00 Ch	RA	Loco Gauge	LG2	Notes
NW9021	BEJ	Buxton – Hazel Grove East Jn	19	09	2	35	8	R1 R2 R3 R4	N	R1 Prohibited between Dove Holes and Chapel-en-le-Frith on the Down Main line R2 Prohibited between Dove Holes and Chapel-en-le-Frith on the Up Main line R3 Prohibited between New Mills Newtown and Disley on the Down Main line R4 Prohibited between New Mills Newtown and Disley on the Up Main line
NW9901	SKW1	Route Boundary (LN922) (Gargrave) – Settle Jn	230	00	234	44	8	Y	Y	
NW9901	SAC	Settle Jn – Petteril Bridge Jn	234	44	307	12	8	Y	Y	
NW9901	NEC2	Petteril Bridge Jn – London Road Jn	59	26	59	45	8	Y	Y	
NW9901	NEC2	London Road Jn – Carlisle South Jn	59	45	60	02	8	Y	Y	
NW9903	SKW1	Settle Jn – Change of Mileage (Wennington)	234	44	249	44	8	Y	Y	
NW9903	SJC	Change of Mileage (Wennington) – Change of Mileage (Site of former Carnforth East Jn)	9	45	0	31	8	R1	N	R1 Prohibited on the Down Branch line
NW9903	CEC	Change of Mileage (Site of former Carnforth East Jn) – Carnforth Station Jn	0	25	0	04	8	Y	Y	
NW9907	WAR	Appleby North Jn – Appleby West Jn	277	27	277	56	7	Y	N	
NW9907	EDE	Network Rail Boundary (Warcop) – End of Line	11	03	11	46	7	Y	Y	
NW9909	NEC2	Route Boundary (LN682) (Corby Gates) – Petteril Bridge Jn	58	00	59	26	8	Y	Y	
NW9911	NGD	London Road Jn – Bog Jn (Newcastle Goods lines)	0	00	0	25	8	Y	Y	

Table D5C – Route clearance of freight vehicles

Last Updated: 05/10/2024

To be read in conjunction with General Notes.

The notations (used in these tables) are explained as follows for freight vehicles or loads conforming to the Group Standards:

- Y Permitted to operate over the route without restriction.
- R Permitted to operate over part or all of the route but restrictions apply. See “Notes” column for details.
- S Permitted for, or prohibited to, specific traffic. See “Notes” column for details.
- * Route does not conform to Group Standard W6A Lower Gauge as defined in GE/RT8073. Certain W6A vehicles are prohibited from all or part of the route; these restrictions are detailed on the Summary of Compatibility for the vehicles concerned.
- N Prohibited from operating over the route.

Conditions of Operation

When operating within a possession the notations detailed within the table may not apply subject to a risk assessment and the application of appropriate control measures (in accordance with company and Group Standards).

Freight traffic, other than containers/swap bodies, which exceed W6A gauge shall only operate in accordance with GORT3056-K.

Vehicles conveying containers/swap bodies are also subject to the procedure detailed in GO/RM3056, Section J Intermodal Traffic.

Temporary authority for a specific wagon and container/swapbody combination may be granted by the Infrastructure Manager's Gauging Engineer. This authority shall be detailed and issued on an RT3973/CON form.

Note

GO/RM3056 Section J Intermodal Traffic contains details of the wagon type (by TOPS code) and container/swapbody (by height, width and/or size code) combinations that conform to the gauges shown as column headings in this table.

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W7A	W8A	W9A	W10A	W12	
NW1001	LEC2	Armitage Jn (MD101) (Sectional Appendix Boundary – Rugeley North Jn	119	20	12	39	Y	Y	Y	Y	Y	
NW1001	LEC2	Rugeley North Jn – Colwich Jn	124	39	127	05	Y	Y	Y	Y	Y	
NW1001	LEC2	Colwich Jn – Stafford Trent Valley Jn No.1	127	05	133	06	Y	Y	Y	Y	Y	
NW1001	LEC3	Stafford Trent Valley Jn No.1 – Change of ELR (Site of former Stafford Uttoxeter line Jn No 5)	133	06	133	60	Y	Y	Y	Y	R1	R2 Prohibited Stafford Up Sow line

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W7A	W8A	W9A	W10A	W12	
NW1001	LEC4	Change of ELR (Site of former Stafford Uttoxeter line Jn No 5) – Norton Bridge North Jn	133	60	139	00	Y	Y	Y	Y	Y	
NW1001	LEC4	Norton Bridge North Jn – Basford Hall Jn	139	00	156	16	Y	Y	Y	Y	Y	R1 Prohibited between Norton Bridge Jn and Basford Hall Jn Down Fast line
NW1001	LEC4	Basford Hall Jn – Change of ELR (Basford Wood)	156	16	157	20	Y	Y	Y	Y	Y	
NW1001	LEC5	Change of ELR (Basford Wood) – Crewe South Jn	157	20	157	60	Y	Y	Y	Y	Y	
NW1001	LEC5	Crewe South Jn – Crewe North Jn	157	60	158	18	Y	Y	Y	R1 R2	R1 R2	R1 Prohibited Crewe platform 1 R2 Prohibited Crewe platform 2
NW1001	LEC5	Crewe North Jn – Change of ELR (Site of former Grand Jn)	158	18	159	00	Y	Y	Y	Y	Y	
NW1001	CGJ1	Change of ELR (Site of former Grand Jn) – Hartford Jn	159	00	170	56	Y	Y	Y	Y	Y	
NW1001	CGJ1	Hartford Jn – Change of ELR (Preston Brook Tunnel)	170	56	176	00	Y	Y	Y	Y	Y	
NW1001	CGJ2	Change of ELR (Preston Brook Tunnel) – Acton Grange Jn	176	00	180	24	Y	Y	Y	Y	Y	
NW1001	CGJ2	Acton Grange Jn – Warrington South Jn	180	24	181	76	Y	Y	Y	Y	Y	
NW1001	CGJ3	Warrington South Jn – Winwick Jn	181	76	185	49	Y	Y	Y	Y	Y	
NW1001	CGJ4	Winwick Jn – Golborne Jn	185	49	187	76	Y	Y	Y	Y	Y	
NW1001	CGJ5	Golborne Jn – Wigan Station Jn	0	53	6	33	Y	Y	Y	Y	Y	
NW1001	CGJ5	Wigan Station Jn – Farington Curve Jn	6	33	20	08	Y	Y	Y	Y	Y	
NW1001	CGJ5	Farington Curve Jn – Preston Ribble Jn	20	08	21	13	Y	Y	Y	Y	Y	
NW1001	CGJ5	Preston Ribble Jn – Preston (Change of ELR)	21	13	21	57	Y	Y	Y	Y	Y	
NW1001	CGJ6	Preston (Change of ELR) – Preston North Jn	0	00	0	21	Y	Y	Y	Y	R1 R2	R1 Prohibited Derby Siding Bay platform R2 Prohibited Bakehouse Siding Bay platform
NW1001	CGJ6	Preston North Jn – Preston Fylde Jn	0	21	0	33	Y	R1	Y	Y	R1	R1 Prohibited Preston Parcels siding South platform
NW1002	RBS3	Route Boundary (MD301) (Penkridge Station) – Stafford Trent Valley Jn No.1	23	30	28	50	Y	Y	Y	Y	Y	
NW1003	HCM2	Buffer Stop (Silverdale Colliery End) – Madeley Chord Jn	3	27	7	36	N	N	N	N	N	
NW1003	HCM3	Madeley Chord Jn – Madeley Jn	0	25	0	00	N	N	N	N	N	
NW1003	HCM2	Madeley Chord Jn – End of line	7	36	8	14	N	N	N	N	N	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W7A	W8A	W9A	W10A	W12	
NW1004	RRN2	Route Boundary (MD345) (Rugeley B Power Station Jn) – Rugeley North Jn	14	00	14	69	Y	Y	Y	Y	Y	
NW1005	KCS1	Kidsgrove Jn – Crewe South Jn	0	00	8	27	Y	Y	Y	Y	Y	
NW1007	SYC	Route Boundary (GW735) (Nantwich) – Gresty Green	2	60	1	18	Y	Y	R1	R1	R1	R1 Prohibited between Limit of Electrification and Route Boundary on the Up line
NW1007	SYC	Gresty Green – Crewe South Jn	1	18	0	00	Y	Y	Y	Y	Y	
NW1009	BHI	Basford Hall Jn – Former site of Sydney Bridge Jn (Independent lines)	156	16	158	76	Y	Y	Y	Y	Y	
NW1009	CMP1	Former site of Sydney Bridge Jn – Sandbach South Jn (Independent lines)	158	76	162	28	Y	Y	Y	Y	Y	
NW1011	GSG	Gresty Lane Jn – Salop Goods Jn	0	00	0	37	Y	Y	Y	Y	Y	
NW1013	CSG	Crewe Sorting Sidings North – Gresty Lane	157	26	157	47	Y	Y	Y	Y	Y	
NW1015	CIL	Salop Goods Jn – Crewe North Jn (Chester Independent lines)	157	64	158	18	Y	Y	Y	Y	Y	
NW1017	LLI	Salop Goods Jn – Crewe Coal Yard (Liverpool Independent lines)	157	71	158	73	Y	Y	Y	Y	Y	
NW1019	CHW1/2	Acton Grange Jn – Warrington South Jn (Helsby lines)	16	19	17	76	Y	Y	Y	Y	Y	
NW1021	WEE	Winwick Jn – Earlestown East Jn	185	49	187	10	Y	Y	Y	Y	Y	
NW1021	DSE	Earlestown East Jn – Newton-le-Willows Jn	14	75	16	19	Y	Y	Y	N	Y	
NW1021	NGJ	Newton-le-Willows Jn – Golborne Jn	0	00	0	53	Y	Y	Y	Y	Y	
NW1023	HOB2	Haydock Branch Jn – End of line (former Kelbit PS)	0	00	0	53	Y	Y	Y	Y	N	
NW1025	IMG	Bamfurlong Sidings Jn – Ince Moss Jn (Ince Moss Goods lines)	0	18	0	78	Y	Y	Y	Y	Y	
NW1027	PSR1	Preston South Jn – Preston Docks Branch ELR Change	21	39	21	47	N	Y	Y	N	N	
NW1027	PSR2	Preston Docks Branch ELR Change – Network Rail Boundary (Ribble Steam Railway)	0	00	0	40	N	Y	Y	N	N	
NW2001	WJL1	Weaver Jn – Ditton East Jn	174	53	182	67	Y	Y	R1	Y	R1	R1 Prohibited between Runcorn Station and Ditton East Jn Down Main line
NW2001	WJL2	Ditton East Jn – Speke East Jn	182	67	186	72	Y	Y	Y	Y	R1	R1 Prohibited between Speke Jn and Ditton East Jn Up Slow line
NW2001	WJL3	Speke Est Jn – Edge Hill East Jn	186	72	191	75	Y	Y	Y	Y	R1	R1 Prohibited between Weavertree Jn and Allerton West Jn Up Slow line
NW2001	WJL4	Edge Hill East Jn – Liverpool Lime Street	191	75	193	52	R1	R1	R1	R1	R1	R1 Only applies from between Edge Hill East Jn and Edge Hill (192m 14ch)

