

NETWORK RAIL

Anglia Route

AR

Week No.

37

PERIODICAL OPERATING NOTICE

CONTAINING

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

INCORPORATING

SUPPLEMENT NO. 73 TO THE ANGLIA ROUTE
SECTIONAL APPENDIX

SATURDAY 06 DECEMBER 2025
to
FRIDAY 06 MARCH 2026
Inclusive

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

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

This notice comprises of 32 pages

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

Sectional Appendix Feedback (SAF) Form QR Code



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

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

Examples may include:

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

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

networkrail-networkcapabilityupdatetool.oncreate.app/w/webpage/141GBPTP1

When to use Rail Notices

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

Use Rail Notices for planned changes to infrastructure. Examples:

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

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

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

ACKNOWLEDGEMENT SLIP

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

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

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

Full Name (in capitals): _____

Signature (in full): _____

Location: _____

Date: _____

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Introduction

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

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

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

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

Supplement to the Sectional Appendix

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

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

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

**Enquiries concerning amendments to the Sectional Appendix must be e-mailed to the
Planning Publications mailbox
PlanningPublications@networkrail.co.uk**

**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 ANGLIA 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

Part A - Foreword

A1 Introduction

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

A2 Scope

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

A3 Implementation

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

A4 Technical content

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

A5 Definitions

Material change

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

Minor change

A minor change comprises of one of the following:

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

National Operations Publications

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

Periodical Operating Notice

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

Part B - Changes since previous issue

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

Part C - New amendments to National Operations Publications

No new amendments

Part D - Previous amendments to National Operations Publications

GERT8000 Rule Book

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

Explanation of change

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

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

Electronic versions of the modules and handbooks including these changes can be found at www.rssb.co.uk or in the Rule Book App.

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

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

Explanation of change

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

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

Electronic versions of the modules and handbooks including these changes can be found at www.rssb.co.uk or in the Rule Book App.

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

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

Handbook RS524 List of Dangerous Goods and their United Nations numbers

Table 1

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

Handbook RS524 List of Dangerous Goods and their United Nations numbers

Table 1

Explanation of change

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

Amend: the following as shown:

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

Add: the following new entries:

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

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

Part E - Amendments summary

GERT8000 Rule Book

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

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

Explanation of change

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

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

Pages 58 to 61 inclusive

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

44 Temporary isolations

44.1 General

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

44.2 Persons competent to take temporary isolations

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

44.3 Authorising a temporary isolation

44.3.1 Temporary Isolations shall only take place

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

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

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

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

44.4 Taking a Temporary Isolation

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

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

44.5 Testing the conductor rail

44.5.1 The PICTI shall make sure that the section or sub-section is switched off by testing between the conductor rail and the traction return rail adjacent to the conductor rail, using an approved testing device. The use of train line live indicator lamps is not permitted.

44.5.2 If the test proves the conductor rail is live then the ECO shall be informed immediately. The PICTI shall not attempt further switching without the authority of the ECO.

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

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

44.6 Preventing re-energisation of the isolated section

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

44.7 Briefing staff before commencing work

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

44.8 Cancelling the temporary isolation

44.8.1 When work has ceased the PICTI shall confirm that all persons, tools or equipment are clear of the CRE.

44.8.2 Where an electric train is involved the PICTI shall additionally confirm that all persons, tools or equipment are clear of collector shoes, and other exposed parts of electrical equipment on trains

44.8.3 The PICTI shall arrange for all members of any work group to be advised that the CRE is to be recharged.

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

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

44.9 Making the conductor rail live

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

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

Explanation of change:

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

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

Reference Appendix B, pages 69 to 80

Delete the following forms:

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

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

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

Miscellaneous instructions – Signal Box Telephone Numbers

ANGLIA INTEGRATED CONTROL CENTRE (AICC)

In the event of a telecoms failure or in the case of difficulty with any PICOP or Signaller in contacting the AICC, the following emergency numbers should be used:

Post	Telephone
Route Control Manager	Int: 085 73600 Ext: 020 7979 3600
Incident Controller Great Eastern	Int: 085 73609 Ext: 020 7979 3609
Incident Controller West Anglia	Int: 085 73619 Ext: 020 7979 3619
Incident Controller North London Line, East London Line, Thameside	Int: 085 73615 Ext: 020 7979 3615
Train Running Controller Passenger	Int: 085 73603 Ext: 020 7979 3603
Train Running Controller Freight	Int: 085 73613 Ext: 020 7979 3613
Emergency	Ext: 020 7247 1292

GSM-R - OPERATIONS CONTROL CONTACT NUMBERS - ANGLIA

AICC	GSM-R Contact Number
Anglia Route Control (Great Eastern)	74 3091 02
Anglia Route Control (NLL, ELL & Thameside)	74 3092 02
Anglia Route Control (West Anglia)	74 3093 02

GSM-R - ELECTRICAL CONTROL ROOM (ECR) CONTACT NUMBERS - ANGLIA

Electrical Control Room/Operator	ETD Telephone Numbers		STD Telephone Numbers	GSM-R Contact Number
	Short Code – TO BE USED IN AN ELECTRICAL EMERGENCY ONLY	Railway ETD		
Romford	175	085 41101	033 085 41100 (Emergency Only) 033 08541101 01708 730292 01708 730314	74 4091 03
York	174	03 75836 03 75837 03 74902 03 74906 03 75952	0845 6020 174 (Emergency Only) 01904 525836	744081 03
Rugby	172	05 46422 05 46533 05 46547 05 46546	01788 576 256 01788 576 257 (Emergency Only) 01788 555422	744061 03
Didcot	170	085 41051	033 085 41050 (Emergency Only) 033 085 41051 01235 818490	
Raynes Park	178	006 2900 006 2901	07771 613564 (Emergency Only) 020 8545 5900 020 8545 5901	744040 03
Lewisham	177	00 28400	07771 612930 (Emergency Only) 020 8694 4400 020 8692 6786	744021 03
Ashford EMMIS	N/A	085 39300 (Emergency Only) 085 39450 085 39460	01233 739 300 (Emergency Only) 01233 739 450 01233 739 460	744900 03

Miscellaneous instructions – Signal Box Telephone Numbers

ALWAYS TELL THE CONTROLLING SIGNALLER FIRST

Always report any defect, incident etc. which affects the safety of the line and which you think requires traffic to be stopped to the CONTROLLING SIGNALLER and NOT, for example, to your supervisor.
If for any reason it is not practicable to use a signal post telephone, contact the Signaller from the nearest available fixed or portable telephone.

This applies to everyone - regardless of your job or the company you work for.

Cambridge PSB			
LOCATION	INTERNAL	EXTERNAL	GSM-R
Duty Shift Manager (SSM)	085 25549	0330 8584624	74 9399 01
Cambridge (Panel A) <i>(Elsenham LX – Meldreth - Shepreth B. Jn)</i>	085 25313	0330 8525313	74 9349 01
Cambridge (Panel B) <i>(Dukes No2 LX – Barnwell Jn – Coldham Lane Jn)</i>	085 25312	0330 8525312	74 9370 01
Cambridge (North Panel) <i>(Barnwell Jn – Bottisham Rd LX)</i>	085 23506	0330 8525306	74 9365 01
Cambridge (Panel C) <i>(Bottisham Rd LX – Queen Adeladie LX – New Bedford River (EMP) – Mile End LX (ETN) – Former Snailwell Jn (CCH))</i>	085 25311	0330 8525311	74 9374 01
Cambridge (Thetford WS) <i>(Mile End LX – Wymondham (Inc Mid-Norfolk Railway))</i>	085 25309	0330 8525309	74 9375 01
Cambridge CCTV	085 25310	0330 8525310	----

Colchester PSB			
LOCATION	INTERNAL	EXTERNAL	GSM-R
Duty Shift Manager	085 25532	0330 8584432	74 9430 01
Colchester (Panel 2 - Colchester) <i>(Marks Tey C/E – Mistleay - Bentley LX)</i>	085 84426	0330 8584426	74 9147 01
Colchester (Panel 3 – Ipswich) <i>Bentley LX – Stowmarket C/E – Boss Hall Jn</i>	085 84309	0330 8584309	74 9435 01
Colchester (Panel 4 Norwich) <i>Haughley Jn – Thurston – Norwich Stn – Wensum Jn</i>	085 84948	0330 8584948	74 9434 01
Colchester (Felixstowe WS) <i>Westerfield - Felixstowe</i>	085 84417	033 085 84417	74 9428 01
Colchester (East Gates WS) <i>Hunwick Jn – Colchester Town – Alresford Stn (Up)</i>	085 84423	0330 8584423	74 9432 01
Colchester (Thorpe WS) <i>Alresford Stn (Down) – Clacton – Walton-On-The- Naze</i>	085 84428	0330 8584428	74 9433 01
Colchester (Lowestoft WS) <i>Cantley Stn – Berney Arms – Lowestoft Stn – Oulton Broad South Stn</i>	085 43537	0330 8543537	74 9431 01
Colchester (Brundall WS) <i>Brundall Gardens – Great Yarmouth – Buckenham C/E</i>	085 43536	033 085 43536	74 9429 01

Signalling/Crossing Locations			
LOCATION	INTERNAL	EXTERNAL	GSM-R
Acton Canal Wharf	08526401	033085 26401	74 9124 01
Acton Wells Jn.	08526400	033085 26400	74 9121 01
Bury St. Edmunds Yard	085 25304	0330 8525304	74 9486 01
Chippenham Jn.	085 25317	0330 8525317	74 9487 01
Crown Point	085 84949	0330 8584949	N/A
Downham Market	085 25293	0330 8525293	74 9376 01
Dudding Hill Jn	08526402	033085 26402	74 9122 01
Dullingham	085 25677	0330 8525677	74 9488 01
Elsenham Crossing	08525670	03308525670	N/A
Foxton Crossing	08525337	03308525337	N/A
Ingatestone Crossing	08584611	0207 0846139	N/A
Kings Dyke	085 25344	0330 8525344	74 9485 01
Kings Lynn Jn.	085 25299	0330 8525299	74 9380 01
Littleport	085 84660	0330 8584660	74 9378 01
Lincoln Road Crossing	08525391	03308525391	N/A
Neasden Jn <i>(Diverted to Acton Canal Wharf when closed/light duty working)</i>	08526403	033085 26403	74 9123 01
Magdalen Road	085 25296	0330 8525296	74 9379 01
March East	085 84937	0330 8584937	74 9482 01
March South	085 84941	0330 8584941	74 9481 01
Manea	085 25556	0330 8525556	74 9479 01
Oulton Broad Swingbridge	085 84532	0330 8584532	N/A
Parkeston	085 84448	0330 8584448	74 9437 01
Reedham Swingbridge	085 24530	0330 8584530	74 0201 01
Richmond	08560578	033085 60578	74 9120 01
Romford RCC (Traffic Manager) <i>(Pudding Mill Portal to Westbourne Park Junction)</i>	81021(TfL)	0300 2151021	74 5000 01
Saxmundham	085 25342	0330 8525342	74 9453 01
Somerleyton Swingbridge	085 24528	(033) 085 84528	74 0200 01
South Tottenham Jn	08584712	033085 84712	74 9271 01
Stowmarket Crossing	085 84444	0330 8584444	N/A
Stonea	085 84933	0330 8584933	74 9480 01
Three Horse Shoes	085 25186	0330 8525186	74 9483 01
Trowse Swing Bridge <i>(inc. Whitlingham Jn - Sheringham)</i>	085 84534	0330 8584534	74 9442 01
Trinity Lane Crossing	08584613	03308584613	N/A
Upper Holloway	08520808	033085 20808	74 9272 01
Whittlesea	085 25346	0330 8525346	74 9484 01
Whittlesea Crossing	085 25347	0330 8525347	N/A