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W7A	W8A	W9A	W10A	W12	
NW2003	RDB	Runcorn – Network Rail Boundary (Runcorn Dock Branch)	0	02	0	69	Y	Y	Y	Y	Y	
NW2005	SCR	Speke East Jn – Garston Jn	22	59	23	52	Y	Y	Y	Y	Y	
NW2007	AEG	Allerton East Jn – Garston Jn	0	00	0	28	Y	Y	Y	Y	Y	
NW2009	SDJ2	End of line (Latchford) – Ditton East Jn	10	06	18	55	Y	Y	Y	Y	Y	
NW2011	WOA1	Walton Old Jn – Arpley Jn	0	68	0	00	Y	Y	Y	Y	Y	
NW2015	DSE	Ordsall Lane Jn – Newton-le-Willows Jn	30	38	16	19	Y	Y	Y	Y	Y	
NW2015	DSE	Newton-le-Willows Jn – Earlestown East Jn (Electrified section)	16	19	14	75	Y	Y	Y	Y	Y	
NW2015	DSE	Earlestown East Jn – Edge Hill	14	75	1	78	Y	Y	R1	R1	R1 R2	R1 Prohibited between Huyton Jn and Sankey Jn Up line R2 Prohibited between Sankey Jn and Huyton Jn Down line
NW2017	SCN	Eccles Station Jn – Weaste Branch Network Rail / MSC Boundary	0	00	0	54	Y	Y	Y	Y	N	
NW2019	PJL	Parkside Jn – Lowton Jn (East Curve lines)	0	05	0	36	Y	Y	Y	Y	Y	
NW2021	EEE	Earlestown South Jn – Earlestown West Jn (Liverpool Curve)	186	74	187	15	Y	Y	Y	Y	Y	
NW2023	SBH3	Springs Branch Jn – Gerards Bridge Jn	12	54	5	66	Y	Y	Y	Y	Y	
NW2023	SBH2	Gerards Bridge Jn – St Helens Station Jn	5	66	5	12	Y	Y	Y	Y	Y	
NW2023	SBH1	St Helens Station Jn – Huyton Jn	5	12	0	-18	Y	Y	Y	Y	R1 R2	R1 Prohibited Scholes Lane Tunnel Up line R2 Prohibited between St. Helens Station Jn and Huyton Jn Down line
NW2025	SHS1	St Helens Station Jn – Sutton Oak Network Rail Boundary	7	15	6	04	N	N	N	N	N	
NW2027	SCT1/2	Edge Hill, Bootle Branch Jn –Network Rail Boundary (MDHC)	0	15	5	53	Y	Y	S1	Y	R1	S1 Only 2905x2560 boxes on FKA and IKA wagons are permitted. R1 Prohibited Alexandra Dock Tunnel Down line

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W7A	W8A	W9A	W10A	W12	
NW2029	OME3	Olive Mount Jn – Edge Lane Jn	0	10	0	52	Y	Y	Y	Y	Y	
NW3001	CNH1	Crewe North Jn – Limit of Electrification (Crewe Steelworks)	158	18	159	41	N	N	N	N	N	
NW3001	CNH1	Limit of Electrification (Crewe Steelworks) – Chester East Jn	159	41	178	66	N	N	N	N	N	
NW3001	CNH2	Chester East Jn – Change of ELR (Chester Windmill Lane Tunnel)	178	66	179	56	N	N	N	N	N	
NW3001	CNH3	Change of ELR (Chester Windmill Lane Tunnel) – Route Boundary LNW / Wales (Rockcliffe Hall)	179	56	188	40	N	N	N	N	N	
NW3001	CNH3	Route Boundary LNW / Wales (Rockcliffe Hall) – Holyhead	188	40	263	56	N	N	N	N	N	
NW3003	CHW1	Chester East Jn – Acton Grange Jn	0	24	16	19	Y	N	N	N	N	
NW3005	WSJ2	Sectional Appendix Boundary (GW731) – Route Boundary Wales / LNW including 'Up & Down' loop Wrexham General ELR WDB1	199	00	202	60	N	N	N	N	N	
NW3005	WSJ2	Route Boundary Wales / LNW – Saltney Jn	202	60	212	06	N	N	N	N	N	
NW3007	WDB1	Wrexham Central – Wrexham Exchange Jn	0	16	0	68	N	N	N	N	N	
NW3007	WDB1	Wrexham Exchange Jn – Change of RA at 13m 20ch (South end of Hawarden Bridge)	0	68	13	20	N	N	N	N	N	
NW3007	WDB1	Change of RA at 13m 20ch (South end of Hawarden Bridge) – Change of ELR	13	20	13	33	N	N	N	N	N	
NW3007	WDB2	Change of ELR (Hawarden Bridge) – Change of ELR (Site of former Dee Marsh Jn West)	14	15	14	00	N	N	N	N	N	
NW3007	WDB3	Change of ELR (Site of former Dee Marsh Jn West) – Route Boundary Wales / LNW (Burton Point)	14	00	11	00	N	N	N	N	N	
NW3007	WDB3	Route Boundary Wales / LNW (Burton Point) – Bidston Dee Jn	11	00	0	08	N	N	N	N	N	
NW3009	CVS	Chester North Jn – Chester South Jn	0	36	0	13	Y	Y	Y	N	N	
NW3011	CRR1	Chester West Jn – Hooton South Jn	0	16	7	68	N	N	N	N	N	
NW3013	HHJ	Hooton South Jn – Ellesmere Port (Limit of DC electrification)	0	02	3	44	N	N	N	N	N	
NW3013	HHJ	Ellesmere Port (Limit of DC electrification) – Helsby Jn	3	44	8	67	N	N	N	N	N	
NW3015	LJT1	Llandudno Jn – Blaenau Ffestiniog, End of line	0	30	27	53	N	N	N	N	N	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W7A	W8A	W9A	W10A	W12	
NW3015	LJT1	Llandudno Jn – Blaenau Ffestiniog, End of line	0	30	27	53	N	N	N	N	N	
NW3017	LLJ	Llandudno Jn – Llandudno	0	03	3	14	N	N	N	N	N	
NW3019	GLA	Gaerwen Jn – Amlwch (Network Rail Boundary)	0	00	17	37	N	N	N	N	N	
NW3021	FJH	Frodsham Jn – Halton Jn	1	54	0	00	Y	Y	N	N	N	
NW3023	EJN	Edgeley Jn – Northenden Jn	0	00	3	68	Y	Y	Y	Y	N	
NW3023	WJP1	Northenden Jn – Skelton Jn	33	52	30	12	N	N	N	N	N	
NW3023	SJD	Skelton Jn – Deansgate Jn	0	00	0	33	Y	Y	Y	Y	N	
NW3023	CDM1	Deansgate Jn – Change of ELR (Altrincham)	7	05	8	00	N	N	N	N	N	
NW3023	CDM2	Change of ELR (Altrincham) – Mickle Trafford Jn	7	69	35	40	R1	R1	N	N	N	R1 Permitted between Northwich West Jn and Hartford CLC Jn only
NW3025	WJP1	Skelton Jn – Partington Jn Network Rail Boundary	30	12	27	20	N	N	N	N	N	
NW3027	CDM1	Network Rail Boundary (Metrolink) – Deansgate Jn	6	77	7	05	–	–	–	–	–	Manchester Metrolink lines
NW3027	CDM1	Deansgate Jn – Altrincham	7	05	8	00	–	–	–	–	–	Manchester Metrolink lines
NW3029	SNJ	Sandbach North Jn – Northwich West Jn	0	00	8	64	Y	Y	Y	N	N	
NW3031	NSN	Northwich South Jn – Northwich Station Jn	8	37	8	66	N	N	N	N	N	
NW3033	HEG	Hartford East Jn – Hartford North Jn (East Goods line)	21	67	22	10	Y	Y	Y	Y	N	
NW3035	HWG	Hartford West Jn – Hartford North Jn (West Goods line)	0	11	0	29	Y	Y	Y	Y	N	
NW3037	HCN	Hartford CLC Jn – Hartford Jn	0	72	0	16	Y	Y	Y	Y	Y	
NW4001	CGJ5	Preston Ribble Jn – Preston	21	13	21	57	Y	Y	Y	N	Y	
NW4001	CGJ6	Preston – Preston North Jn	0	00	0	21	Y	Y	Y	N	Y	
NW4001	CGJ6	Preston North Jn – Preston Fylde Jn	0	21	0	33	Y	Y	Y	N	Y	
NW4001	CGJ6	Preston Fylde Jn – Lancaster	0	33	20	78	Y	Y	Y	N	Y	
NW4001	CGJ7	Lancaster – Carnforth North Jn	0	00	6	08	R1	R1	R1	Y	R1 R2	R1 Prohibited Lancaster Down Bay platform 2 R2 Prohibited Lancaster Up Loop platform 5
NW4001	CGJ7	Carnforth North Jn – Oxenholme	6	08	19	11	Y	R1	Y	Y	Y	R1 Prohibited Oxenholme Down platform
NW4001	CGJ7	Oxenholme – Upperby Jn	19	11	68	23	Y	Y	Y	Y	R1	R1 Prohibited Penrith Down Fast platform

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W7A	W8A	W9A	W10A	W12	
NW4001	CGJ7	Upperby Jn – Carlisle	68	23	69	09	Y	R1	R1	R1	R1	R1 Prohibited Carlisle Up Bay platform 2 R2 Prohibited Carlisle Down platform 3 R3 Prohibited Carlisle Up platform 4
NW4001	UCJ	Upperby Bridge Jn – Upperby Jn	0	00	0	38	Y	Y	Y	Y	Y	
NW4001	WCM1	Carlisle – Mossband Jn (Including Kingmoor Yard Goods lines)	0	00	7	57	Y	Y	Y	R1	R1 R2	R1 Prohibited Carlisle platform 7 R2 Prohibited Carlisle platform 8
NW4001	WCM1	Mossband Jn – Gretna Jn	7	57	8	57	Y	Y	Y	Y	Y	
NW4001	WCM1	Gretna Jn – Route Boundary (SC001)	8	57	12	30	Y	Y	Y	Y	Y	
NW4003	PDB	Preston Fylde Jn – End of line	0	00	1	59	N	N	N	N	N	
NW4005	PBN	Preston Fylde Jn – Kirkham North Jn	0	33	8	28	Y	Y	Y	Y	Y	
NW4005	PBN	Kirkham North Jn – Poulton Jn	8	28	14	40	Y	Y	Y	Y	Y	
NW4005	PBN	Poulton Jn – Blackpool North	14	40	17	49	Y	Y	Y	Y	Y	
NW4007	KBS1	Kirkham North Jn – Blackpool South	8	28	20	00	N	N	N	N	N	
NW4009	WPS	Poulton – Burn Naze (End of Branch)	14	40	18	08	N	N	N	N	N	
NW4011	MSM	Morecambe South Jn – Morecambe Buffer Stops	0	00	2	12	N	N	N	N	N	
NW4013	HLB	Hest Bank Jn – Bare Lane Jn	0	00	1	30	Y	Y	Y	Y	N	
NW4017	MHH	Morecambe Jn – Heysham Port	0	00	4	01	Y	Y	Y	Y	N	
NW4019	OXW	Oxenholme – Windermere	0	00	10	15	N	N	N	N	N	
NW4021	UCJ	Upperby Jn – Bog Jn	0	38	1	07	Y	Y	Y	Y	Y	
NW4021	UCJ	Bog Jn – Rome Street Jn	1	07	1	23	Y	Y	Y	N	Y	
NW4023	ULR	Upperby Jn – London Road Jn	0	00	0	34	Y	Y	Y	Y	Y	
NW4025	MCG	Currock Jn – Change of ELR (Site of former Forks Jn)	0	00	0	29	Y	Y	Y	Y	Y	
NW4025	SCG	Change of ELR (Site of former Forks Jn) – Bog Jn	0	29	0	44	Y	Y	Y	Y	Y	
NW4027	BSN	Bruntill Branch Jn – Stainton Jn via Down and Up Brunthill Branch Siding	0	66	0	2	Y	Y	Y	Y	N	
NW4027	ETC	End of line Buffer Stops – Network Rail Boundary / Brunthill via Down and Up Brunthill line	96	6	95	6	Y	Y	Y	Y	N	
NW4029	GJH	Mossband Jn – Network Rail Boundary	3	02	0	24	N	N	N	N	N	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W7A	W8A	W9A	W10A	W12	
NW4031	GSW	Gretna Jn – Route Boundary (SC031)	116	13	115	40	Y	Y	Y	Y	Y	
NW4033	CBC1	Carnforth North Jn – Carnforth Station Jn	0	19	0	38	N	N	N	N	N	
NW4033	CBC1	Carnforth Station Jn – Limit of Electrification (Carnforth)	0	38	0	60	N	N	N	N	N	
NW4033	CBC1	Limit of Electrification (Carnforth) – Whitehaven	0	60	74	66	N	N	N	N	N	
NW4033	CBC1	Whitehaven – Bransty SB (Change of ELR)	74	66	74	73	N	N	N	N	N	
NW4033	CBC2	Bransty SB (Change of ELR) – Change of ELR (Maryport)	0	16	12	05	N	N	N	N	N	
NW4033	CBC3	Change of ELR (Maryport) – Carlisle South Jn	0	00	27	49	N	N	N	N	N	
NW4041	DAP	Dalton Jn – Park South Jn	0	00	0	76	Y	Y	Y	Y	Y	
NW5001	CMP1	Crewe North Jn – Sandbach North Jn	158	17	162	62	Y	Y	Y	Y	N	
NW5001	CMP1	Sandbach North Jn – Wilmslow South Jn	162	62	176	53	Y	Y	Y	Y	N	
NW5001	CMP1	Wilmslow South Jn – Cheadle Hulme North Jn	176	53	180	67	Y	Y	Y	Y	N	
NW5001	CMP1	Cheadle Hulme North Jn – Edgeley Jn No.1	180	67	182	36	Y	Y	Y	Y	N	
NW5001	CMP2	Edgeley Jn No.1 – Edgeley Jn	182	36	182	59	Y	Y	Y	Y	N	
NW5001	CMP2	Edgeley Jn – Slade Lane Jn	182	59	186	46	Y	R1	R1	R1 R2	N	R1 Prohibited between Heaton Chapel and Stockport Up Slow line. R2 Prohibited between Stockport and Heaton Chapel Down Slow line
NW5001	CMP2	Slade Lane Jn – Ardwick Jn	186	46	188	08	Y	Y	Y	R1	N	R1 Prohibited between Slade Lane Jn and Ardwick Jn Down Fast line
NW5001	CMP2	Ardwick Jn – Manchester Piccadilly East Jn	188	08	188	48	Y	Y	Y	R1	N	R1 Prohibited between Manchester Piccadilly East Jn and Ardwick Jn Down Slow line
NW5001	CMP2	Manchester Piccadilly East Jn – Manchester Piccadilly	188	48	188	70	N	N	N	N	N	
NW5003	STY	Wilmslow South Jn – Heald Green South Jn	0	00	2	50	Y	Y	Y	Y	R1	R1 Prohibited between Styal Jn and Wilmslow South Jn Up line
NW5003	STY	Heald Green South Jn – Heald Green North Jn	2	50	3	13	Y	Y	Y	Y	Y	
NW5003	STY	Heald Green North Jn – Slade Lane Jn	3	13	9	44	Y	Y	Y	Y	Y	
NW5005	SMA	Heald Green South Jn – Heald Green West Jn	1	48	1	10	Y	Y	Y	Y	N	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W7A	W8A	W9A	W10A	W12	
NW5007	MIA	Manchester Airport – Heald Green North Jn	0	00	1	51	Y	Y	Y	Y	N	
NW5008	NBS	Norton Bridge North Jn – Stone Jn	3	57	0	00	Y	Y	Y	Y	Y	
NW5009	CMD2	Colwich Jn – Stone Jn	38	61	20	36	Y	Y	Y	Y	Y	
NW5009	CMD2	Stone Jn – Stoke Jn	20	36	21	04	Y	Y	Y	Y	Y	
NW5009	CMD2	Stoke Jn – Glebe Street Jn	21	04	20	10	Y	Y	Y	Y	Y	
NW5009	CMD2	Glebe Street Jn – Change of ELR	20	10	15	65	Y	Y	Y	Y	Y	
NW5009	CMD1	Change of ELR – Kidsgrove Jn	13	68	16	00	Y	Y	Y	Y	Y	
NW5009	CMD1	Kidsgrove Jn – Macclesfield Hibel Road (Change of ELR)	13	68	0	00	Y	Y	Y	Y	Y	
NW5009	MCH	Macclesfield Hibel Road (Change of ELR) – Cheadle Hulme North Jn	9	37	0	00	Y	Y	Y	Y	Y	
NW5010	SCQ1	Glebe Street Jn – Change of Mileage	20	08	20	33	N	N	N	N	N	
NW5010	SCQ1	Change of Mileage – Change of Mileage (Site of former Milton Jn)	0	00	3	51	N	N	N	N	N	
NW5010	SCQ2	Change of Mileage (Site of former Milton Jn) – Change of Mileage (Site of former Leek Brook Jn)	0	00	6	65	N	N	N	N	N	
NW5010	SCQ3	Change of Mileage (Site of former Leek Brook Jn) – Caldon Quarry	0	00	8	01	N	N	N	N	N	
NW5011	HNS	Heaton Norris Jn – Guide Bridge Station Jn	0	00	4	73	R1	R1	N	N	N	R1 Prohibited Denton Down line
NW5012	NSS	Route Boundary (LN3505) – Stoke Jn	1	40	0	00	Y	Y	Y	Y	N	
NW5013	DJO1	Denton Jn – Change of Mileage (Site of former Crowthorne Jn)	4	10	5	28	Y	Y	Y	Y	Y	
NW5013	DJO2	Change of Mileage (Site of former Crowthorne Jn) – Change of Mileage (Site of former Ashton Moss South Jn)	0	53	1	19	Y	Y	Y	Y	Y	
NW5013	AMJ	Change of Mileage (Site of former Ashton Moss South Jn) – Ashton Moss North Jn	0	00	0	40	Y	Y	Y	Y	Y	
NW5015	HAJ	Hadfield – Dinting East Jn	12	61	12	00	Y	Y	Y	N	N	
NW5015	HAJ	Dinting East Jn – Dinting West Jn	12	00	11	66	Y	Y	Y	N	N	
NW5015	HAJ	Dinting West Jn – Hyde Jn	11	66	6	16	Y	Y	Y	N	N	
NW5015	HAJ	Hyde Jn – Guide Bridge West Jn	6	16	5	10	Y	Y	Y	N	N	
NW5015	HAJ	Guide Bridge West Jn – Guide Bridge Station Jn	5	10	4	73	Y	Y	Y	N	N	
NW5012	NSS	Route Boundary (LN3505) – Stoke Jn	1	40	0	00	Y	Y	Y	Y	N	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W7A	W8A	W9A	W10A	W12	
NW5013	DJO1	Denton Jn – Change of Mileage (Site of former Crowthorne Jn)	4	10	5	28	Y	Y	Y	Y	Y	
NW5013	DJO2	Change of Mileage (Site of former Crowthorne Jn) – Change of Mileage (Site of former Ashton Moss South Jn)	0	53	1	19	Y	Y	Y	Y	Y	
NW5013	AMJ	Change of Mileage (Site of former Ashton Moss South Jn) – Ashton Moss North Jn	0	00	0	40	Y	Y	Y	Y	Y	
NW5015	HAJ	Hadfield – Dinting East Jn	12	61	12	00	Y	Y	Y	N	N	
NW5015	HAJ	Dinting East Jn – Dinting West Jn	12	00	11	66	Y	Y	Y	N	N	
NW5015	HAJ	Dinting West Jn – Hyde Jn	11	66	6	16	Y	Y	Y	N	N	
NW5015	HAJ	Hyde Jn – Guide Bridge West Jn	6	16	5	10	Y	Y	Y	N	N	
NW5015	HAJ	Guide Bridge West Jn – Guide Bridge Station Jn	5	10	4	73	Y	Y	Y	N	N	
NW5015	HAJ	Guide Bridge Station Jn – Ashburys East Jn	4	73	1	56	Y	Y	Y	N	N	
NW5015	HAJ	Ashburys East Jn – Ashburys West Jn	1	56	1	36	Y	Y	Y	N	N	
NW5015	HAJ	Ashburys West Jn – Ardwick Jn	1	36	0	40	Y	Y	Y	N	N	
NW5017	DSD	Dinting South Jn – Dinting East Jn	0	72	1	05	Y	Y	Y	Y	N	
NW5019	GDW	Glossop – Dinting South Jn	0	01	0	72	Y	Y	Y	Y	N	
NW5019	GDW	Dinting South Jn – Dinting West Jn	0	72	1	05	Y	Y	Y	Y	N	
NW5021	SAJ	Stalybridge Jn – Guide Bridge West Jn	2	08	0	04	N	N	N	N	N	
NW6001	COL	Manchester Piccadilly East Jn – Castlefield Jn	188	48	189	67	Y	Y	Y	Y	N	
NW6001	COL	Castlefield Jn – Ordsall Lane Jn	189	67	190	28	Y	Y	Y	Y	Y	
NW6001	OLW	Ordsall Lane Jn – Windsor Bridge South Jn	190	28	191	01	Y	Y	Y	Y	Y	
NW6001	MVE1	Windsor Bridge South Jn – Windsor Bridge North Jn	1	55	1	66	Y	Y	Y	N	N	
NW6001	COL	Windsor Bridge North Jn – Bolton West Jn	1	66	10	55	Y	Y	Y	N	N	
NW6001	COL	Bolton West Jn – Lostock Jn	10	55	13	39	Y	Y	Y	Y	Y	
NW6001	OLW	Lostock Jn – Euxton Jn	13	39	25	31	Y	Y	Y	Y	Y	
NW6003	MAJ	Castlefield Jn – Trafford Park Sidings (Limit of Electrification)	33	57	31	35	Y	Y	Y	Y	R1	Prohibited Untied FC Halt Bi-Directional platform
NW6003	MAJ	Trafford Park Sidings (Limit of Electrification) – Hunts Cross	31	35	7	07	N	N	N	N	N	
NW6003	MAJ	Hunts Cross – Hunts Cross West Jn	7	07	6	11	N	N	N	N	N	
NW6003	AHX	Hunts Cross West Jn – Allerton Jn	0	37	0	00	Y	Y	Y	Y	Y	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W7A	W8A	W9A	W10A	W12	
NW6004	OCD	Water Street Jn – Irwell Street Jn (Change of Mileage and ELR)	190	05	190	34	Y	Y	Y	Y	Y	
NW6004	DSE	Irwell Street Jn (Change of Mileage and ELR) – Deal Street Jn (Ordsall Curve lines)	30	64	31	18	Y	Y	Y	N	Y	
NW6005	MVM	Manchester Victoria East Jn – Manchester Victoria	0	09	0	00	Y	Y	Y	Y	Y	
NW6005	MVE1	Manchester Victoria – Deal Street Jn (Chat Moss lines)	0	00	0	32	Y	Y	Y	Y	Y	
NW6005	MVE1	Deal Street Jn – Windsor Bridge South Jn	0	32	1	55	Y	Y	Y	Y	Y	
NW6007	DSE	Deal Street Jn – Ordsall Lane Jn	31	18	30	38	Y	Y	Y	Y	Y	
NW6009	WBS1	Windsor Bridge North Jn – Crow Nest Jn	1	66	14	64	N	N	N	N	N	
NW6009	WBS2	Crow Nest Jn – Wigan Station Jn	14	64	17	44	N	N	N	N	N	
NW6009	WBS2	Wigan Station Jn – Wigan Wallgate Jn	17	44	18	04	N	N	N	N	N	
NW6009	WBS3	Wigan Wallgate Jn – Southport	18	04	35	27	N	N	N	N	N	
NW6011	BBB	Bolton East Jn – Blackburn Bolton Jn	10	31	24	08	Y	Y	R1	N	N	R1 - Prohibited between Darwen Station and Blackburn Bolton Jn on the Up and Down Darwen Single line
NW6013	LCN	Lostock Jn – Crow Nest Jn	13	39	17	18	Y	Y	N	N	N	
NW6015	WKL1	Wigan Wallgate Jn – Change of Mileage (Pemberton)	18	04	19	48	Y	Y	R1	N	N	R1 - Prohibited between Wigan Wallgate Jn and Pemberton Down line
NW6015	WKL2	Change of Mileage (Pemberton) – Kirkby	19	09	29	40	N	N	N	N	N	
NW7001	MVM	Manchester Victoria East Jn (Man Vic West Jn – East Jn on NW6005) – Miles Platting Jn	0	09	1	30	Y	Y	Y	N	N	
NW7001	MPR1	Miles Platting Jn – Brewery Jn	1	30	1	52	Y	Y	Y	Y	N	
NW7001	MPR1	Brewery Jn – Thorpes Bridge Jn	1	52	2	17	Y	Y	Y	Y	N	
NW7001	MVN2	Thorpes Bridge Jn – Castleton South Jn	2	17	8	21	N	N	N	N	N	
NW7001	MVN2	Castleton South Jn – Castleton East Jn	8	21	8	52	N	N	N	N	N	
NW7001	MVN2	Castleton East Jn – Hall Royd Jn	8	52	19	61	N	N	N	N	N	
NW7001	MVN2	Hall Royd Jn – Route Boundary (LN854)	19	61	22	62	N	N	N	N	N	
NW7005	CEH	Castleton East Jn – Castleton North Jn	0	00	0	37	Y	Y	Y	Y	N	
NW7005	CPI1	Castleton South Jn – Castleton North Jn	8	21	8	50	N	N	N	N	N	
NW7005	CPI2	Castleton North Jn – Network Rail / East Lancashire Railway Boundary (Hopwood)	8	50	9	04	N	N	N	N	N	
NW7006	SFO	Todmorden Viaduct Jn to Stansfield Hall Jn	19	30	19	47	Y	Y	Y	Y	Y	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W7A	W8A	W9A	W10A	W12	
NW7007	FCO	Farington Curve Jn – Ormskirk	25	64	12	15	N	N	N	N	N	
NW7009	FHR1	Farington Curve Jn – Lostock Hall Depot	0	00	0	75	N	N	N	N	N	
NW7009	FHR2	Lostock Hall Depot – Lostock Hall Jn	0	75	1	42	N	N	N	N	N	
NW7009	FHR3	Lostock Hall Jn – Change of ELR (Site of former Bamber Bridge Jn)	1	42	2	10	N	N	N	N	N	
NW7009	FHR4	Change of ELR (Site of former Bamber Bridge Jn) – Blackburn Bolton Jn	2	10	10	11	N	N	N	N	N	
NW7009	FHR4	Blackburn Bolton Jn – Blackburn	10	11	10	42	N	N	N	N	N	
NW7009	FHR5	Blackburn – Daisyfield Jn	10	42	11	09	N	N	N	N	N	
NW7009	FHR5	Daisyfield Jn – Gannow Jn	11	09	21	03	N	N	N	N	N	
NW7009	FHR6	Gannow Jn – Hall Royd Jn	21	03	30	54	N	N	N	N	N	
NW7011	LHL	Farington Jn – Limit of electrification	0	00	0	56	N	N	N	N	N	
NW7011	LHL	Limit of electrification – Lostock Hall Jn (Lostock Hall lines)	0	56	0	77	N	N	N	N	N	
NW7013	DJH	Daisyfield Jn – Hellifield	11	09	34	68	N	N	N	N	N	
NW7015	PRG	End of line (Padiham Power Station Sidings) – Rose Grove West Jn	1	76	0	00	N	N	N	N	N	
NW7017	GJC	Gannow Jn – Colne	21	03	27	37	N	N	N	N	N	
NW7019	MPR2	Thorpes Bridge Jn – Network Rail Boundary (Metrolink (Down Up Boundary at 2m 32ch))	2	22	3	05	N	N	N	N	N	
NW7021	MVL1	Miles Platting Jn – Philips Park West Jn	1	30	1	59	Y	Y	N	Y	N	
NW7021	MVL1	Philips Park West Jn – Baguley Fold Jn	1	59	2	39	Y	Y	N	Y	N	
NW7021	MVL1	Baguley Fold Jn – Ashton Moss North Jn	2	39	5	41	Y	Y	N	Y	N	
NW7021	MVL1	Ashton Moss North Jn – Stalybridge Jn	5	41	7	46	Y	Y	N	R1 R2	N	R1 Prohibited Katherine Steet Tunnel Down line R2 Prohibited Katherine Street Tunnel Up line
NW7021	MVL2	Stalybridge Jn – Stalybridge Tunnel Jn	7	46	8	08	Y	Y	N	Y	N	
NW7021	MVL3	Stalybridge Tunnel Jn – Route Boundary (LN860)	8	08	15	11	N	N	N	N	N	
NW7023	BPP	Philips Park West Jn – Brewery Jn	0	00	0	18	Y	Y	Y	Y	N	
NW7025	PPA1	Philips Park West Jn – Philips Park South Jn	1	59	2	07	Y	Y	Y	Y	Y	
NW7025	PPA1	Philips Park South Jn – Change of Mileage	2	07	3	12	Y	Y	Y	Y	Y	
NW7025	PPA2	Change of Mileage – Ashburys West Jn	0	57	0	00	Y	Y	Y	Y	Y	
NW7027	PPP1	Baguley Fold Jn – Change of Mileage	2	39	2	13	Y	Y	Y	Y	Y	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W7A	W8A	W9A	W10A	W12	
NW7027	PPP2	Change of Mileage – Philips Park South Jn	0	00	0	19	Y	Y	Y	Y	Y	
NW8001	HXS1	Hunts Cross West Jn – Liverpool Central	6	11	0	02	N	N	N	N	N	
NW8001	HXS2	Liverpool Central – Paradise Jn	37	13	36	71	N	N	N	N	N	
NW8001	HXS2	Paradise Jn – Sandhills Jn	36	71	34	75	N	N	N	N	N	
NW8001	HXS3	Sandhills Jn – Bootle Jn	1	41	2	39	N	N	N	N	N	
NW8001	HXS3	Bootle Jn – Southport	2	39	18	35	N	N	N	N	N	
NW8003	SIL	Paradise Jn – James Street (Stock Interchange/Holding line)	0	32	0	53	N	N	N	N	N	
NW8005	SJO1	Sandhills Jn – Walton Jn	34	75	33	16	N	N	N	N	N	
NW8005	SJO2	Walton Jn – Ormskirk	3	20	12	13	N	N	N	N	N	
NW8007	NMM	Bootle Jn – Change of ELR (Site of former North Mersey Jn)	2	34	3	52	N	N	N	N	N	
NW8007	NMB	Change of ELR (Site of former North Mersey Jn) – Change of ELR (Site of former Sefton Jn)	34	40	32	42	N	N	N	N	N	
NW8007	AFL	Change of ELR (Site of former Sefton Jn) – Aintree Station Jn	0	00	0	40	N	N	N	N	N	
NW8009	WJK	Walton Jn – Kirkby	33	16	29	41	N	N	N	N	N	
NW8011	MIR1	Mann Island Jn – Mann Island Jn via Loop	0	00	2	12	N	N	N	N	N	
NW8011	MIR2	Mann Island Jn – Hamilton Square Jn	0	69	1	72	N	N	N	N	N	
NW8011	CWK1	Hamilton Square Jn – Change of ELR (Birkenhead Park)	1	72	3	00	N	N	N	N	N	
NW8011	CWK2	Change of ELR (Birkenhead Park) – Bidston East Jn	3	00	4	40	N	N	N	N	N	
NW8011	CWK3	Bidston East Jn – Bidston Dee Jn	4	40	4	78	N	N	N	N	N	
NW8011	CWK3	Bidston Dee Jn – West Kirby	4	78	10	46	N	N	N	N	N	
NW8013	MIR2	Canning Street Jn – Rock Ferry	1	60	3	42	N	N	N	N	N	
NW8013	CRR2	Rock Ferry South Jn – Hooton South Jn	13	39	7	68	N	N	N	N	N	
NW8015	BEN	Bidston East Jn – New Brighton (New Brighton lines)	4	40	7	18	N	N	N	N	N	
NW8017	CCS1/2	Network Rail Boundary (Canning Street North) – Rock Ferry South Jn	15	40	13	30	N	N	N	N	N	
NW9001	MAS	Route Boundary (LN808) (Dore West Jn) – Chinley North Jn	154	20	174	01	N	N	N	N	N	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W7A	W8A	W9A	W10A	W12	
NW9001	TTA1	Chinley North Jn – New Mills South Jn	168	39	172	27	N	N	N	N	N	
NW9001	NMC1	New Mills South Jn – Hazel Grove High Level Jn	172	27	177	40	N	N	N	N	N	
NW9001	HGC	Hazel Grove High Level Jn – Hazel Grove East Jn	2	62	2	35	Y	Y	Y	Y	N	
NW9001	BEJ	Hazel Grove East Jn (Limit of electrification) – Edgeley Jn No.1	2	35	0	00	N	N	Y	N	N	
NW9003	CYC	Chinley East Jn – Chinley South Jn (Chord line)	168	32	167	56	Y	Y	Y	Y	N	
NW9005	CNB1	Chinley North Jn – Chinley South Jn	168	39	167	56	N	N	N	N	N	
NW9005	CNB1	Chinley South Jn – Change of Mileage (Site of former Peak Forest Jn)	167	56	161	05	N	N	N	N	N	
NW9005	CNB2	Change of Mileage (Site of former Peak Forest Jn) – Change of Mileage (Site of former Buxton Jn)	0	00	0	28	Y	N	N	N	N	
NW9005	CNB3	Change of Mileage (Site of former Buxton Jn) – Buxton SB	161	15	164	52	Y	N	N	N	N	
NW9005	CNB4	Buxton SB – Buxton Sidings	164	52	165	12	Y	N	N	N	N	
NW9007	TTA1	New Mills South Jn – Marple Wharf Jn	172	17	177	23	N	N	N	N	N	
NW9007	TTA1	Marple Wharf Jn – Romiley Jn	177	23	178	33	N	N	N	N	N	
NW9007	TTA1	Romiley Jn – Brinnington (Change of Mileage)	178	33	181	00	N	N	N	N	N	
NW9007	TTA2	Brinnington (Change of Mileage) – Ashburys East Jn	42	77	46	24	N	N	N	N	N	
NW9009	MRH	Marple Wharf Jn – Rose Hill Buffer Stop	11	02	9	78	Y	Y	Y	Y	N	
NW9011	RYH1	Romiley Jn – Woodley Jn	178	33	179	44	N	N	N	N	N	NW9011
NW9011	RYH2	Woodley Jn – Hyde Jn	8	74	6	16	N	N	N	N	N	NW9011
NW9013	WJP1	Woodley Jn – Bredbury Sidings	40	53	39	58	N	N	N	N	N	NW9013
NW9017	NMC1/2	Hazel Grove High Level Jn – Cheadle Jn	177	40	181	71	N	N	N	N	N	NW9017
NW9017	WJP1	Cheadle Jn – Northenden Jn	35	64	33	52	N	N	N	N	N	NW9017
NW9019	BUX	Buxton – Brigg's Sidings	0	00	4	70	N	N	N	N	N	NW9019
NW9021	BEJ	Buxton – Hazel Grove East Jn	19	09	2	35	N	N	N	N	N	NW9021
NW9901	SKW1	Route Boundary (LN922) (Gargrave) – Settle Jn	230	00	234	44	N	N	N	N	N	NW9901