Liverpool Street SDC			
LOCATION	INTERNAL	EXTERNAL	GSM-R
Duty Shift Manager - GE	085 43531	0330 854 3531	74 9100 01
Liverpool St (Liverpool St East WS) <i>(Platforms 11-17) to Bethnal Green East Jn. (Main & Elec's)</i>	085 43525	0330 854 3525	74 9141 01
Liverpool St (Liverpool St West WS) <i>(Platforms 1-10) to Cambridge Heath (Sub & Fast lines)</i>	085 43524	0330 854 3524	74 9142 01
Liverpool St (Stratford WS) <i>(Mile End-Forest G. Jn..)</i>	085 43526	0330 854 3526	74 9143 01
Liverpool St (Ilford WS) <i>(Manor Park to Gidea Pk / Upminster)</i>	085 43527	0330 854 3527	74 9144 01
Liverpool St (Shenfield WS) <i>(Harold Wood - Shenfield/ Southend V./Southminster)</i>	085 43528	0330 854 3528	74 9145 01
Liverpool St (Witham WS) <i>(Ingatestone-Marks Tey/ Braintree / Sudbury)</i>	085 43529	0330 854 3529	74 9146 01
Duty Shift Manager - WA	085 43530	0330 854 3530	74 9300 01
Liverpool St (Hackney WS) <i>(Bethnal Green - Rectory Rd. (exclusive)/ Coppermill Jn./Chingford)</i>	085 43520	0330 854 3520	74 9350 01
Liverpool St (Brimmsdown WS) <i>(Coppermill Jn – Cheshunt Rectory Rd - Cheshunt Jn / Enfld Tn)</i>	085 43521	0330 854 3521	74 9396 01
Liverpool St (Harlow WS) <i>(Broxbourne to Elsenham/Herford East/Stansted Airport)</i>	085 43523	0330 854 3523	74 9347 01
Liverpool St (Temple Mills WS) <i>(Stratford Central Jn East – Coppermill Jn High Meads Jn/Forest G Jn – Woodgrange Park)</i>	08525402	033085 25402	74 9348 01
Liverpool St (CCTV WS)	085 43522	0330 854 3522	N/A

Upminster IECC			
LOCATION	INTERNAL	EXTERNAL	GSM-R
Duty Shift Manager (SSM)	08525031	03308525031	74 9200 01
Upminster (Workstation 1) <i>Fenchurch St – Upminster Str- Ripple Lane – Chafford Hundred</i>	08525049	033085 25049	74 9201 01
Upminster (Workstation 2) <i>Upminster (Excl Station) – Shoeburyness</i>	08525051	033085 25051	74 9202 01
Upminster (Workstation 3) <i>Ripple Lane – Pitsea – Chafford Hundred</i>	08525377	033085 25377	74 9203 01
Upminster IECC (NLL Eastern Workstation) <i>Stratford 1&2 – High Meads Jn – Highbury & Islington</i>	08525028	033085 25028	74 9262 01
Upminster IECC NLL Central Workstation <i>Highbury & Islington – Willesden High Level Jn</i>	08525026	033085 25026	74 9261 01
Upminster SDS <i>Responsible for the Operational output of the North London Line (NLR) Service Delivery Centre, overseeing the teams of Upminster and Outer box signallers.</i>		0203 034 0489	

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Description of the DLR system

The DLR works automatically without lineside signals, using Driverless trains which approach in either direction travelling at a maximum speed of 50 m.p.h. Each train conveys a member of DLR staff called a 'Train Captain'.

DLR trains will not sound an audible warning to persons on or near the line and employees on or near Network Rail lines must not, therefore, except in emergency, go onto the DLR.

If employees called by the Signaller to work on the line consider that they cannot work safely with trains running on the adjoining DLR line, they must not commence work until an assurance has been received from the Signaller that DLR trains have been stopped.

If an emergency/mishap occurs on Network Rail lines that requires the stopping of DLR trains, then one of the emergency stop buttons must be pressed. These buttons are coloured red, in red cases with a clear perspex cover, located on posts a metre high. They are situated between the Network Rail and DLR lines at approximately 100 metre intervals.

Traincrew required to work on outside of train

Traincrew must not commence work on the side of a train where there are marker posts or a white board between the Network Rail line and the adjoining DLR line unless they have received an assurance from the Signaller that trains on the adjoining DLR line have been stopped.

Between Bow Jn & Stratford, and between Christian Street Jn. & Limehouse

Between Bow Jn. and Stratford, and between Christian Street Jn. and Limehouse in the vicinity of the closed Shadwell station, marker posts are provided in the 10-foot between the Network Rail line and the adjacent DLR line to identify the point beyond which employees must not proceed. When employees stand clear of the Network Rail line they must stand against one of these posts.

- Between Christian Street Jn. and Limehouse (except in the vicinity of the closed Shadwell Station), the only position of safety is on the north (Down) side of the viaduct and, on the approach of a train on the up or down Fenchurch St to Shoeburyness lines, employees must immediately proceed to the north side.
- Between Christian Street Jn. and Limehouse persons must not, except in emergency, cross the white board between the Network Rail and DLR lines. If unavoidable circumstances compel employees to remain between the Network Rail and DLR lines when trains pass, they must lie down against the Network Rail side of the board. It is important that this instruction is observed as the collector shoes of DLR trains pass in close proximity to the DLR side of the board.

Flooding of Permanent Way

Any person becoming aware of an LUL or DLR line becoming flooded above sleeper level, must telephone the Signaller at Liverpool Street SDC., Upminster I.E.C.C. or the Electrical Control Operator at Romford directly or on BT 0330 854110, who will then arrange for the relevant LUL or DLR control to be advised.

All concerned are warned that when flood water is lying on the surface of the permanent way, they must take care not to step into the water, as it may be highly charged with electricity.

Where circumstances arise causing it to be necessary for any person to step into the water, the conductor rail must be isolated before he does so.

All concerned must observe the provisions of Rule Book Module M3 – Managing incidents, floods and snow concerning the movement of trains over lines which are flooded.

Detraining of Passengers in an Emergency

Should it be necessary for passengers to be detrained, other than at a platform, any conductor rails alongside or over which the passengers may have to walk must be isolated.

Dangerous to touch Collector Shoes

Collector shoes of a D.C. electrical multiple unit are connected together by cables and whether in contact with the conductor rail or not must be considered dangerous to life.

Anglia Route GI - Dated: 07/06/2014

Loram C21 Rail Grinders

General

There are three rail grinding trains in the Loram C21 series, numbered C2101, C2102 and C2103.

Rail grinding train C2101 has a route availability of RA7, rail grinding trains C2102 and C2103 have a route availability of RA6.

All Loram Class C21 rail grinding trains are approved to travel on routes cleared to W6A gauge.

All Loram Class C21 rail grinding trains can be relied upon to operate track circuits.

Where axle counters are used as the primary means of train detection the Special Train Reminder (where provided) procedure is to be used when grinding operations are taking place on lines open for normal working.

Route prohibitions or restrictions

Loram Class C21 rail grinding trains are not permitted to run on the LT&S lines between Fenchurch Street and Gas Factory Junction.

Transit moves

The maximum permitted speed of the rail grinding trains is 55 mph.

Transit over 3rd or 4th rail DC electrified lines is permitted under the following conditions:

- The electrified rails are isolated in accordance with appropriate instructions, OR
- The 'spark blankets' are removed, OR
- The 'spark blankets' are secured within the W6a load gauge.

Grinding Operations

Notification must be given to TOCs and FOCs which operate on the routes where grinding is to take place so that drivers may be informed.

Grinding operations are permitted to take place both within T3 possessions and on lines open for normal working.

The speed when grinding is approximately 5 mph.

Grinding operations are only permitted on jointed or continuously welded plain track; grinding operations on switches and crossings are specifically excluded.

Rail grinding train C2101 is not permitted to grind within tunnels.

Rail grinding trains C2102 and C2103 are permitted to grind within tunnels, subject to the necessary risk assessment by the train operator.

The train operator is responsible for ensuring that grinding equipment does not damage track-mounted equipment or level crossing decks.

Grinding operations over 3rd or 4th rail DC electrified lines are permitted under the following conditions:

- The electrified rails are isolated in accordance with appropriate instructions, **AND**
- The 'spark blankets' are fitted

Rail grinding trains are equipped with on-board damping water spray and fire fighting water cannon.

All staff on or about the line are prohibited to be within 10m (approximately 10 yards) of the train whilst grinding operations are being carried out due to the danger of objects being emitted beyond the machine's shields. The machine operator will look out for any staff on or about the line who may be within this distance and cease operations if this is the case. Similarly, any person on a station platform will cause grinding operations to cease.