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Gauge					Notes
							W7A	W8A	W9A	W10A	W12	
NW9901	SAC	Settle Jn – Petteril Bridge Jn	234	44	307	12	N	N	N	N	N	
NW9901	NEC2	Petteril Bridge Jn – London Road Jn	59	26	59	45	Y	Y	N	N	N	
NW9901	NEC2	London Road Jn – Carlisle South Jn	59	45	60	02	Y	Y	N	Y	Y	
NW9903	SKW1	Settle Jn – Change of ELR (Site of former Wennington Jn)	234	44	249	44	N	N	N	N	N	
NW9903	SJC	Change of ELR (Site of former Wennington Jn) – Change of ELR (Site of former Carnforth East Jn)	9	45	0	31	N	N	N	N	N	
NW9903	CEC	Change of ELR (Site of former Carnforth East Jn) – Carnforth Station Jn	0	25	0	04	Y	Y	Y	Y	Y	
NW9907	WAR	Appleby North Jn – Appleby West Jn	277	27	277	56	N	N	N	N	N	Line Not in Regular Use
NW9907	EDE	Network Rail Boundary (Warcop) – End of line	11	03	11	46	N	N	N	N	N	Line Not in Regular Use
NW9909	NEC2	Route Boundary (LN682) (Scotby) – Petteril Bridge Jn	58	00	59	26	Y	Y	N	Y	Y	
NW9911	NGD	London Road Jn – Bog Jn (Newcastle Goods lines)	0	00	0	25	Y	Y	Y	Y	Y	

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Table D5D – Passenger Gauge and Lower Sector Vehicle Gauge Clearance Table

Last Updated: 07/09/2024

To be read in conjunction with General Notes.

- Passenger and Lower Sector Vehicle Gauge restrictions apply to vehicles as defined in GE/RT8073.

The notations (used in these tables) are explained as follows for Passenger Gauge / Lower Sector Vehicle Gauge conformant vehicles:

Y Route conforms to Passenger Gauge / Lower Sector Vehicle Gauge without restriction.

R Route conforms (or partly conforms) to Passenger Gauge / Lower Sector Vehicle Gauge but restrictions apply. See “Notes” column for details.