Grinding operations on lines open for normal working with Simplified Bi-directional Signalling (SIMBIDS) in operation on the opposite line

If the rail grinding train is to operate on lines open for normal working with SIMBIDS in operation on the opposite line, the signal applying to the line on which the rail grinding train is operating and which protects the crossover at the end of the grinding site, and through which trains from the line being used for SIMBIDS are being returned to the proper line, must be fitted with an operational TPWS train stop (TSS)

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EA1011 (SEVEN KINGS TO IPSWICH)

Location	Line(s) Affected	Mileage (Between)					
Brentwood Bank to Ingatestone	Up	17m	16ch	to	24m	0ch	
Ingatestone to Brentwood Bank	Down	24m	00ch	to	17m	16ch	
Manningtree	Down	59m	40ch	to	58m	69ch	

Dated: 23/08/2025**EA1012 (IPSWICH TO TROWSE JUNCTION)**

Location	Line(s) Affected	Mileage (Between)					
Ipswich Station to Ipswich East Suffolk Jn	Up	68m	60ch	to	69m	40ch	
Ipswich Station to Ipswich East Suffolk Jn	Down	69m	40ch	to	68m	60ch	

Dated: 23/08/2025**EA1040 (ROMFORD TO UPMINSTER)**

Location	Line(s) Affected	Mileage (Between)					
Romford to Upminster	Single	0m	00ch	to	3m	30ch	

Dated: 23/08/2025**EA1050 (SHENFIELD JN TO SOUTHEND VICTORIA)**

Location	Line(s) Affected	Mileage (Between)					
Mountnessing Jn to Prittlewell	Up	21m	0ch	to	41m	17ch	
Prittlewell to Mountnessing Jn	Down	41m	17ch	to	21m	0ch	

Dated: 23/08/2025

Anglia Route Sectional Appendix Module AR2

EA1060 (WICKFORD JN TO SOUTHMINSTER)

Location	Line(s) Affected	Mileage (Between)
Fambridge to Southminster	Single	36m 65ch to 45m 40ch

Dated: 23/08/2025**EA1080 (MARKS TEY JN TO SUDBURY)**

Location	Line(s) Affected	Mileage (Between)
Marks Tey to Sudbury (all stations)	Single	46m 49ch to 58m 36ch

Dated: 23/08/2025**EA1120 (MANNINGTREE (NORTH & SOUTH JNS) TO HARWICH TOWN)**

Location	Line(s) Affected	Mileage (Between)
Manningtree East Jn to Mistley	Down	59m 67ch to 61m 60ch
Harwich International to Wrabness	Up	65m 00ch to 68m 00ch

Dated: 23/08/2025

Anglia Route Sectional Appendix Module AR2

EA1170 (HACKNEY DOWNS NORTH JN TO ENFIELD TOWN)

Location	Line(s) Affected	Mileage (Between)				
Hackney Downs to White Hart Lane	Up	03m	70ch	to	08m	70ch
White Hart Lane to Hackney Downs	Down	08m	70ch	to	03m	70ch

Dated: 23/08/2025

Anglia Route Sectional Appendix Module AR2

EA1220 (STANSTED SOUTH & NORTH JN S TO STANSTED AIRPORT)

Location	Line(s) Affected	Mileage (Between)
Stansted Tunnel to Stansted Nth Jn	Single	35 m 15 ch to 00 m 00 ch

Dated: 23/08/2025**EA1310 (CAMDEN ROAD WEST JN TO RICHMOND)**

Location	Line(s) Affected	Mileage (Between)
Gunnersbury	Up	10m 18ch to 02m 63ch

Dated: 23/08/2025

Anglia Route Sectional Appendix Module AR2

EA1380 (FENCHURCH STREET TO SHOEBURYNESS)

Location	Line(s) Affected	Mileage (Between)
Upminster	Up	14m 0ch to 15m 40ch
Upminster	Down	15m 40ch to 14m 0ch

Dated: 23/08/2025**EA1430 (EAST SUFFOLK JN TO OULTON BROAD NORTH JN)**

Location	Line(s) Affected	Mileage (Between)
Westerfield	Up	75m 65ch to 72m 67ch
Westerfield	Down	72m 67ch to 75m 65ch
Willow Marsh to Middleton	Up	96m 9ch to 94m 27ch
Middleton to Willow Marsh	Down	94m 27ch to 96m 9ch

Dated: 23/08/2025**EA1480 (WHITLINGHAM JN TO CROMER)**

Location	Line(s) Affected	Mileage (Between)
Worstead to Roughton Road	Up	13m 61ch to 11m 54Ch
Roughton Road to Worstead	Down	11m 54ch to 13m 61Ch

Dated: 23/08/2025

EA1530 (COLDHAM LANE JN TO HAUGHLEY JN)

Location	Line(s) Affected	Mileage (Between)			
Cherry Hinton to Fulbourne	Single/Loop	2m	67ch	to	5m 30ch
Dullingham	Single/Loop	10m	7ch	to	11m 20ch
Thurston	Up	33m	1ch	to	31m 21ch
Thurston	Down	31m	21ch	to	33m 1ch
Elmswell	Up	36m	61ch	to	37m 41ch
Elmswell	Down	37m	41ch	to	36m 61ch

Dated: 23/08/2025**EA1540 (CHIPPENHAM JN TO ELY DOCK JN)**

Location	Line(s) Affected	Mileage (Between)			
Soham	Single	07m	60ch	to	08m 25ch

Dated: 23/08/2025**EA1580 (ELY NORTH JN TO TROWSE JN)**

Location	Line(s) Affected	Mileage (Between)			
Attleborough	Up	108m	19ch	to	108m 49ch
Attleborough	Down	108m	49ch	to	108m 19ch
Wymondham	Up	114m	20ch	to	113m 70ch
Wymondham	Down	113m	70ch	to	114m 20ch

Dated: 23/08/2025

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1011	004	Seven Kings to Ipswich	LTN1 ROU	Anglia	23/07/2022
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
ROMFORD		12 30			TCB RA8 GSM-R
Romford Jn.		12 39			Liverpool St IECC (L) Ilford workstation AC: Romford ① Trains formed of the following classes may travel at the higher speed: Class 321, 322, 345, 360,720 & 745 Electric Multiple Units, and 755 Bi-mode Multiple Unit. Class 90 electric locomotive haulin/propelling MK111 coaching stock. Platform 2 - 179m (194yds) Platform 3 - 181m (195yds) Platform 4 - 181m (195yds) Platform 5 - 182m (197yds)
GIDEA PARK		13 28 *	To Upminster EA1040 seq 001		
		13 41			
		13 54 *			Platform 1 - 185m (200yds) Platform 2 - 184m (199yds) Platform 3 - 184m (199yds) Platform 4 - 185m (200yds)

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1011	005	Seven Kings to Ipswich	LTN1	Anglia	31/08/2025
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
Gidea Park Stabling Lines 1 to 4	<p>13 55 *</p> <p>13 68 *</p> <p>14 03</p> <p>14 15 *</p>		<p>TCB RA8</p> <p>Liverpool St IECC (L) Ilford workstation AC: Romford</p> <p>GSM-R</p> <p>① Trains formed of the following classes may travel at the higher speed. Class 321, 322, 345, 360, 720 & 745 Electric Multiple Units, and 755 Bi-mode Multiple Unit. Class 90 electric locomotives hauling/propelling MK111 coaching stock.</p> <p>② Speeds over these connections are:- 25 Up direction 25 Down direction</p> <p>③ Speeds within the Turnback Line are:- 25 Up direction 15 Down direction</p> <p>④ Speeds within Shunt Spur, Up direction, 15 towards Stabling Lines, Down direction 5.</p> <p>⑤ Speeds within Gidea Park Stabling Lines are:- 15 lines 1,2,3 and 4 5 over mid point drivers walkway (denoted by dotted line)</p> <p>□ Temporary Carriage Washer situated on the Country End Headshunt (London End).</p>		

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1011	010	Seven Kings to Ipswich	LTN1 CDY	Anglia	04/11/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Margaretting (UWC) LC (R/G)		25 30 * 25 39 *			GSM-R
CHELMSFORD		29 60 30 20			TCB RA8 Liverpool St IECC (L) Witham workstation AC: Romford UM, HABD in rear of signal L726 at 25m 41ch Instruction in section 1 applies at Maldon Road (Bridge 143) at 25m 78ch General instruction applies at Duke St. (Bridge 151) at 29m 53ch LOD(P) (Chelmsford/Church Lane Crossovers) at 29m 56ch Up Platform - 248m (268yds) Down Platform - 248m (268yds) DPL 256m (280yds) PF

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated		
EA1011	011	Seven Kings to Ipswich	LTN1	Anglia	26/10/2025		
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks		
Arbour Lane Crossover		30 30 30 32 *			TCB RA8	Liverpool St SDC (L) Witham workstation AC: Romford	
Beaulieu South Junction		32 03			UM - Up Main DM - Down Main BPSL - Beaulieu Park Station Loop	LOD(P) Up line only (Arbour Lane/ Chelmsford) at 30m 30ch	
BEAULIEU PARK		32 30			LOD(T) Provided in the Beaulieu Park Station Area	Up Platform - 252m BPSL Platform - 252m Down Platform - 252m	
Beaulieu North Junction		32 65					

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1012	004	Ipswich to Trowse Junction	LTN1 CCH	Anglia	08/01/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Regent Street LC (CCTV)		80 68			TCB RA8 Colchester SB (CO) Norwich panel AC: Romford GSM-R
MPCO Zone Commencement DM		81 52 *			MPCO (See General Instructions)
MPCO Zone Commencement DM		82 55			FWS (SATWS) provided from LTN1
MPCO Zone Commencement DM		82 60			Dn 82m 13ch & Up 83m 76ch and EA1530 (CCH)
Haughley LC (AHBC)		82 70			
Haughley Jn		82 79			Telephone to Colchester signal box provided at all two aspect distant signals between 82m 20ch and 90mp
Wassicks LC (AHBC-X)		83 79			
Gooderhams LC (UWC)		84 77			

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1013	001	Trowse Jn to Norwich	LTN1 LTN2 ETN NCW	Anglia	30/08/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Trowse Jn Change of mileage		113 68 123 00			<p>TCB Colchester SB (CO) RA8 Norwich panel AC: Romford</p> <p>GSM-R </p> <p>UT - Up Thetford DT - Down Thetford UTPL-Up Trowse Passenger Loop</p> <p>UTPL-284m (311yds)</p> <p>Trowse Swing Bridge signal box controls Whitlingham Jn. and the line to Cromer / Sheringham.</p> <p>LC - Line C LD - Line D</p>
Trowse Swing Bridge SB (TB)		123 37			
Trowse Swing Bridge		123 37			
		123 47 *			
		123 56 *			

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1013	002	Trowse Jn to Norwich	LTN2 NOL THG	Anglia	04/11/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Thorpe Jn.		123 60			<p>TCB RA8 Colchester SB (CO) Norwich panel AC: Romford</p> <p>GSM-R</p> <p>LC - Line C LD - Line D</p> <p>LE - Line E LW - Line W</p> <p>Platform 1 - 298m (318yds) PP Platform 2 - 296m (320yds) PP Platform 3 - 250m (270yds) PP Platform 4 - 255m (275yds) PP Platform 5 - 198m (214yds) PP Platform 6 - 132m (142yds) PP</p>
NORWICH		124 09			

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated		
EA1080	002	Marks Tey Jn to Sudbury	SUD	Anglia	20/09/2025		
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks		
BURES		53 45			OTNS RA6	Liverpool St IECC (L) Witham workstation	
Lamarsh School Lane (UWC)		54 77			T	Platform - 82m (89yds) General instruction applies at Colne Road (Bridge 891) at 53m 47ch	
Casefield LC (UWC)		56 36			T		
Sewage Works Lane LC UWC R/G		56 62			T		
Shalfords LC (UWC)		56 73			T		
Cornard LC (ABCL)		57 42					
Sudbury Ladysbridge LC (UWC)		58 25 58 27			T		
SUDBURY		58 29 * 58 32		Platform - 52m (57yds)			

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1090	001	Colchester Jn to Clacton	COC LTN1 STB CTH	Anglia	20/08/2022
Location		Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks	
OHNS		52 28 52 33 *		TCB RA7 Colchester SB (CO) Colchester workstation AC: Romford GSM-R	
Hunwick Jn		52 56 * 52 61 *		Colchester SB (CO) East Gate workstation	
East Gate LC (CCTV)		53 12		LOD(P) Down Clacton, Up and Down Avoiding line (East Gate/Colchester) at 53m 13ch	
East Gate Jn		53 14			

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1090	002	Colchester Jn to Clacton	COC STB CTH	Anglia	20/08/2022
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Hythe Jn		53 36			<div style="border: 1px solid black; padding: 2px; display: inline-block;"> GSM-R </div>
HYTHE		53 49			<div style="border: 1px solid black; padding: 2px; display: inline-block;"> TCB Colchester SB (CO) RA7 East Gate workstation AC: Romford </div>
Hythe Station LC (CCTV)		53 54			UC - Up Clacton DC - Down Clacton UHC - Up Hythe Curve DHC - Down Hythe Curve Up platform - 250m (273 yds) Down platform - 272m (297 yds)
OHNS		53 55 *			
Wivenhoe Park LC (UWC)		54 15			
Spring Lane LC (FPS)		54 61			
		55 25 *			
		55 34			
		55 45 *			
		55 55 *			

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1090	003	Colchester Jn to Clacton	COC	Anglia	20/09/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
WIVENHOE		56 00			<p>TCB Colchester SB (CO) RA7 East Gate workstation AC: Romford</p> <p>DC - Down Clacton UC - Up Clacton</p> <p>Up platform - 249m (272 yd) Down platform - 248m (271 yd)</p> <p>Up platform - 176m (192 yd) Down platform - 176m (192 yd)</p> <p>Colchester SB (CO) Thorpe le Soken workstation</p>
Paget LC (FPW)		56 24 56 60 *	<p>* 60 EMU 75</p>		
Sand Pit LC (FPS)		57 17	<p>60 EMU 75</p>		
ALRESFORD		57 63	<p>15</p>		
Alresford LC (CCTV)		57 68	<p>X35</p>		
Coach Road LC (CCTV)		58 02			
High Elm LC (FPS)		58 32			
Hockley LC (FP) (R/G-X)		58 63			
Thorington LC (CCTV)		59 41	<p>X35</p>		

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1120	003	Manningtree to Harwich Town	MAH	Anglia	20/09/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Bradfield LC (UWC) (R/G)		62 37			TCB RA8 Parkeston SB (P) AC: Romford GSM-R
Jaques Hall LC (UWC)		63 31			DH - Down Harwich UH - Up Harwich
Wrabness Footpath LC (R/G)		65 04			Down Platform - 83m (90 yd) Up Platform - 85m (93 yd)
WRABNESS		65 06			
Copperas Wood LC (UWC) (R/G)		66 49			
		67 33 *			

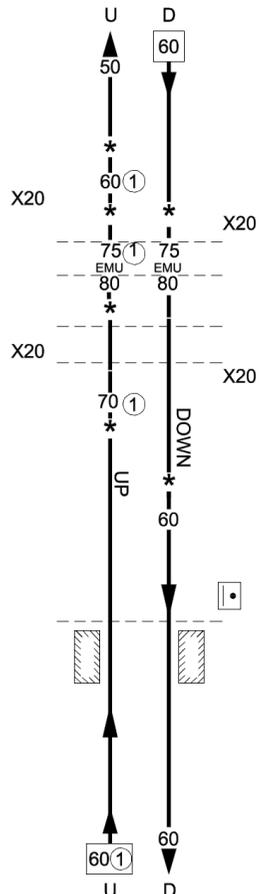
Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1120	004	Manningtree to Harwich Town	MAH	Anglia	16/01/2022
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Parkeston Goods Jn		68 02			TCB RA8 Parkeston SB (P) AC: Romford GSM-R
Parkeston Yard		68 51 *			DH - Down Harwich UH - Up Harwich FS - Freight Siding
Parkeston West (MCB) LC		68 61			Platform 1 - 262m (286 yds) Platform 2 - 264m (289 yds) Platform 3 - 259m (283 yds) PP PP-C Down direction only (Plat 2)
Parkeston SB (P)		68 62			TH - Through Siding
HARWICH INTERNATIONAL PORT		68 72			
Parkeston East LC (CCTV)		68 79			

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1161	015	Bishops Stortford to Ely North Jn	BGK	Anglia	09/08/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Kiln Lane LC (AHBC-X)		71 33 71 52 *			TCB RA8 Cambridge SB workstation 4(CA) AC: Romford UPH - Up Peterborough DPH - Down Peterborough UNR - Up Norwich DNR - Down Norwich UKL - Up Kings Lynn DKL - Down Kings Lynn FWS (SATWS) provided between BGK 71m 10ch and EA1550 EWC EA1560 EMP EA1580 ETN EA1162 BGK
Ely North Jn		71 63 * 71 68 71 70	Continued on EA1162 seq 001		

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1162	001	Ely North Jn to Kings Lynn	BGK	Anglia	27/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
			Continued on EA1161 seq 15		<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="border: 1px solid black; padding: 2px;"> TCB RA8 Cambridge SB Workstation 4 (CA) AC: Romford </div> <div style="text-align: right;">  </div> </div> <p>FWS (SATWS) provided from BGK (UP) 72m 66ch and EA1550 EWC EA1560 EMP EA1580 ETN EA1161 BGK</p> <p>① Up trains conveying vehicles with 15 feet wheelbase or less not to exceed 35 m.p.h.</p> <div style="border: 1px solid black; padding: 2px; margin: 10px auto; width: fit-content;"> Littleport SB (L) </div> <p>Up platform - 86m (93 yd) Down platform - 167m (183 yd)</p>
					
		71 75 *			
Queen Adelaide LC (AHBC-X)		72 18 *			
Adelaide LC (FP)		72 71			
Cross Keys LC (FP)		73 18			
		75 23 *			
Clayway (FP)		75 25			
Sandhill LC (AHBC-X)		75 35			
		75 70 *			
		75 71 *			
Littleport (L) SB		75 79			
Littleport LC (MCG)		76 00			
LITTLEPORT		76 00			

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1162	004	Ely North Jn to Kings Lynn	BGK	Anglia	12/11/2016
Location	Mileage M	Ch	Running lines & speed restrictions	Signalling & Remarks	
				<p>TCB Downham Market SB (DM) RA8 AC: Romford</p> <p>GSM-R</p> <p>① Up trains conveying vehicles with 15 feet wheelbase or less not to exceed 35 m.p.h.</p> <p>Up platform - 183m (198 yd) Down platform - 181m (196 yd)</p>	
	85	73 *			
Downham Market Station LC (MCB) Downham Market (DM) SB	86	04			
DOWNHAM MARKET	86	08			
Downham Market GF	86	15			
	86	16 *			
Fairfields LC	86	31			

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1162	005	Ely North Jn to Kings Lynn	BGK	Anglia	04/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
					<p>TCB RA8</p> <p>Magdalen Road SB (MR) AC: Romford</p> <p>GSM-R </p> <p>① Up trains conveying vehicles with 15 feet wheelbase or less not to exceed 35 m.p.h.</p> <p>Down platform - 90m (97 yd)</p> <p>Up platform - 106m (114 yd)</p>
		87 00 *			
Gull Pit LC (FP)		88 01			
Stow Bardolph LC (CCTV)		88 31			
Warners LC (UWC)		89 24	T		
Lamberts LC (UWC)		89 25	T		
Holme Road LC		89 63 *	T		
WATLINGTON		90 70			
Magdalen Road LC (MCB)		90 73			
Magdalen Road (MR) SB		90 73			
		91 00 *			
		91 12			
Watlington Road LC (CCTV)		91 13			

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated						
EA1310	004	Camden Road West Junction to Richmond	BOK2 BOK3	Anglia	17/04/2021						
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks						
Kensal Green Junction		5 08 *			TCB RA8 Upminster SCC (NL) NLL Central Workstation AC: Rugby						
		<table border="1"> <thead> <tr> <th>CITY LINES</th> <th>NEW LINES</th> </tr> </thead> <tbody> <tr> <td>0 00</td> <td>5 10</td> </tr> <tr> <td>0 21</td> <td>5 25</td> </tr> </tbody> </table>			CITY LINES	NEW LINES	0 00	5 10	0 21	5 25	U + D New Lines DC (3): Rugby U + D City Lines AC: Rugby
		CITY LINES			NEW LINES						
		0 00			5 10						
		0 21			5 25						
5 29 *	① Willesden Turnback Siding - 20 mph										
5 39	Up Platform 4 - 102m (111yds) Down Platform 5 - 126m (138yds)										
5 48 *	<table border="1"> <thead> <tr> <th>HIGH LEVEL LINES</th> </tr> </thead> <tbody> <tr> <td>0 43 *</td> </tr> <tr> <td>0 09</td> </tr> </tbody> </table>	HIGH LEVEL LINES	0 43 *	0 09	UNL: Up North London DNL: Down North London Axle Counter Area						
HIGH LEVEL LINES											
0 43 *											
0 09											
0 00	0 04										