N Route does not conform to Passenger Gauge / Lower Sector Vehicle Gauge

Line of route	ELR	Line of Route / Sector Description	○○○○ M	○○○○ Ch	○○○○ M	○○○○ Ch	Passenger Gauge 1 (PG1)	Passenger Gauge 2 (PG2)	Lowewr Sector Vehicle Gauge (LSVG)	Notes
NW1001	LEC2	Armitage Jn (MD101 Sectional Appendix Boundary) – Rugeley North Jn	119	20	124	39	Y	Y	Y	
NW1001	LEC2	Rugeley North Jn – Colwich Jn	124	39	127	05	Y	Y	Y	
NW1001	LEC2	Colwich Jn – Stafford Trent Valley Jn No.1	127	05	133	06	Y	Y	Y	
NW1001	LEC3	Stafford Trent Valley Jn No.1 – Change of ELR (North of Stafford)	133	06	133	60	R1	Y	Y	R3 Prohibited Stafford Station Royal Mail Terminal
NW1001	LEC4	Change of ELR (North of Stafford) – Little Bridgeford Jn	133	60	137	42	Y	Y	Y	
NW1001	LEC4	Little Bridgeford Jn – Heamies Bridge	137	42	140	00	Y	Y	Y	
NW1001	LEC6	Little Bridgeford Jn – Heamies Bridge (Down Slow line only)	137	42	139	64	Y	Y	Y	
NW1001	LEC4	Heamies Bridge – Basford Hall Jn	140	00	156	16	Y	Y	Y	
NW1001	LEC4	Basford Hall Jn – Change of ELR (Crewe South)	156	16	157	20	Y	Y	Y	
NW1001	LEC5	Change of ELR (Crewe South) – Crewe South Jn	157	20	157	60	Y	Y	Y	
NW1001	LEC5	Crewe South Jn – Crewe North Jn	157	60	158	18	Y	Y	Y	
NW1001	LEC5	Crewe North Jn – Change of ELR (Between Crewe Coal Yard and Winsford South Jn)	158	18	159	00	Y	Y	Y	

Line of route	ELR	Line of Route / Sector Description	oo oo M	oo oo Ch	oo oo M	oo oo Ch	Passenger Gauge 1 (PG1)	Passenger Gauge 2 (PG2)	Lowewr Sector Vehicle Gauge (LSVG)	Notes
NW1001	CGJ1	Change of ELR (Between Crewe Coal Yard and Winsford South Jn) – Hartford Jn	159	00	170	56	Y	Y	Y	
NW1001	CGJ1	Hartford Jn – Change of ELR (Preston Brook Tunnel)	170	56	176	00	Y	Y	Y	
NW1001	CGJ2	Change of ELR (Preston Brook Tunnel) – Acton Grange Jn	176	00	180	24	Y	Y	Y	
NW1001	CGJ2	Acton Grange Jn – Warrington South Jn	180	24	181	76	Y	Y	Y	
NW1001	CGJ3	Warrington South Jn – Winwick Jn	181	76	185	49	R1 R2	Y	Y	R1 Prohibited Dallam Royal Mail Terminal platform 4 R2 Prohibited Dallam Royal Main Terminal platform 1 and 2
NW1001	CGJ4	Winwick Jn – Golborne Jn	185	49	187	76	Y	Y	Y	
NW1001	CGJ5	Golborne Jn – Wigan Station Jn	0	53	6	33	Y	Y	Y	
NW1001	CGJ5	Wigan Station Jn – Farington Curve Jn	6	33	20	08	Y	Y	Y	
NW1001	CGJ5	Farington Curve Jn – Preston Ribble Jn	20	08	21	13	Y	Y	Y	
NW1001	CGJ5	Preston Ribble Jn – Preston (Change of ELR)	21	13	21	57	Y	Y	Y	
NW1001	CGJ6	Preston (Change of ELR) – Preston North Jn	0	00	0	21	R1	R1	R1 R2	R1 Prohibited Derby Siding platform R2 Prohibited Bakehouse Siding platform
NW1001	CGJ6	Preston North Jn – Preston Fylde Jn	0	21	0	33	Y	Y	Y	
NW1002	RBS3	Route Boundary (MD301) (Penkridge Station) – Stafford Trent Valley Jn No.1	23	30	28	50	Y	Y	Y	
NW1003	HCM2	Buffer Stop (Silverdale Colliery End) – Madeley Chord Jn	3	27	7	36	N	N	N	
NW1003	HCM3	Madeley Chord Jn – Madeley Jn	0	25	0	00	N	N	N	
NW1003	HCM2	Madeley Chord Jn – End of Line	7	36	8	14	N	N	N	
NW1004	RRN2	Route Boundary (MD345) (Cannock Change of ELR) – Rugeley North Jn	14	00	14	69	Y	Y	Y	
NW1005	KCS1	Kidsgrove Jn – Crewe South Jn	0	00	8	27	R1	Y	Y	R1 Prohibited between Barthomley Jn and North Stafford Jn Up and Down Potteries line

Line of route	ELR	Line of Route / Sector Description	oo oo M	oo oo Ch	oo oo M	oo oo Ch	Passenger Gauge 1 (PG1)	Passenger Gauge 2 (PG2)	Lowerr Sector Vehicle Gauge (LSVG)	Notes
NW1007	SYC	Route Boundary (GW735) (Crewe Jn) – Limit of Electrification	2	60	1	41	Y	Y	Y	
NW1007	SYC	Limit of Electrification – Crewe South Jn	1	41	0	00	Y	Y	Y	
NW1009	BHI	Basford Hall Jn – Site of former Sydney Bridge Jn (Independent lines)	156	16	158	76	Y	Y	Y	
NW1009	CMP1	Site of former Sydney Bridge Jn – Sandbach South Jn (Independent lines)	158	76	162	28	Y	Y	Y	
NW1011	GSG	Gresty Lane Jn – Salop Goods Jn	0	00	0	37	Y	Y	Y	
NW1013	CSG	Crewe Sorting Sidings North – Gresty Lane	157	26	157	47	Y	Y	Y	
NW1015	CIL	Salop Goods Jn – Crewe North Jn (Chester Independent lines)	157	64	158	18	Y	Y	Y	
NW1017	LLI	Salop Goods Jn – Boundary (NW1001) (Crewe Coal Yard Liverpool Independent lines)	157	71	158	73	R1	Y	Y	R1 Prohibited between Salop Goods Jn and Grand Jn Down line
NW1019	CHW1/2	Acton Grange Jn – Warrington South Jn (Helsby lines)	16	19	17	76	Y	Y	Y	
NW1021	WEE	Winwick Jn – Earlestown East Jn	185	49	187	10	Y	Y	Y	
NW1021	DSE	Earlestown East Jn – Newton-le-Willows Jn (Electrified section)	14	75	16	19	Y	Y	Y	
NW1021	NGJ	Newton-le-Willows Jn – Golborne Jn	0	00	0	53	N	N	Y	
NW1023	HOB2	Haydock Branch Jn – End of Line	0	00	0	53	N	N	Y	
NW1025	IMG	Bamfurlong Sidings Jn – Ince Moss Jn	0	18	0	78	Y		Y	
NW1027	PSR1	Preston South Jn – Preston Docks Branch ELR Change	21	39	21	47	N	N	N	
NW1027	PSR2	Preston Docks Branch ELR Change – Network Rail Boundary (Ribble Steam Railway)	0	00	0	40	N	N	N	
NW2001	WJL1	NW1001 (Weaver Jn) – Ditton East Jn	174	53	182	67	Y	Y	Y	
NW2001	WJL2	Ditton East Jn – Speke East Jn	182	67	186	72	Y	Y	Y	
NW2001	WJL3	Speke Est Jn – Edge Hill East Jn	186	72	191	75	Y	Y	Y	

Line of route	ELR	Line of Route / Sector Description	oo oo M	oo oo Ch	oo oo M	oo oo Ch	Passenger Gauge 1 (PG1)	Passenger Gauge 2 (PG2)	Lowewr Sector Vehicle Gauge (LSVG)	Notes
NW2001	WJL4	Edge Hill East Jn – Liverpool Lime Street	191	75	193	52	Y	Y	Y	
NW2003	RDB	Runcorn – Network Rail Boundary (Runcorn Dock Branch)	0	02	0	69	N	N	Y	
NW2005	SCR	Speke East Jn – Garston Jn	22	59	23	52	Y	Y	Y	
NW2007	AEG	Allerton East Jn – Garston Jn	0	00	0	28	Y	Y	Y	
NW2009	SDJ2	End of Line (Latchford) – Ditton East Jn	10	06	18	55	N	N	Y	
NW2011	WOA1	Walton Old Jn – Arpley Jn	0	68	0	00	N	N	Y	
NW2015	DSE	Ordsall Lane Jn – Newton-le-Willows Jn	30	38	16	19	Y	Y	Y	
NW2015	DSE	Newton-le-Willows Jn – Earlestown East Jn (Electrified section)	16	19	14	75	Y	Y	Y	
NW2015	DSE	Earlestown East Jn – Edge Hill	14	75	1	57	Y	Y	Y	
NW2017	SCN	Eccles Station Jn – Network Rail (Weaste Branch) / MSC Boundary	0	00	0	54	N	N	Y	
NW2019	PJL	Parkside Jn – Lowton Jn (East Curve lines)	0	05	0	36	Y	Y	Y	
NW2021	EEE	Earlestown South. Jn – Earlestown West Jn (Liverpool Curve)	186	74	187	15	Y	Y	Y	
NW2023	SBH3	Springs Branch Jn – Gerards Bridge Jn	12	54	5	66	Y	Y	Y	
NW2023	SBH2	Gerards Bridge Jn – St Helens Station Jn	5	66	5	12	Y	Y	Y	
NW2023	SBH1	St Helens Station Jn – Huyton Jn	5	12	0	-18	Y	Y	Y	
NW2025	SHS1	St. Helens Station Jn – Network Rail Boundary	7	15	6	04	Y	Y	Y	
NW2027	SCT1/2	Edge Hill, Bootle Branch Jn –Network Rail Boundary (MDHC)	0	15	5	53	N	N	Y	
NW2029	OME3	Olive Mount Jn – Edge Lane Jn	0	10	0	52	N	N	Y	
NW3001	CNH1	Crewe North Jn – Limit of Electrification (Crewe Steelworks)	158	18	159	55	Y	Y	Y	
NW3001	CNH1	Limit of Electrification (Crewe Steelworks) – Chester East Jn	159	55	178	66	Y	Y	Y	

Line of route	ELR	Line of Route / Sector Description	oo oo M	oo oo Ch	oo oo M	oo oo Ch	Passenger Gauge 1 (PG1)	Passenger Gauge 2 (PG2)	Lowewr Sector Vehicle Gauge (LSVG)	Notes
NW3001	CNH2	Chester East Jn – Change of ELR (Windmill Lane Tunnel)	178	66	179	56	Y	R1	R2	R1 Prohibited Chester Parcels platform R2 Prohibited Chester platform 2
NW3001	CNH3	Change of ELR (Windmill Lane Tunnel) – Route Boundary LNW / Wales	179	56	188	40	Y	Y	Y	
NW3001	CNH3	Route Boundary LNW / Wales – Holyhead	188	40	263	56	Y	Y	Y	
NW3003	CHW1	Chester East Jn – Acton Grange Jn	0	24	16	19	Y	Y	Y	
NW3005	WSJ2	Route Boundary (GW731) (Crewe Jn) – Route Boundary Wales / LNW including 'Up & Down' loop Wrexham General ELR WDB1	199	00	202	60	Y	Y	N	
NW3005	WSJ2	Route Boundary Wales / LNW – Saltney Jn	202	60	212	06	Y	Y	Y	
NW3007	WDB1	Wrexham Central – Wrexham Exchange Jn	0	16	0	68	N	N	N	
NW3007	WDB1	Wrexham Exchange Jn – Change of RA at 13m 20ch (South end of Hawarden Bridge)	0	68	13	20	N	N	N	
NW3007	WDB1	Change of RA at 13m 20ch (South end of Hawarden Bridge) – Change of ELR	13	20	13	33	N	N	N	
NW3007	WDB2/3	Change of ELR – Route Boundary Wales / LNW	14	15	11	00	N	N	N	
NW3007	WDB3	Route Boundary Wales / LNW – Bidston Dee Jn	11	00	0	08	N	N	Y	
NW3009	CVS	Chester North Jn – Chester South Jn	0	36	0	13	Y	Y	Y	
NW3011	CRR1	Chester West Jn – Hooton South Jn	0	16	7	68	Y	Y	Y	
NW3013	HHJ	Hooton South. Jn – Ellesmere Port (Limit of DC electrification)	0	02	3	44	R1	R1	Y	R1 Prohibited between Little Sutton and Hooton South Jn Up line
NW3013	HHJ	Ellesmere Port (Limit of DC electrification) – Helsby Jn	3	44	8	67	Y	Y	Y	
NW3015	LJT1	Llandudno Jn – Blaenau Ffestiniog, End of line	0	30	27	53	N	N	N	
NW3017	LLJ	Llandudno Jn – Llandudno	0	03	3	14	N	N	N	