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated			
EA1310	005	Camden Road West Junction to Richmond	BOK4 BOK5	Anglia	03/11/2025			
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks			
Former Old Oak Jn Change of Mileage		0 34 0 43			<table border="1"> <tr> <td>TCB RA8</td> <td>Acton Wells Jn SB (AW) AC: Rugby</td> <td>GSM-R </td> </tr> </table> <p>Change of line designation from Acton Wells Junction UNL: Up North London DNL: Down North London Poplar lines electrified between Acton Wells Jn and Acton Bank Neutral Section (Refer to GW130 seq 1.)</p> <p>No electric traction to be operated on Poplar lines until further notice.</p> <p>The Down Poplar line - PF ONLY for one light locomotive movement (including locos coupled together described as a light engine) or one DMU movement not conveying passengers (including DMUs coupled together) to FOLLOW a train of class 3 - 8 or 0.</p>	TCB RA8	Acton Wells Jn SB (AW) AC: Rugby	GSM-R
TCB RA8	Acton Wells Jn SB (AW) AC: Rugby	GSM-R 						
Acton Wells Jn (AW) SB Acton Wells Jn		0 64 0 66 *						
Acton Wells Jn		0 72						

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1380	013	Fenchurch St to Shoeburyness	FSS3	Anglia	02/07/2022
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
SOUTHEND CENTRAL		35 55			TCB RA8 Upminster IECC (UR) AC: Romford GSM-R
					LOD (P) (Leigh-on-Sea/Southend Central) at 35m 40ch Platform 1 - 248m (268yds) PP Platform 2 - 251m (271yds) PP-C Platform 3 - 276m (299yds) PP-C Platform 4 - 248m (268yds) PP LOD (P) (Southend Central Shoeburyness) at 35m 75ch
OHNS		35 27			
		35 70 *			

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1380	014	Fenchurch St to Shoeburyness	FSS3	Anglia	20/09/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
					<p>TCB RA8 Upminster IECC (UR) AC: Romford</p> <p>UM - Up Main DM - Down Main</p> <p>GSM-R </p> <p>Up Platform 1 - 247m (270yds) Operational Length = 244m (266yds) Operational Length Bi-Di = 247m (270yds) Down Platform 2 - 247.5m (270.6yds) Operational Length = 247.5m (270.6yds) Operational Length Bi-Di = 247.5m (270.6yds)</p> <p>Up Platform 1 - 247m (270yds) Operational Length = 244m (266yds) Operational Length Bi-Di = 247m (270yds) Down Platform 2 - 247.5m (270.6yds) Operational Length = 247.5m (270.6yds) Operational Length Bi-Di = 247.5m (270.6yds)</p>
SOUTHEND EAST		36 42 *			
Woodgrange Close LC (FPW)		36 49			
THORPE BAY		37 13			
		37 73			
		38 48 *			

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1430	005	East Suffolk Jn to Oulton Broad North	ESK	Anglia	21/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
			U&D ES 		<div style="border: 1px solid black; padding: 2px; display: inline-block;"> TCB Saxmundham SB (ES) RA7 </div> <p>U&D ES - Up & Down East Suffolk</p> <p>① Where permissible, Nuclear Flask trains may run at a maximum speed of 40mph, providing braking distances as per Railway Group Standard GK/RT0075 Appendix B are met, but not exceed 20mph when approaching an automatic level crossing. Other freight trains not to exceed 20mph.</p> <p>Platform - 66m (56m (60 yds) stop)</p> <p>Platform - 161m (80m (86 yds))</p>
		79 32 *			
		79 39 *			
		79 42 *	T		
		79 43 *			
		79 54 *	T		
		80 05 *			
		80 06 *	T		
		80 15 *	T		
		80 25 *			
		80 28 *			
		80 31 *			
		80 46 *	T		
		81 60 *			
		81 60 *			
		83 11 *			
		84 17 *			
		84 43 *			
		84 64 *			

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1430	006	East Suffolk Jn to Oulton Broad North	ESK	Anglia	21/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Blackstock LC (UWC)		85 29			TCB Saxmundham SB (ES) RA7  U&D ES - Up & Down East Suffolk ① Where permissible, Nuclear Flask trains may run at a maximum speed of 40mph, providing braking distances as per Railway Group Standard GK/RT0075 Appendix B are met, but not exceed 20mph when approaching an automatic level crossing. Other freight trains not to exceed 20mph.
Red House Farm LC (UWC)		85 45			
Blaxhall LC (AOCL+B)		86 31			
Blaxhall LC (FPS)		86 76			
Beversham LC (ABCL)		87 15			
Snape LC (UWC)		88 22			
Farnham LC (FPS)		88 42			
Benhall LC (FP - R/G)		90 08			
Brick Kiln LC (UWC- R/G)		90 30			

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1470	006	Norwich Thorpe Jn to Lowestoft	NOL	Anglia	16/02/2020
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
			UL DL 		TCB Colchester PSB Lowestoft WS (YL) RA7 
		17 48 *			① Freight trains not to exceed 40 mph
		17 51 *			
Somerleyton Swing Bridge Operations Cabin		17 60			Up platform - 127m (137yds) Down platform - 148m (160yds)
Somerleyton Station LC (UWC)		17 63 *			
SOMERLEYTON		17 76			
		18 00			
Waddling Wood LC (UWC)		18 08 *			
		18 23			
Flatt LC (UWC)		18 60			
Blundeston LC (UWC)		19 32			
Flixton Marshes LC (UWC)		19 57			
Fleet Pump LC (UWC)		20 01			
Gravel Dam LC (R/G-X)		20 43			
Fisher Row LC (R/G-X)		20 77			
		21 70 *			Up platform - 146m (158yds) Down platform - 149m (161yds)
		22 00 *			
Oulton Broad North LC (CCTV)		22 01			
OULTON BROAD NORTH		22 04			
			UL DL 35 50 ①		DL - Down Lowestoft UL - Up Lowestoft

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1470	007	Norwich Thorpe Jn to Lowestoft	NOL ESK	Anglia	14/10/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Oulton Broad North Jn		22 14			GSM-R TCB Colchester PSB Lowestoft WS (YL/ES) RA7
Coke Ovens Junction		22 64 *			
		22 65			
LOWESTOFT		23 19 *			① Freight trains not to exceed 20m.p.h ② Freight trains not to exceed 40 mph Platform 2 - 215m (235yds) PP Platform 3 - 230m (251yds) PP Platform 4 - 215m (235yds) PP DL - Down Lowestoft, UL - Up Lowestoft
		23 41			

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1530	007	Coldham Lane Jn to Haughley	CCH LTN1	Anglia	20/09/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Hall Farm LC (UWC)		36 59			TCB RA8 Colchester SB (CO) Norwich panel GSM-R
ELMSWELL		37 11			
Elmswell LC (CCTV)		37 14			
Elmswell GSP		37 20			
Mutton Hall LC (FPS)		38 38			
Base Green (No. 31) LC (UWC)		39 03			
Haughley Green LC (FPW)		39 31 39 73 *			
		40 42 *			
		40 45			
Haughley Jn		40 49 82 79			C 935 yards before reaching signal CO. 698 FWS (SATWS) provided from CCH 39m 64ch and EA1012 (LTN1)

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1540	001	Chippenham Jn to Ely Dock Jn	SOB1 SOB2	Anglia	27/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Chippenham Jn		(16 04) 00 63			TCB RA8 Chippenham Jn. SB (CM) GSM-R
Change of mileage Site of former Snailwell Jn		00 00 * 01 54			Cambridge SB Workstation 4(CA)
Kings Sidings GF		2 64 (S)			
Munceys LC		4 16 (T)			
Fordham LC (AHBC-X)		4 64	X30		
Cockspin Road LC (AHBC-X)		5 05	X30		
			75 U 75 D		

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated		
EA1540	004	Chippenham Jn to Ely Dock Jn	SOB2 BGK	Anglia	27/12/2024		
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks		
Ambrose's LC		11 11			TCB RA8	Cambridge SB Workstation 4 (CA)	GSM-R
Roundabout Drove LC		11 36 11 36					
		12 00 *					
Wells Engine LC		12 03					
Hawks LC		12 17					
Single Line		12 27					
Ely Dock Jn		12 33 (69 79)					

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1550	001	Ely North Jn to Ely West Jn (Ely West Curve)	EWCBGK ETN EMP	Anglia	09/08/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Ely North Jn		00 00			TCB RA8 Cambridge SB Workstation 4 (CA) GSM-R
Pitts LC (UWC)		00 23	T		FWS (SATWS) provided from EWC 0 miles 17 ch and EA1560 EMP EA1580 ETN EA1161 BGK EA1162 BGK
Days LC (UWC)		00 58	T		
Ely West Jn		01 00 (72 39)	UPH - Up Peterborough DPH - Down Peterborough		

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1560	001	Ely North Jn to Peterborough	EMP ETN BGK EWC	Anglia	09/08/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Ely North Jn		71 63			GSM-R TCB RA8 Cambridge SB Workstation 4 (CA)
Ely North Jn LC (FP) Queen Adelaide LC (AHBC-X)		71 72 * 72 01 72 12	To Shippea Hill EA1580 seq 001 To Ely station EA1161 seq 15 Down Norwich Up Kings Lynn To Littleport EA1161 seq 15 Down Kings Lynn 50 * X20 60 45 60 25 To Ely North Jn EA1550 seq 1 Up Ely West Curve single Down 40 60 * * 75 75 X20 X20 75 75 UP DP		Wrong direction controls not provided on down line
Ely West Jn		72 39 72 40 *			
Second Drove LC (FPS) Clayway LC (UWC)		72 55 72 62	T		
Chettisham LC (MCB-OD)		73 35 * 73 55			
Beald Drove LC (AHBC-X)		74 58			FWS (SATWS) provided from EMP 72m 35ch and EA1550 EWC EA1580 ETN EA1161 BGK EA1162 BGK DP - Down Peterborough UP - Up Peterborough

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1560	002	Ely North Jn to Peterborough	EMP	Anglia	27/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
					GSM-R TCB Cambridge SB Workstation 4 (CA) RA8 DP - Down Peterborough UP - Up Peterborough HABD on Up Line near Second Drove LC
North Fen LC (AHBC-X)		74 79			
Black Bank LC (AHBC-X)		75 24			
Second Drove LC (AHBC-X)		75 58			
Third Drove LC (AHBC-X)		75 76			
Furlong Drove LC (FPG)		76 54			
		78 01 *			
		78 02 *			

Table D2A – Route clearance of electric multiple units

Last Updated: 04/10/2025

To be read in conjunction with General Notes.

357 MOD = 357 (Modified) and refers to Class 357 units that have had 65mm removed from the width of their footsteps

Line of route	ELR	Line of Route / Sector Description	0000		0000		319	321	325	345	357	357/3	Notes
			M	Ch	M	Ch							
EA1010	LTN1	Liverpool Street platforms 1-10 – Liverpool St (L) IECC	0	00	0	22	N	Y	H	Y	Y	R1	R1 Prohibited Liverpool Street platform 1 & 2 R2 R2 Prohibited Liverpool Street platform 3,5,8 & 9 with deflated suspension R3 R3 Prohibited Liverpool Street platform 10 in crush condition with deflated suspension
EA1010	LVS	Liverpool Street platforms 11-17 – Liverpool St (L) IECC	0	00	0	22	N	Y	H	Y	Y	Y	
EA1010	LTN1	Liverpool St (L) IECC – Bethnal Green East Jn	0	22	1	10	N	Y	H	Y	Y	Y	
EA1010	LTN1	Bethnal Green East Jn – Mile End	1	10	2	02	N	Y	H	Y	Y	Y	
EA1010	LTN1	Mile End – Bow Jn	2	02	2	74	N	Y	H	Y	Y	Y	
EA1010	LTN1	Bow Jn – Carpenters Road South Jn	2	74	3	54	N	Y	H	Y	Y	R1	R1 Prohibited Bow Jn – Pudding Mill Lane, Up Temple Mills (u/br52 Northern Outfall Sewer)
EA1010	LTN1	Carpenters Road South Jn – Stratford Central Jn West	3	54	3	70	N	Y	H	Y	Y	Y	
EA1010	LTN1	Stratford Central Jn West – Stratford Central Jn East	3	70	3	75	N	Y	Y	Y	Y	R1	R1 Stratford platform prohibited 8,9, 10 & 10A in crush condition with deflated suspension
EA1010	LTN1	Stratford Central Jn East – Forest Gate Jn	3	75	5	63	N	Y	Y	Y	Y	R1 R2	R1 Maryland prohibited platform 1 in crush condition with deflated suspension R2 Forest Gate prohibited platform 1,2,3 & 4 in crush condition with deflated suspension
EA1010	LTN1	Forest Gate Jn – Ilford Depot London End	5	63	7	63	N	Y	Y	Y	E R1	E R1	R1 Prohibited Ilford platform 3
EA1010	LTN1	Ilford Depot London End – Seven Kings	7	63	8	45	N	Y	Y	Y	N	E R1	R1 Prohibited Chadwell Heath to Seven Kings
EA1011	LTN1	Seven Kings – Romford Jn	8	45	12	39	N	Y	Y	Y	N	N	
EA1011	LTN1	Romford Jn – Shenfield Jn	12	39	20	22	N	Y	Y	Y	N	N	
EA1011	LTN1	Shenfield Jn – Witham Jn	20	22	38	55	N	Y	Y	N	N	N	
EA1011	LTN1	Witham Jn – Marks Tey Jn	38	55	46	49	N	Y	Y	N	N	N	

Anglia Route Sectional Appendix Module AR2

Line of route	ELR	Line of Route / Sector Description	00	00	00	00	319	321	325	345	357	357/3	Notes
			M	Ch	M	Ch							
EA1011	LTN1	Marks Tey Jn – Colchester Jn	46	49	51	65	N	Y	Y	N	N	N	
EA1011	LTN1	Colchester Jn – Manningtree South Jn	51	65	59	46	N	Y	Y	N	N	N	
EA1011	LTN1	Manningtree South Jn – Manningtree North Jn	59	46	59	69	N	Y	Y	N	N	N	
EA1011	LTN1	Manningtree North Jn – Ipswich	59	69	68	59	N	Y	Y	N	N	N	
EA1012	LTN1	Ipswich – East Suffolk Jn	68	59	69	41	N	Y	Y	N	N	N	
EA1012	LTN1	East Suffolk Jn – Trowse Jn (EA1013)	69	41	113	68	N	Y	Y	N	N	N	
EA1013	LTN2	Trowse Jn – Trowse Swing Bridge	123	00	123	37	N	Y	Y	N	N	N	
EA1013	NCW	Trowse Swing Bridge – Wensum Jn (EA1470 / ELR NOL 0m 60ch) via Through Sidings / Wensum Curve	0	00	0	28	N	Y	Y	N	N	N	
EA1013	LTN2	Trowse Swing Bridge – Norwich	123	37	124	09	N	Y	Y	N	N	N	
EA1020	CNS	Carpenters Rd South Jn – Carpenters Rd North Jn	1	12	0	70	N	Y	H	E	E	N	
EA1030	FGW	Forest Gate Jn – Woodgrange Park Jn	0	00	0	31	N	N	H	E	Y	Y	
EA1040	ROU	Romford – Upminster	0	00	3	30	N	Y	H	N	N	N	
EA1050	SSV	Shenfield Jn – Southend Victoria	20	22	41	42	N	Y	H	N	N	N	
EA1060	WIS	Wickford Jn – Southminster	29	13	45	42	N	Y	H	N	N	N	
EA1070	BRA	Witham – Braintree	24	15	17	71	N	Y	H	N	N	N	
EA1080	SUD	Marks Tey Jn – Sudbury	45	53	58	32	N	N	H	N	N	N	
EA1090	COC	Colchester Jn – Clacton	52	28	69	56	N	Y	H	N	N	N	
EA1100	STB	East Gate Jn – Colne Jn	53	14	53	30	N	Y	H	N	N	N	
EA1100	CTH	Hythe Jn – Colne Jn	0	22	0	00	N	Y	H	N	N	N	
EA1100	STB	Colne Jn – Colchester Town	53	30	53	76	N	Y	H	N	N	N	
EA1110	TWN	Thorpe-Le-Soken Jn – Walton-On-Naze	65	19	70	15	N	Y	H	N	N	N	
EA1120	MAH	Manningtree South Jn – Manningtree East Jn	59	35	59	67	N	Y	H	N	N	N	
EA1120	NTE	Manningtree North Jn – Manningtree East Jn	0	00	0	24	N	Y	H	N	N	N	
EA1120	MAH	Manningtree East Jn – Harwich International Port	59	67	68	72	N	Y	H	N	N	N	
EA1120	MAH	Harwich International Port – Harwich town	68	72	70	61	N	Y	H	N	N	N	

Anglia Route Sectional Appendix Module AR2

Line of route	ELR	Line of Route / Sector Description	○○	○○	○○	○○	319	321	325	345	357	357/3	Notes
			M	Ch	M	Ch							
EA1130	GRW	Halifax Jn – Griffin Wharf Boundary	0	00	0	47	N	N	N	N	N	N	
EA1150	CST	Channelsea South Jn – Stratford Central Jn West	0	29	0	00	N	Y	Y	E	E	E	
EA1160	BGK	Bethnal Green East Jn – Reading Lane Jn	1	10	2	55	N	Y	H	N	N	N	
EA1160	BGK	Reading Lane Jn – Hackney Downs North Jn	2	55	3	04	N	Y	H	N	N	N	
EA1160	BGK	Hackney Downs North Jn – Coppermill Jn	3	04	4	74	N	Y	H	N	N	N	
EA1160	BGK	Coppermill Jn – Tottenham South Jn	4	74	5	41	N	Y	H	N	N	N	
EA1160	BGK	Tottenham South Jn – Bishops Stortford (Cannons Mill Lane Footpath LC (R/G-X))	5	41	31	31	N	Y	H	N	N	N	
EA1161	BGK	(Cannons Mill Lane Footpath LC (R/G-X) Stansted Mountfitchet – Shepreth Branch Jn	31	31	53	06	N	Y	H	N	N	N	
EA1161	BGK	Shepreth Branch Jn – Ely Dock Jn	53	06	69	79	N	R1	H	N	N	N	R1 See Sectional Appendix Local Instructions
EA1161	BGK	Ely Dock Jn – Ely North Jn	69	79	71	68	N	R1	H	N	N	N	R1 See Sectional Appendix Local Instructions
EA1162	BGK	Ely North Jn – Kings Lynn	71	68	96	75	N	N	H	N	N	N	
EA1170	HDT	Hackney Downs North Jn – Seven Sisters Jn	3	04	5	70	N	Y	H	N	N	N	
EA1170	HDT	Seven Sisters Jn – Bury Street Jn	5	70	9	20	N	Y	H	N	N	N	
EA1170	ENT	Bury Street Jn – Enfield Town	9	20	10	55	N	N	H	N	N	N	
EA1180	GRE	Reading Lane Jn – Navarino Road Jn (Graham Rd Curve)	2	55	2	79	N	Y	H	N	N	N	
EA1190	HDT	Bury Street Jn – Cheshunt Jn	9	20	14	28	N	Y	H	N	N	N	
EA1200	CJC	Clapton Jn – Chingford	4	37	10	33	N	Y	H	N	N	N	
EA1210	HEB	Broxbourne Jn – Hertford East	18	35	24	19	N	N	H	N	N	N	
EA1220	TLA	Stansted South Jn – Stansted East Jn	33	54	34	26	N	Y	H	N	N	N	
EA1220	TEN	Stansted North Jn – Stansted East Jn	0	00	0	49	N	Y	H	N	N	N	
EA1220	TLA	Stansted East Jn – Stansted Airport	34	26	36	67	N	Y	H	N	N	N	
EA1230	SBR	Route Boundary (LN125) (Royston) – Shepreth Branch Jn	45	60	55	26	N	R1	H	N	N	N	R1 See Sectional Appendix Local Instructions