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	Passenger Gauge 1 (PG1)	Passenger Gauge 2 (PG2)	Lowewr Sector Vehicle Gauge (LSVG)	Notes
NW3019	GLA	Gaerwen – Network Rail Boundary	0	00	17	37	N	N	N	
NW3021	FJH	Frodsham Jn – Halton Jn	1	54	0	00	Y	Y	Y	
NW3023	EJN	Edgeley Jn – Northenden Jn	0	00	3	68	Y	Y	Y	
NW3023	WJP1	Northenden Jn – Skelton Jn	33	52	30	12	N	N	Y	
NW3023	SJD	Skelton Jn – Deansgate Jn	0	00	0	33	Y	Y	Y	
NW3023	CDM1	Deansgate Jn – Change of ELR (Altrincham)	7	05	8	00	N	N	Y	
NW3023	CDM2	Change of ELR (Altrincham) – Mickle Trafford Jn	7	69	35	40	N	N	Y	
NW3025	WJP1	Skelton Jn – Partington Jn Network Rail Boundary	30	12	27	20	N	N	N	
NW3027	CDM1	Network Rail Boundary (Metrolink) – Deansgate Jn	6	77	7	05	N	N	Y	
NW3027	CDM1	Deansgate Jn – Altrincham	7	05	8	00	N	N	Y	
NW3029	SNJ	Sandbach North Jn – Northwich West Jn	0	00	8	64	Y	Y	Y	
NW3031	NSN	Northwich South Jn – Northwich Station Jn	8	37	8	66	Y	Y	Y	
NW3033	HEG	Hartford East Jn – Hartford North Jn (East Goods line)	21	67	22	10	N	N	Y	
NW3035	HWG	Hartford West Jn – Hartford North Jn (West Goods line)	0	11	0	29	N	N	Y	
NW3037	HCN	Hartford C.L.C. Jn – Hartford Jn	0	72	0	16	Y	Y	Y	
NW4001	CGJ5	Preston Ribble Jn – Preston (Change of ELR)	21	13	21	57	Y	Y	Y	
NW4001	CGJ6	Preston (Change of ELR) – Preston North Jn	0	00	0	21	Y	Y	Y	
NW4001	CGJ6	Preston North Jn – Preston Fylde Jn	0	21	0	33	Y	Y	Y	
NW4001	CGJ6	Preston Fylde Jn – Lancaster	0	33	20	78	Y	Y	Y	
NW4001	CGJ7	Lancaster – Carnforth North Jn	0	00	6	08	Y	Y	R1	R1 Prohibited Lancaster Down Bay platform 2
NW4001	CGJ7	Carnforth North Jn – Oxenholme	6	08	19	11	Y	Y	Y	
NW4001	CGJ7	Oxenholme – Upperby Jn	19	11	68	23	Y	Y	Y	
NW4001	CGJ7	Upperby Jn – Carlisle	68	23	69	09	R1	R1	R1	R1 Prohibited Carlisle Up Bay platform 2
NW4001	WCM1	Carlisle – Mossband Jn (Including Kingmoor Yard Goods lines)	0	00	7	57	R1	R1	R1	R2 Prohibited Carlisle platform 7

Line of route	ELR	Line of Route / Sector Description	oo oo M	oo oo Ch	oo oo M	oo oo Ch	Passenger Gauge 1 (PG1)	Passenger Gauge 2 (PG2)	Lowewr Sector Vehicle Gauge (LSVG)	Notes
NW3001	CNH2	Chester East Jn – Change of ELR (Windmill Lane Tunnel)	178	66	179	56	Y	R1	R2	R1 Prohibited Chester Parcels platform R2 Prohibited Chester platform 2
NW3001	CNH3	Change of ELR (Windmill Lane Tunnel) – Route Boundary LNW / Wales	179	56	188	40	Y	Y	Y	
NW3001	CNH3	Route Boundary LNW / Wales – Holyhead	188	40	263	56	Y	Y	Y	
NW3003	CHW1	Chester East Jn – Acton Grange Jn	0	24	16	19	Y	Y	Y	
NW3005	WSJ2	Route Boundary (GW731) (Crewe Jn) – Route Boundary Wales / LNW including 'Up & Down' loop Wrexham General ELR WDB1	199	00	202	60	Y	Y	N	
NW3005	WSJ2	Route Boundary Wales / LNW – Saltney Jn	202	60	212	06	Y	Y	Y	
NW3007	WDB1	Wrexham Central – Wrexham Exchange Jn	0	16	0	68	N	N	N	
NW3007	WDB1	Wrexham Exchange Jn – Change of RA at 13m 20ch (South end of Hawarden Bridge)	0	68	13	20	N	N	N	
NW3007	WDB1	Change of RA at 13m 20ch (South end of Hawarden Bridge) – Change of ELR	13	20	13	33	N	N	N	
NW3007	WDB2/3	Change of ELR – Route Boundary Wales / LNW	14	15	11	00	N	N	N	
NW3007	WDB3	Route Boundary Wales / LNW – Bidston Dee Jn	11	00	0	08	N	N	Y	
NW3009	CVS	Chester North Jn – Chester South Jn	0	36	0	13	Y	Y	Y	
NW3011	CRR1	Chester West Jn – Hooton South Jn	0	16	7	68	Y	Y	Y	
NW3013	HHJ	Hooton South. Jn – Ellesmere Port (Limit of DC electrification)	0	02	3	44	R1	R1	Y	R1 Prohibited between Little Sutton and Hooton South Jn Up line
NW3013	HHJ	Ellesmere Port (Limit of DC electrification) – Helsby Jn	3	44	8	67	Y	Y	Y	
NW3015	LJT1	Llandudno Jn – Blaenau Ffestiniog, End of line	0	30	27	53	N	N	N	
NW3017	LLJ	Llandudno Jn – Llandudno	0	03	3	14	N	N	N	
NW3019	GLA	Gaerwen – Network Rail Boundary	0	00	17	37	N	N	N	

Line of route	ELR	Line of Route / Sector Description	ooo o M	ooo o Ch	ooo o M	ooo o Ch	Passenger Gauge 1 (PG1) 000	Passenger Gauge 2 (PG2) 000000000000	Lowewr Sector Vehicle Gauge (LSVG)	Notes oo ooooo
NW3021	FJH	Frodsham Jn – Halton Jn	1	54	0	00	Y	Y	Y	
NW3023	EJN	Edgeley Jn – Northenden Jn	0	00	3	68	Y	Y	Y	
NW3023	WJP1	Northenden Jn – Skelton Jn	33	52	30	12	N	N	Y	
NW3023	SJD	Skelton Jn – Deansgate Jn	0	00	0	33	Y	Y	Y	
NW3023	CDM1	Deansgate Jn – Change of ELR (Altrincham)	7	05	8	00	N	N	Y	
NW3023	CDM2	Change of ELR (Altrincham) – Mickle Trafford Jn	7	69	35	40	N	N	Y	
NW3025	WJP1	Skelton Jn – Partington Jn Network Rail Boundary	30	12	27	20	N	N	N	
NW3027	CDM1	Network Rail Boundary (Metrolink) – Deansgate Jn	6	77	7	05	N	N	Y	
NW3027	CDM1	Deansgate Jn – Altrincham	7	05	8	00	N	N	Y	
NW3029	SNJ	Sandbach North Jn – Northwich West Jn	0	00	8	64	Y	Y	Y	
NW3031	NSN	Northwich South Jn – Northwich Station Jn	8	37	8	66	Y	Y	Y	
NW3033	HEG	Hartford East Jn – Hartford North Jn (East Goods line)	21	67	22	10	N	N	Y	
NW3035	HWG	Hartford West Jn – Hartford North Jn (West Goods line)	0	11	0	29	N	N	Y	
NW3037	HCN	Hartford C.L.C. Jn – Hartford Jn	0	72	0	16	Y	Y	Y	
NW4001	CGJ5	Preston Ribble Jn – Preston (Change of ELR)	21	13	21	57	Y	Y	Y	
NW4001	CGJ6	Preston (Change of ELR) – Preston North Jn	0	00	0	21	Y	Y	Y	
NW4001	CGJ6	Preston North Jn – Preston Fylde Jn	0	21	0	33	Y	Y	Y	
NW4001	CGJ6	Preston Fylde Jn – Lancaster	0	33	20	78	Y	Y	Y	
NW4001	CGJ7	Lancaster – Carnforth North Jn	0	00	6	08	Y	Y	R1	R1 Prohibited Lancaster Down Bay platform 2
NW4001	CGJ7	Carnforth North Jn – Oxenholme	6	08	19	11	Y	Y	Y	
NW4001	CGJ7	Oxenholme – Upperby Jn	19	11	68	23	Y	Y	Y	
NW4001	CGJ7	Upperby Jn – Carlisle	68	23	69	09	R1	R1	R1	R1 Prohibited Carlisle Up Bay platform 2
NW4001	WCM1	Carlisle – Mossband Jn (Including Kingmoor Yard Goods lines)	0	00	7	57	R1	R1	R1	R1 Prohibited Carlisle platform 7

Line of route	ELR	Line of Route / Sector Description	ooo o M	ooo o Ch	ooo o M	ooo o Ch	Passenger Gauge 1 (PG1) 000	Passenger Gauge 2 (PG2) 00000000000	Lowewr Sector Vehicle Gauge (LSVG)	Notes oo ooooo
NW4001	WCM1	Mossband Jn – Gretna Jn	7	57	8	57	Y	Y	Y	
NW4001	WCM1	Gretna Jn – Route Boundary (SC001) (Gretna Green)	8	57	12	30	Y	Y	Y	
NW4001	UCJ	Upperby Bridge Jn – Upperby Bridge	67	58	68	23	Y	Y	Y	
NW4003	PDB	Preston Fylde Jn – End of line	0	00	1	59	N	N	N	
NW4005	PBN	Preston Fylde Jn – Kirkham North Jn	0	33	8	28	Y	Y	Y	
NW4005	PBN	Kirkham North Jn – Poulton Jn	8	28	14	40	Y	Y	Y	
NW4005	PBN	Poulton Jn – Blackpool North	14	40	17	49	Y	Y	Y	
NW4007	KBS1	Kirkham North Jn – Blackpool South	8	28	20	00	Y	Y	N	
NW4009	WPS	Poulton – End of line	14	40	18	08	N	N	N	
NW4011	MSM	Morecambe South Jn – Morecambe Buffer Stops	0	00	2	12	Y	Y	Y	
NW4013	HBL	Hest Bank Jn – Bare Lane Jn	0	00	1	30	Y	Y	Y	
NW4017	MHH	Morecambe Jn – Heysham Port	0	00	4	01	Y	Y	Y	
NW4019	OXW	Oxenholme – Windermere	0	00	10	15	Y	Y	Y	
NW4021	UCJ	Upperby Jn – Bog Jn	0	38	1	07	Y	Y	Y	
NW4021	UCJ	Bog Jn – Rome St. Jn	1	07	1	23	Y	Y	Y	
NW4023	ULR	Upperby Jn – London Rd. Jn	0	00	0	34	Y	Y	Y	
NW4025	MCG/S CG	Currock Jn – Bog Jn	0	00	0	44	Y	Y	Y	
NW4027	BSN	Bruntill Branch Jn – Stainton Jn via Down and Up Brunthill Branch Siding	0	66	0	02	N	N	Y	
NW4027	ETC	End of line Buffer Stops – Network Rail Boundary / Brunthill via Down and Up Brunthill line	96	09	95	06	N	N	Y	
NW4029	GJH	Mossband Jn – Bush-on-Esk West Jn	3	02	1	06	N	N	N	
NW4029	GJH	Bush-on-Esk West Jn – Network Rail Boundary	1	06	0	24	N	N	N	
NW4031	GSW	Gretna Jn – Route Boundary (SC031) (Eastriggs)	116	13	115	40	Y	Y	Y	
NW4033	CBC1	Carnforth North Jn – Carnforth Station Jn	0	19	0	38	N	N	N	