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Line of route	ELR	Line of Route / Sector Description	○○○	○○○	○○○	○○○	319	321	325	345	357	357/3	Notes
			M	Ch	M	Ch							
EA1270	MIT	Kings Lynn Jn – Middleton towers	0	22	3	44	N	N	N	N	N	N	
EA1270	DOC	Kings Lynn Jn – Kings Lynn Yard branch end	0	22	0	00	N	N	N	N	N	N	
EA1280	SDC	Stratford Central Jn East – Temple Mills East Jn. (Via Platforms 11 & 12 at Stratford)	3	76	4	45	N	Y	H	R1	N	N	R1 ECS only between Stratford and Temple Mills East Jn
EA1280	SDC	Temple Mills East Jn – Coppermill Jn	4	45	7	14	N	Y	H	E R1	N	N	R1 Prohibited Ruckholt Road Jn to Coppermill Jn
EA1290	TSE2	Tottenham South Jn – Change of mileage	5	41	5	54	N	Y	H	N	N	N	
EA1290	TSE1	Change of mileage – South Tottenham East Jn	6	22	5	73	N	Y	H	N	N	N	
EA1300	SSL	South Tottenham West Jn – Seven Sisters Jn	0	13	0	00	N	Y	H	N	N	N	
EA1310	BOK2	Camden Road West Jn – Gospel Oak Jn	0	00	1	10	E	N	Y	E	N	N	
EA1310	BOK2	Gospel Oak Jn – Kensal Green Jn	1	10	5	10	E	N	Y	E	N	N	
EA1310	KGC	Kensal Green Jn – Route Boundary (MD155) (Harlesden Jn)	0	00	0	21	E	N	Y	N	N	N	
EA1310	KGW	Kensal Green Jn – Route Boundary (MD150) (Willesden Suburban Jn)	5	10	5	25	N	N	H	N	N	N	
EA1310	BOK3	Kensal Green Jn – Willesden High Level Jn	5	10	5	48	E	N	Y	E	N	N	
EA1310	WMB	Willesden High Level Jn – Route Boundary (MD160) (Mitre Bridge Jn)	0	43	0	09	E	N	Y	N	N	N	
EA1310	BOK4	Willesden High Level Jn – Former Old Oak Jn (change of mileage)	0	00	0	34	N	N	H	E	N	N	
EA1310	BOK4	Former Old Oak Jn (change of mileage) – Acton Wells Jn (Connection EA1360)	0	34	0	66	N	N	H	E	N	N	
EA1310	BOK5	Acton Wells Jn (Connection to EA1360) – Acton Wells Jn (Connection to GW130)	0	66	0	72	N	N	H	E	N	N	

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Line of route	ELR	Line of Route / Sector Description	○○○	○○○	○○○	○○○	319	321	325	345	357	357/3	Notes
			M	Ch	M	Ch							
EA1310	AWL	Acton Wells Jn – Route Boundary (GW130) (Acton East Jn)	0	49	0	39	N	N	H	E	N	N	
EA1310	BOK5	Acton Wells Jn (Connection to GW130) – Acton Central (Limit of AC)	0	72	1	73	N	N	H	N	N	N	
EA1310	BOK5	Acton Central (Limit of AC) – South Acton Jn	1	73	2	52	N	N	H	N	N	N	
EA1310	SAR1	South Acton Jn – Gunnersbury Jn	2	52	3	12	N	N	H	N	N	N	
EA1310	SAR2	Gunnersbury Jn – Richmond	9	72	12	39	N	N	H	N	N	N	
EA1320	CRC1/2	Route Boundary (MD145) (Camden Jn) – Camden Road West Jn	5	42	5	10	E	Y	Y	N	N	N	
EA1320	BOK1	Camden Road West Jn – Camden Road Central Jn	5	10	4	64	E	Y	Y	E	N	N	
EA1320	CRF1	Camden Road Central Jn – Route Boundary (LN115) (North London Incline)	0	51	0	20	E	Y	Y	N	N	N	
EA1320	BOK1	Camden Road Central Jn – Canonbury West Jn	4	64	3	12	E	Y	Y	E	N	N	
EA1320	CFP	Canonbury West Jn – Route Boundary (LN110) (Finsbury Park)	3	12	3	20	E	Y	H	E	E	N	
EA1320	BOK1	Canonbury West Jn – Dalston Western Jn	3	12	2	21	E	Y	Y	E	E	E	
EA1320	DWW1	Dalston Western Jn - Navarino Road Jn (Change of Mileage)	2	21	1	52	N	Y	Y	E	E	E	
EA1320	DWW2	Navarino Road Jn (Change of Mileage) – Lea Jn	1	11	3	19	N	Y	Y	E	E	E	
EA1320	DWW2	Lea Jn – Channelsea North Jn	3	19	3	32	N	Y	Y	E	E	E	
EA1320	DWW2	Channelsea North Jn – Channelsea South Jn	3	32	3	33	N	Y	Y	E	E	E	
EA1320	DWW2	Channelsea South Jn – Stratford	3	33	3	74	N	N	H	N	N	N	

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Line of route	ELR	Line of Route / Sector Description	○○○	○○○	○○○	○○○	319	321	325	345	357	357/3	Notes
			M	Ch	M	Ch							
EA1325	BOK1	Limit of reversible working DNL – Network Rail Boundary (TFL ELL)	3	38	2	17	N	N	N	N	N	N	
EA1325	ELL1	Network Rail Boundary (TFL ELL) – Canal Jn (TFL Infrastructure)	2	17	5	21	N	EH R1 R2 R3 R4	N	N	EH R1 R2 R3 R4	N	R1 Can only run when authorised by Rail for London and only run or operate under Special Traffic Notice subject to any operational restrictions published within the notice R2 Prohibited North of EL264 (5M9Ch) R3 Not to exceed 25mph, 10mph on sections EL266-EL264 (UP) and EL264-Canal Jn (DN) R4 Prohibited with deflated suspension
EA1325	ELL1	Canal Jn – TFL / Network Rail Boundary (SO510) (Via Up East London Line) (TFL Infrastructure)	5	21	5	52	N	EH R1 R2 R3	N	N	EH R1 R2 R3	N	R1 Can only run when authorised by Rail for London and only run or operate under Special Traffic Notice subject to any operational restrictions published within the notice R2 Not to exceed 25mph R3 Prohibited with deflated suspension
EA1325	ELL1	Canal Jn – TFL / Network Rail Boundary (SO510) (Via Down East London Line) (TFL Infrastructure)	5	21	5	73	N	EH R1 R2 R3	N	N	EH R1 R2 R3	N	R1 Can only run when authorised by Rail for London and only run or operate under Special Traffic Notice subject to any operational restrictions published within the notice R2 Not to exceed 25mph, 5mph through station platform and 10mph on section Canal Jn-131points (DN) R3 Prohibited with deflated suspension
EA1325	ELL2	Canal Jn – Lewisham (TFL Infrastructure)	5	21	5	78	N	N	N	N	N	N	
EA1327	ELL3	Silwood Jn – ELL/Network Rail Boundary (TFL Infrastructure)	4	66	5	51	N	N	N	N	N	N	
EA1327	ELL4	ELL/Network Rail Boundary – Old Kent Road Jn (SO680)	2	23	2	32	N	N	N	N	N	N	
EA1330	BOK 5	South Acton Jn – Kew East Jn	2	52	3	27	N	N	N	N	N	N	
EA1330	NKE1	Kew East Jn – Route Boundary (SW230) (New Kew Jn)	3	27	3	39	N	N	N	N	N	N	
EA1330	BOK5	Kew East Jn – Route Boundary (SW230) (Old Kew Jn)	3	27	3	61	N	N	N	N	N	N	
EA1340	LLS2	Lea Jn – High Meads Jn	0	51	0	65	N	Y	H	E	N	N	
EA1350	CHM	Channelsea North Jn – High Meads Jn	0	00	0	15	N	Y	H	E	N	N	

Anglia Route Sectional Appendix Module AR2

Line of route	ELR	Line of Route / Sector Description	○○○	○○○	○○○	○○○	319	321	325	345	357	357/3	Notes
			M	Ch	M	Ch							
EA1350	LLS1	High Meads Jn – Temple Mills East Jn	0	15	0	59	N	Y	H	E	N	N	
EA1360	CAW	Route Boundary (LN3219) (Cricklewood Curve Jn) – Dudding Hill Jn	5	72	6	04	N	N	H	N	N	N	
EA1360	BDH	Route Boundary (LN3222) (Brent Curve Jn) – Dudding Hill Jn	0	54	1	03	N	N	H	N	N	N	
EA1360	CAW	Dudding Hill Jn – Neasden Jn	6	04	7	02	N	N	N	N	N	N	
EA1360	NJN	Neasden Jn – Route Boundary (MD715) (Neasden South Jn)	6	56	6	51	N	N	N	N	N	N	
EA1360	CAW	Neasden Jn – Acton Canal Wharf Jn	7	02	8	45	N	N	N	N	N	N	
EA1360	ACW	Acton Canal Wharf Jn – Route Boundary (MD170) (Willesden Jn)	0	35	0	11	N	N	N	N	N	N	
EA1360	CAW	Acton Canal Wharf Jn – Acton Wells Jn (Change of Mileage)	8	45	8	77	N	N	N	N	N	N	
EA1360	WAW	Acton Wells Jn (Change of Mileage) – Route Boundary (MD167) (Willesden West London Jn)	6	19	6	76	N	N	H	N	N	N	
EA1360	CAW	Acton Wells Jn (Change of Mileage) – Acton Wells Jn	0	63	0	66	N	N	H	N	N	N	
EA1370	GOJ	Gospel Oak Jn – Junction Rd Jn	0	00	0	58	N	N	H	N	N	N	
EA1370	JRT2	Junction Rd Jn – Route Boundary (LN3210) (Carlton Rd Jn)	2	42	2	38	N	N	H	N	N	N	
EA1370	TAH1	Junction Rd Jn – Harringay Park Jn	2	42	4	15	N	N	H	N	N	N	
EA1370	HPW	Harringay Park Jn – Route Boundary (LN165) (Harringay Jn)	0	25	0	14	N	N	H	N	N	N	
EA1370	TAH1	Harringay Park Jn – South Tottenham West Jn	4	15	5	65	N	N	H	N	N	N	
EA1370	TAH1	South Tottenham West Jn – South Tottenham East Jn	5	65	5	73	N	N	H	N	N	N	
EA1370	TAH2	South Tottenham East Jn – Woodgrange Park Jn	5	73	11	79	N	N	H	N	N	N	
EA1370	TAH3	Woodgrange Park Jn – Barking Station Jn	11	79	13	12	N	N	H	E	Y	Y	