Line of route	ELR	Line of Route / Sector Description	oo oo M	oo oo Ch	oo oo M	oo oo Ch	Passenger Gauge 1 (PG1)	Passenger Gauge 2 (PG2)	Lowewr Sector Vehicle Gauge (LSVG)	Notes
NW4033	CBC1	Carnforth Station Jn – Limit of Electrification (Carnforth)	0	38	0	60	N	N	N	
NW4033	CBC1	Limit of Electrification (Carnforth) – Whitehaven	0	60	74	66	N	N	N	
NW4033	CBC1	Whitehaven – Bransty SB (Change of ELR)	74	66	74	73	N	N	N	
NW4033	CBC2	Bransty SB (Change of ELR) – Change of ELR (Maryport)	0	16	12	05	N	N	N	
NW4033	CBC3	Change of ELR (Maryport) – Carlisle South Jn	0	00	27	49	N	N	N	
NW4041	DAP	Dalton Jn – Park South Jn	0	00	0	76	Y	Y	Y	
NW5001	CMP1	Crewe North Jn – Sandbach North Jn	158	17	162	62	Y	Y	Y	
NW5001	CMP1	Sandbach North Jn – Wilmslow South Jn	162	62	176	53	Y	Y	Y	
NW5001	CMP1	Wilmslow South Jn – Cheadle Hulme North Jn	176	53	180	67	Y	Y	Y	
NW5001	CMP1	Cheadle Hulme North Jn – Edgeley Jn No.1	180	67	182	36	Y	Y	Y	
NW5001	CMP2	Edgeley Jn No.1 – Edgeley Jn	182	36	182	59	Y	Y	Y	
NW5001	CMP2	Edgeley Jn – Slade Lane Jn	182	59	186	46	R1	Y	R1	R1 Prohibited between Slade Lane Jn and Heaton Norris Jn Up Slow line
NW5001	CMP2	Slade Lane Jn – Ardwick Jn	186	46	188	08	Y	Y	R1	R1 Prohibited between Longsight North Jn and Longsight South Jn Up Slow line
NW5001	CMP2	Ardwick Jn – Manchester Piccadilly East Jn	188	08	188	48	Y	Y	Y	
NW5001	CMP2	Manchester Piccadilly East Jn – Manchester Piccadilly	188	48	188	70	Y	Y	Y	
NW5003	STY	Wilmslow South Jn – Heald Green South Jn	0	00	2	50	Y	Y	Y	
NW5003	STY	Heald Green South Jn – Heald Green North Jn	2	50	3	13	Y	Y	Y	
NW5003	STY	Heald Green North Jn – Slade Lane Jn	3	13	9	44	Y	Y	Y	

Line of route	ELR	Line of Route / Sector Description	00 00 M	00 00 Ch	00 00 M	00 00 Ch	Passenger Gauge 1 (PG1)	Passenger Gauge 2 (PG2)	Lowewr Sector Vehicle Gauge (LSVG)	Notes
NW5005	SMA	Heald Green South Jn – Heald Green West Jn	1	48	1	10	Y	Y	Y	
NW5007	MIA	Manchester Airport – Heald Green North Jn	0	00	1	51	Y	Y	Y	
NW5008	LEC6	Little Bridgeford Jn – Searchlight Lane Jn (Change of ELR and mileage) (Up line only)	137	42	138	55	Y	Y	Y	
NW5008	NBS	Searchlight Lane Jn (Change of ELR and mileage) – Stone Jn	4	06	0	00	Y	Y	Y	
NW5008	NBS	Norton Bridge Jn – Yamfield Jn (Norton Bridge East Chord)	4	14	2	50	Y	Y	Y	
NW5009	CMD2	Colwich Jn – Stone Jn	38	61	27	00	Y	Y	Y	
NW5009	CMD2	Stone Jn – Stoke Jn	27	00	20	36	Y	Y	Y	
NW5009	CMD2	Stoke Jn – Glebe Street Jn	20	36	20	10	Y	Y	Y	
NW5009	CMD2	Glebe Street Jn – Change of ELR	20	10	15	65	Y	Y	Y	
NW5009	CMD1	Change of ELR – Kidsgrove Jn	16	00	13	68	Y	Y	Y	
NW5009	CMD1	Kidsgrove Jn – Macclesfield Hibel Road (Change of ELR)	13	68	0	00	Y	Y	R1	R1 Prohibited Macclesfield Down platform
NW5009	MCH	Macclesfield Hibel Road (Change of ELR) – Cheadle Hulme North Jn	9	37	0	00	Y	Y	Y	
NW5010	SCQ1	Glebe Street Jn – Change of Mileage	20	08	20	33	N	N	N	
NW5010	SCQ1	Change of Mileage – Change of Mileage (Site of former Milton Jn)	0	00	3	51	N	N	N	
NW5010	SCQ2	Change of Mileage (Site of former Milton Jn) – Change of Mileage (Site of former Leek Brook Jn)	0	00	6	65	N	N	N	
NW5010	SCQ3	Change of Mileage (Site of former Leek Brook Jn) – Caldon Quarry	0	00	8	01	N	N	N	
NW5011	HNS	Heaton Norris Jn – Guide Bridge Station Jn	0	00	4	73	Y	Y	Y	
NW5012	NSS	Route Boundary (LN3505) (North Stafford Jn) – Stoke Jn	1	40	0	00	Y	Y	Y	

Line of route	ELR	Line of Route / Sector Description	00 00 M	00 00 Ch	00 00 M	00 00 Ch	Passenger Gauge 1 (PG1)	Passenger Gauge 2 (PG2)	Lowerr Sector Vehicle Gauge (LSVG)	Notes
										R1
NW5013	DJO1	Denton Jn – Change of Mileage (Site of former Crowthorne Jn)	4	10	5	28	R1	Y	Y	R2 Prohibited between Start of ELR and Denton JnUp line
NW5013	DJO2	Change of Mileage (Site of former Crowthorne Jn) – Change of Mileage (Site of former Ashton Moss South Jn)	0	53	1	19	Y	Y	Y	
NW5013	AMJ	Change of Mileage (Site of former Ashton Moss South Jn) – Ashton Moss North Jn	0	00	0	40	Y	Y	Y	
NW5015	HAJ	Hadfield – Dinting East Jn	12	61	12	00	Y	Y	Y	
NW5015	HAJ	Dinting East Jn – Dinting West Jn	12	00	11	66	Y	Y	Y	
NW5015	HAJ	Dinting West Jn – Hyde Jn	11	66	6	16	Y	Y	Y	
NW5015	HAJ	Hyde Jn – Guide Bridge West Jn	6	16	5	10	Y	Y	Y	
NW5015	HAJ	Guide Bridge West Jn – Guide Bridge Station Jn	5	10	4	73	Y	Y	Y	
NW5015	HAJ	Guide Bridge Station Jn – Ashburys East Jn	4	73	1	56	Y	Y	Y	
NW5015	HAJ	Ashburys East Jn – Ashburys West Jn	1	56	1	36	Y	Y	Y	
NW5015	HAJ	Ashburys West Jn – Ardwick Jn	1	36	0	40	Y	Y	Y	
NW5017	DSD	Dinting South Jn – Dinting East Jn	0	72	1	05	Y	Y	Y	
NW5019	GDW	Glossop – Dinting South Jn	0	01	0	72	Y	Y	Y	
NW5019	GDW	Dinting South Jn – Dinting West Jn	0	72	1	05	Y	R1	R1	R1 Prohibited Dinting Single platform
NW5021	SAJ	Stalybridge Jn – Guide Bridge West Jn	2	08	0	04	Y	Y	Y	
NW6001	COL	Manchester Piccadilly East Jn – Castlefield Jn	188	48	189	67	Y	Y	Y	
NW6001	COL	Castlefield Jn – Ordsall Lane Jn	189	67	190	28	Y	Y	Y	
NW6001	OLW	Ordsall Lane Jn – Windsor Bridge South Jn	190	28	191	01	Y	Y	Y	
NW6001	MVE1	Windsor Bridge South Jn – Windsor Bridge North Jn	1	55	1	66	Y	Y	Y	
NW6001	MVE1	Windsor Bridge North Jn – Bolton West Jn	1	66	10	55	Y	Y	Y	
NW6001	MVE2	Bolton West Jn – Lostock Jn	10	55	13	39	Y	Y	Y	
NW6001	MVE2	Lostock Jn – Euxton Jn	13	39	25	31	Y	Y	Y	

Line of route	ELR	Line of Route / Sector Description	00 00 M	00 00 Ch	00 00 M	00 00 Ch	Passenger Gauge 1 (PG1)	Passenger Gauge 2 (PG2)	Lowewr Sector Vehicle Gauge (LSVG)	Notes
NW6003	MAJ	Castlefield Jn – Trafford Park Sidings (Limit of Electrification)	33	57	31	35	N	N	N	
NW6003	MAJ	Trafford Park Sidings (Limit of Electrification) – Hunts Cross	31	35	7	07	N	N	N	
NW6003	MAJ	Hunts Cross – Hunts Cross West Jn	7	07	6	11	N	N	N	
NW6003	AHX	Hunts Cross West Jn – Allerton Jn	0	37	0	00	Y	Y	Y	
NW6004	OCD	Water Street Jn – Irwell Street Jn (Change of Mileage and ELR)	190	05	190	34	Y	Y	Y	
NW6004	DSE	Irwell Street Jn (Change of Mileage and ELR) – Deal Street Jn (Ordsall Curve lines)	30	64	31	18	Y	Y	Y	
NW6005	MVM	Manchester Victoria East Jn – Manchester Victoria	0	09	0	00	Y	Y	Y	
NW6005	MVE1	Manchester Victoria – Deal Street Jn (Chat Moss lines)	0	00	0	32	Y	Y	Y	
NW6005	MVE1	Deal Street Jn – Windsor Bridge South Jn	0	32	1	55	Y	Y	Y	
NW6007	DSE	Deal Street Jn – Ordsall Lane Jn	31	18	30	38	Y	Y	Y	
NW6009	WBS1	Windsor Bridge North Jn – Crow Nest Jn	1	66	14	64	Y	Y	Y	
NW6009	WBS2	Crow Nest Jn – Wigan Station Jn	14	64	17	44	Y	Y	Y	
NW6009	WBS2	Wigan Station Jn – Wigan Wallgate Jn	17	44	18	04	R1	Y	Y	R1 Prohibited Wigan Wallgate Up line
NW6009	WBS3	Wigan Wallgate Jn – Southport	18	04	35	27	Y	Y	R1 R2	R1 Prohibited Southport platform 4 R2 Prohibited Southport platform 6
NW6011	BBB	Bolton East Jn – Blackburn Bolton Jn	10	31	24	08	Y	Y	R1	R1 Prohibited Hall lth Wood Down platform
NW6013	LCN	Lostock Jn – Crow Nest Jn	13	39	17	18	Y	Y	Y	
NW6015	WKL1	Wigan Wallgate Jn – Change of Mileage (Pemberton)	18	04	19	48	Y	Y	Y	
NW6015	WKL2	Change of Mileage (Pemberton) – Kirkby	19	09	29	40	Y	Y	Y	
NW7001	MVM	Manchester Victoria East Jn (Man Vic West Jn – East Jn on NW6005) – Miles Platting Jn	0	09	1	30	Y	Y	Y	
NW7001	MPR1	Miles Platting Jn – Brewery Jn	1	30	1	52	Y	Y	Y	

Line of route	ELR	Line of Route / Sector Description	oo oo M	oo oo Ch	oo oo M	oo oo Ch	Passenger Gauge 1 (PG1)	Passenger Gauge 2 (PG2)	Lowewr Sector Vehicle Gauge (LSVG)	Notes
NW7001	MPR1	Brewery Jn – Thorpes Bridge Jn	1	52	2	17	Y	Y	Y	
NW7001	MVN2	Thorpes Bridge Jn – Castleton South Jn	2	17	8	21	Y	Y	N	
NW7001	MVN2	Castleton South Jn – Castleton East Jn	8	21	8	52	Y	Y	N	
NW7001	MVN2	Castleton East Jn – Hall Royd Jn	8	52	19	61	R1 R2	R2	N	R1 Prohibited Summit Tunnel Down line R2 Prohibited Deanroyd Tunnel Down line
NW7001	MVN2	Hall Royd Jn – Route Boundary (LN854) (Turners Lane Jn)	19	61	22	62	Y	Y	N	
NW7005	CEH	Castleton East Jn. – Castleton North Jn	0	00	0	37	N	N	Y	
NW7005	CPI1	Castleton South Jn – Castleton North Jn	8	21	8	50	N	N	Y	
NW7005	CPI2	Castleton North Jn – Network Rail / East Lancashire Railway Boundary (Hopwood)	8	50	9	04	N	N	Y	
NW7007	FCO	Farington Curve Jn – Ormskirk	25	64	12	15	Y	Y	Y	
NW7009	FHR1	Farington Curve Jn – Lostock Hall Depot	0	00	0	75	Y	Y	Y	
NW7009	FHR2	Lostock Hall Depot – Lostock Hall Jn	0	75	1	42	Y	Y	Y	
NW7009	FHR3	Lostock Hall Jn – Change of ELR (Site of former Bamber Bridge Jn)	1	42	2	10	Y	Y	Y	
NW7009	FHR4	Change of ELR (Site of former Bamber Bridge Jn) – Blackburn Bolton Jn	2	10	10	11	Y	Y	N	
NW7009	FHR4	Blackburn Bolton Jn – Blackburn	10	11	10	42	R1	R1	N	R1 Prohibited Blackburn platform 3
NW7009	FHR5	Blackburn – Daisyfield Jn	10	42	11	09	Y	Y	N	
NW7009	FHR5	Daisyfield Jn – Gannow Jn	11	09	21	03	R1	R1	N	R1 Prohibited between Arrington and Rishton Up line
NW7009	FHR6	Gannow Jn – Hall Royd Jn	21	03	30	54	R1 R2	R1	Y	R1 Prohibited between Hall Royd Jn and Gannow Jn Down line R2 Prohibited Kitson Wood Tunnel Up line
NW7011	LHL	Farington Jn – Limit of electrification	0	00	0	56	Y	Y	Y	
NW7011	LHL	Limit of electrification – Lostock Hall Jn (Lostock Hall lines)	0	56	0	77	Y	Y	Y	

Line of route	ELR	Line of Route / Sector Description	00 00 M	00 00 Ch	00 00 M	00 00 Ch	Passenger Gauge 1 (PG1)	Passenger Gauge 2 (PG2)	Lowewr Sector Vehicle Gauge (LSVG)	Notes
NW7013	DJH	Daisyfield Jn – Hellifield	11	09	34	68	Y	Y	N	
NW7017	GJC	Gannow Jn – Colne	21	03	27	37	Y	Y	Y	
NW7019	MPR2	Thorpes Bridge Jn – Network Rail Boundary (Metrolink (Down Up Boundary at 2m 32ch))	2	22	3	05	N	N	N	
NW7021	MVL1	Miles Platting Jn – Philips Park West Jn	1	30	1	59	Y	Y	N	
NW7021	MVL1	Philips Park West Jn – Baguley Fold Jn	1	59	2	39	Y	Y	N	
NW7021	MVL1	Baguley Fold Jn – Ashton Moss North Jn	2	39	5	41	Y	Y	N	
NW7021	MVL1	Ashton Moss North Jn – Stalybridge Jn	5	41	7	46	Y	Y	N	
NW7021	MVL2	Stalybridge Jn – Stalybridge Tunnel Jn	7	46	8	08	Y	Y	Y	
NW7021	MVL3	Stalybridge Tunnel Jn – Route Boundary (LN860) (Springwood Jn)	8	08	15	11	N	R1	N	R1 Prohibited Greenfield Down platform
NW7023	BPP	Philips Park West Jn – Brewery Jn	0	00	0	18	Y	Y	Y	
NW7025	PPA1	Philips Park West Jn – Philips Park South Jn	1	59	2	07	Y	Y	Y	
NW7025	PPA1	Philips Park South Jn – Change of Mileage	2	07	3	12	Y	Y	Y	
NW7025	PPA2	Change of Mileage – Ashburys West Jn	0	57	0	00	Y	Y	Y	
NW7027	PPP1	Baguley Fold Jn – Change of Mileage	2	39	2	13	Y	Y	Y	
NW7027	PPP2	Change of Mileage – Philips Park South Jn	0	00	0	19	Y	Y	Y	
NW8001	HXS1	Hunts Cross West Jn – Liverpool Central	6	11	0	02	N	N	N	
NW8001	HXS2	Liverpool Central. – Paradise Jn	37	13	36	71	N	N	N	
NW8001	HXS2	Paradise Jn – Sandhills Jn	36	71	34	75	N	N	N	
NW8001	HXS3	Sandhills Jn – Bootle Jn	1	41	2	39	N	N	N	
NW8001	HXS3	Bootle Jn – Southport	2	39	18	35	N	N	N	
NW8003	SIL	Paradise Jn – James Street (Stock Interchange/Holding line)	0	32	0	53	N	N	Y	

Line of route	ELR	Line of Route / Sector Description	oo oo M	oo oo Ch	oo oo M	oo oo Ch	Passenger Gauge 1 (PG1)	Passenger Gauge 2 (PG2)	Lowewr Sector Vehicle Gauge (LSVG)	Notes
NW8005	SJO1	Sandhills Jn – Walton Jn	34	75	33	16	N	N	Y	
NW8005	SJO2	Walton Jn – Ormskirk	3	20	12	13	N	N	Y	
NW8007	HXS/N MM	Bootle Jn – Change of ELR (Site of former North Mersey Jn)	2	34	3	52	N	N	N	
NW8007	NMB	Change of ELR (Site of former North Mersey Jn) – Change of ELR (Site of former Sefton Jn)	34	40	32	42	N	N	N	
NW8007	AFL	Change of ELR (Site of former Sefton Jn) – Aintree Station Jn	0	00	0	40	N	N	N	
NW8009	WJK	Walton Jn – Kirkby	33	16	29	41	N	N	Y	
NW8011	MIR1	Mann Island Jn – Mann Island Jn via Loop	0	00	2	12	N	N	N	
NW8011	MIR2	Mann Island Jn – Hamilton Square Jn	0	69	1	72	N	N	N	
NW8011	CWK1	Hamilton Square Jn – Change of ELR (Birkenhead Park)	1	72	3	00	N	N	Y	
NW8011	CWK2	Change of ELR (Birkenhead Park) – Bidston East Jn	3	00	4	40	N	N	Y	
NW8011	CWK3	Bidston East Jn – Bidston Dee Jn	4	40	4	78	N	N	Y	
NW8011	CWK3	Bidston Dee Jn – West Kirby	4	78	10	46	N	N	Y	
NW8013	MIR2	Canning Street Jn – Rock Ferry	1	60	3	42	N	N	N	
NW8013	CRR2	Rock Ferry – Hooton South Jn	13	43	7	68	N	N	R1	R1 Prohibited Hooton platform 1
NW8015	BEN	Bidston East Jn – New Brighton (New Brighton lines)	4	40	7	18	N	N	Y	
NW8017	CCS1/2	Network Rail Boundary (Canning Street North) – Rock Ferry South Jn	15	40	13	30	N	N	N	
NW9001	MAS	Route Boundary (LN808) (Dore West Jn) – Chinley North Jn	154	20	174	01	R1 R2	R1	R3	R1 Prohibited between Hathersage and Grindleford Up line R2 Prohibited Totley Tunnel Up line R3 Prohibited Hope Up platform
NW9001	TTA1	Chinley North Jn – New Mills South Jn	168	39	172	27	N	N	N	
NW9001	NMC1	New Mills South Jn – Hazel Grove High Level Jn	172	27	177	40	N	Y	Y	

Line of route	ELR	Line of Route / Sector Description	00 00 M	00 00 Ch	00 00 M	00 00 Ch	Passenger Gauge 1 (PG1)	Passenger Gauge 2 (PG2)	Lowewr Sector Vehicle Gauge (LSVG)	Notes
NW9001	HGC	Hazel Grove High Level Jn – Hazel Grove East Jn	2	62	2	35	Y	Y	Y	
NW9001	BEJ	Hazel Grove East Jn (Limit of electrification) – Edgeley Jn No.1	2	35	0	00	Y	Y	N	
NW9003	CYC	Chinley East Jn – Chinley South Jn (Chord line)	168	32	167	56	Y	Y	Y	
NW9005	CNB1	Chinley North Jn – Chinley South Jn	168	39	167	56	N	N	N	
NW9005	CNB1	Chinley South Jn – Change of Mileage (Site of former Peak Forest Jn)	167	56	161	05	N	N	N	
NW9005	CNB2	Change of Mileage (Site of former Peak Forest Jn) – Change of Mileage (Site of former Buxton Jn)	0	00	0	28	N	N	N	
NW9005	CNB3	Change of Mileage (Site of former Buxton Jn) – Buxton SB	161	15	164	52	N	N	N	
NW9005	CNB4	Buxton SB – Buxton Sidings	164	52	165	12	N	N	N	
NW9007	TTA1	New Mills South Jn – Marple Wharf Jn	172	17	177	23	N	N	N	
NW9007	TTA1	Marple Wharf Jn – Romiley Jn	177	23	178	33	N	N	N	
NW9007	TTA1	Romiley Jn – Brinnington (Change of Mileage)	178	33	181	00	N	N	N	
NW9007	TTA2	Brinnington (Change of Mileage) – Ashburys East Jn	42	77	46	24	N	N	N	
NW9009	MRH	Marple Wharf Jn – Rose Hill Buffer Stop	11	02	9	78	N	N	Y	
NW9011	RYH1	Romiley Jn – Woodley Jn	178	33	179	44	Y	Y	Y	
NW9011	RYH2	Woodley Jn – Hyde Jn	8	74	6	16	Y	Y	R1	R1 Prohibited Hyde North Down platform
NW9013	WJP1	Woodley Jn – Bredbury Sidings	40	53	39	58	N	N	N	
NW9017	NMC1/2	Hazel Grove High Level Jn – Cheadle Jn	177	40	181	71	N	N	Y	
NW9017	WJP1	Cheadle Jn – Northenden Jn	35	64	33	52	N	N	N	
NW9019	BUX	Buxton – Brigg's Sidings	0	00	4	70	N	N	Y	
NW9021	BEJ	Buxton – Hazel Grove East Jn	19	09	2	35	N	N	N	
NW9901	SKW1	Route Boundary (LN922) (Gargrave) – Settle Jn	230	00	234	44	Y	Y	Y	

Line of route	ELR	Line of Route / Sector Description	00 00 M	00 00 Ch	00 00 M	00 00 Ch	Passenger Gauge 1 (PG1)	Passenger Gauge 2 (PG2)	Lowewr Sector Vehicle Gauge (LSVG)	Notes
NW9901	SAC	Settle Jn – Petteril Bridge Jn	234	44	307	12	N	R1	Y	R2 Prohibited between Risehill Tunnel and Dent Up line
NW9901	NEC2	Petteril Bridge Jn – London Road Jn	59	26	59	45	Y	Y	Y	
NW9901	NEC2	London Road Jn – Carlisle South Jn	59	45	60	02	Y	Y	Y	
NW9903	SKW1	Settle Jn – Change of Mileage (Wennington)	234	44	249	44	Y	Y	Y	
NW9903	SJC	Change of Mileage (Wennington) – Change of Mileage (Site of former Carnforth East Jn)	9	45	0	31	R1	N	Y	R1 Prohibited between Melling Tunnel and Carnforth Jn Down line
NW9903	CEC	Change of Mileage (Site of former Carnforth East Jn) – Carnforth Station Jn	0	25	0	04	Y	Y	Y	
NW9907	WAR	Appleby North Jn – Appleby West Jn	277	27	277	56	N	N	N	
NW9907	EDE	Network Rail Boundary (Warcop) – End of line	11	03	11	46	N	N	Y	
NW9909	NEC2	Route Boundary (LN682) (Corby Gates) – Petteril Bridge Jn	58	00	59	26	Y	Y	Y	
NW9911	NGD	London Road Jn – Bog Jn (Newcastle Goods lines)	0	00	0	25	N	N	Y	