Anglia Route Sectional Appendix Module AR2

Line of route	ELR	Line of Route / Sector Description	○○○	○○○	○○○	○○○	319	321	325	345	357	357/3	Notes
			M	Ch	M	Ch							
EA1370	TAH3	Barking Station Jn – Barking Tilbury Jn West	13	12	13	42	N	N	H	E	Y	Y	
EA1370	TAH4	Barking Station Jn – Barking Platform 1	13	12	13	62	N	N	H	N	N	N	
EA1380	FSS1	Fenchurch Street – Gas Factory Jn	0	00	2	57	N	Y	H	N	Y	R1 R2	R1 Prohibited Fenchurch Street platforms 1,2,3 & 4 in crush condition with deflated Suspension R2 Prohibited Limehouse Down platform in crush condition with deflated suspension
EA1380	FSS1	Gas Factory Jn – East Ham Depot	2	57	6	18	N	Y	H	E	Y	R1	R1 Prohibited Plaistow (disused) Down platform in crush condition with deflated suspension
EA1380	FSS1	East Ham Depot – Barking Tilbury Jn West	6	18	7	33	N	Y	H	E	Y	R1	R1 Prohibited East Ham (disused) Up platform in crush condition with deflated suspension
EA1380	FSS2	Barking Tilbury Jn West – Barking Tilbury Jn East	7	33	7	60	N	Y	H	E	Y	R1	R1 Prohibited Barking platform 4 in crush condition with deflated suspension
EA1380	FSS2	Barking Tilbury Jn East – Upminster	7	60	15	20	N	Y	H	N	Y	R1	R1 Prohibited Dagenham East (disused) Up platform in crush condition with deflated suspension
EA1380	FSS2	Upminster – Southend Central	15	20	35	55	N	Y	H	N	Y	R1 R2 R3 R4	R1 Prohibited Upminster Bay platform 1a in crush condition with deflated suspension R2 Prohibited Benfleet Up platform 1 in crush condition with deflated suspension R3 Prohibited Leigh-on-Sea Down platform 3 in crush condition with deflated suspension R4 Prohibited Westcliff Down platform 2 in crush condition with deflated suspension
EA1380	FSS3	Southend Central – Shoeburyness	35	55	39	40	N	Y	H	N	Y	EH R1 R2 R3	R1 Prohibited Southend Central platforms 1, 2 & 4 in crush condition with deflated suspension R2 Prohibited Southend East up platform 1 in crush condition with deflated suspension R3 Prohibited Shoeburyness platform 3 in crush condition with deflated suspension
EA1390	TLL	Barking Tilbury Line Jn East – Former Tilbury West Jn	7	60	22	06	N	Y	H	E R1	Y	EH R1 R2 R3	R1 Prohibited between Ripple Lane West Jn and Former Tilbury West Jn R2 Prohibited Dagenham Dock Up platform 1 in crush condition with deflated suspension R3 Prohibited Dagenham Dock Down platform 2 in crush condition with deflated suspension
EA1390	TLL	Former Tilbury West Jn – Pitsea Jn	22	06	32	43	N	Y	H	N	Y	EH R1 R2	R1 Prohibited Pitsea Down platform 3 in crush condition with deflated suspension R2 Prohibited Pitsea Up platform 4 in crush condition with deflated suspension

Anglia Route Sectional Appendix Module AR2

Line of route	ELR	Line of Route / Sector Description	○○○	○○○	○○○	○○○	319	321	325	345	357	357/3	Notes
			M	Ch	M	Ch							
EA1400	GFB	Gas Factory Jn – Bow Jn	2	57	3	47	N	Y	H	E	Y	Y	
EA1410	FSS2	Upminster – Upminster East Jn	15	20	15	39	N	Y	H	N	Y	N	
EA1410	UPG	Upminster East Jn – West Thurrock Jn	0	00	6	56	N	Y	H	N	Y	Y	
EA1420	THN	Thames Haven Jn – Thames Haven	26	41	30	18	N	N	N	N	N	N	
EA1430	ESK	East Suffolk Jn – Westerfield Jn	69	41	73	23	N	N	H	N	N	N	
EA1430	ESK	Westerfield Jn – Oulton Broad North Jn	73	23	116	27	N	N	N	N	N	N	
EA1440	FEL	Westerfield Jn – Felixstowe Beach Jn	73	23	83	57	N	N	H	N	N	N	
EA1440	FEL	Felixstowe Beach Jn – Felixstowe town	83	57	84	30	N	N	H	N	N	N	
EA1450	TFN	Trimley – Port of Felixstowe North Quay Terminal	0	00	0	18	N	N	N	N	N	N	
EA1460	FED	Felixstowe Beach Jn – Felixstowe Beach	83	57	86	34	N	N	N	N	N	N	
EA1470	NOL	Thorpe Jn – Limit of Electrification	0	09	0	79	N	E	Y	N	N	N	
EA1470	NOL	Limit of Electrification – Reedham Jn	0	79	12	34	N	N	H	N	N	N	

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Line of route	ELR	Line of Route / Sector Description	○○○	○○○	○○○	○○○	319	321	325	345	357	357/3	Notes
			M	Ch	M	Ch							
EA1470	NOL	Reedham Jn – Lowestoft	12	34	23	41	N	N	H	N	N		
EA1480	WHC1	Whitlingham Jn – North Walsham (End of Station Loop)	1	69	16	30	N	N	H	N	N		
EA1480	WHC1	North Walsham (End of Station Loop) – Change of Mileage (Site of Former Roughton Road Jn)	16	30	24	00	N	N	H	N	N		
EA1480	WHC2	Change of Mileage (Site of Former Roughton Road Jn) – Change of Mileage (Site of Former Runton East Jn)	11	54	13	48	N	N	H	N	N		
EA1480	WHC3	Change of Mileage (Site of Former Runton East Jn) – Cromer	45	64	46	42	N	N	H	N	N		
EA1490	CRS	Cromer Jn – Network Rail Boundary (North Norfolk Railway)	46	27	42	69	N	N	H	N	N		
EA1500	NAY	Brundall Jn – Yarmouth Via Acle	5	72	18	29	N	N	H	N	N		
EA1500	RBY	Breydon Access No24 LC (EA1510) – Yarmouth	19	13	20	45	N	N	H	N	N		
EA1510	RBY	Reedham Jn – Breydon Access No24 LC	12	34	19	13	N	N	H	N	N		
EA1520	SIZ	Saxmundham Jn – Sizewell	91	40	95	79	N	N	N	N	N		
EA1530	CCH	Coldham Lane Jn – Haughley Jn	0	23	40	49	N	N	H	N	N		
EA1540	SOB1	Chippenham Jn – Site of Former Snailwell Jn	0	63	0	00	N	N	H	N	N		
EA1540	SOB2	Site of Former Snailwell Jn – Ely Dock Jn	1	54	12	33	N	N	H	N	N		
EA1550	EWC	Ely North Jn – Ely West Jn (Ely West Curve)	71	63	72	63	N	N	H	N	N		
EA1560	EMP	Ely North Jn – Ely West Jn	71	63	72	39	N	N	H	N	N		
EA1560	EMP	Ely West Jn – Route Boundary (LN135) (Peterborough)	72	39	98	40	N	N	H	N	N		
EA1570	WIG	March East Jn – Whitemoor Jn	85	78	86	18	N	N	N	N	N		
EA1570	MWL	March West Jn – Whitemoor Jn	0	00	0	13	N	N	N	N	N		
EA1570	WIG	Whitemoor Jn – Wisbech	86	18	93	60	N	N	N	N	N		Line out of use (temporarily)
EA1580	ETN	Ely North Jn – Trowse Jn	71	72	123	00	N	N	H	N	N		
EA1744	BFC	Europa Jn – Boss Hall Jn	0	00	0	63	N	N	EH	N	N		

Table D2C – Route clearance of electric multiple units

Last Updated: 13/09/2025

To be read in conjunction with General Notes.

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	700	710	717	720/1 & /5	720/6	745	755	Notes
EA1010	LTN1	Liverpool Street platforms 1-10 – Liverpool St (L) IECC	0	00	0	22	N	Y	N	Y	Y	Y	Y	R1
EA1010	LVS	Liverpool Street platforms 11-17 – Liverpool St (L) IECC	0	00	0	22	N	N	N	R1	R2	Y	Y	R1 5-car operations only on platforms 16 & 17 R2 Class 720/6 prohibited Liverpool Street platform 18
EA1010	LTN1	Liverpool St (L) IECC – Bethnal Green East Jn	0	22	1	10	N	Y	N	Y	Y	Y	Y	
EA1010	LTN1	Bethnal Green East Jn – Mile End	1	10	2	02	N	Y	N	Y	Y	Y	Y	
EA1010	LTN1	Mile End – Bow Jn	2	02	2	74	N	Y	N	Y	Y	Y	Y	
EA1010	LTN1	Bow Jn – Carpenters Road South Jn	2	74	3	54	N	Y	N	Y	Y	Y	Y	R2
EA1010	LTN1	Carpenters Road South Jn – Stratford Central Jn West	3	54	3	70	N	Y	N	Y	Y	Y	Y	
EA1010	LTN1	Stratford Central Jn West – Stratford Central Jn East	3	70	3	75	N	Y	N	Y	Y	Y	Y	
EA1010	LTN1	Stratford Central Jn East – Forest Gate Jn	3	75	5	63	N	R1	N	Y	Y	Y	Y	R3 ECS only Stratford Station to Forest Gate Jn
EA1010	LTN1	Forest Gate Jn – Ilford Depot London End	5	63	7	63	N	E	N	Y	E	Y	Y	
EA1010	LTN1	Ilford Depot London End – Seven Kings	7	63	8	45	N	E	N	Y	E	Y	Y	
EA1011	LTN1	Seven Kings – Romford Jn	8	45	12	39	N	E	N	Y	E R1	Y	Y	R1 Prohibited Chadwell Heath to Romford
EA1011	LTN1	Romford Jn – Shenfield Jn	12	39	20	22	N	E	N	Y	N	Y	Y	

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Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	700	710	717	720/1 & /5	720/6	745	755	Notes
EA1011	LTN1	Shenfield Jn – Witham Jn	20	22	38	55	N	E R1	N	Y	N	R2	R2	R1 Prohibited Shenfield 20m 50ch to Witham Jn Prohibited Access to Siding (Yard Road) Witham PTS:2373B(TU)
EA1011	LTN1	Witham Jn – Marks Tey Jn	38	55	46	49	N	N	N	R1	N	R1	R1	R2 If stopped at signal L789 on the down main line approaching Church Street AHBC level crossing, the maximum speed of the train shall be 50mph until the front of the train is clear of the crossing
EA1011	LTN1	Marks Tey Jn – Colchester Jn	46	49	51	65	N	N	N	Y	N	Y	Y	
EA1011	LTN1	Colchester Jn – Manningtree South Jn	51	65	59	46	N	N	N	Y	N	Y	Y	
EA1011	LTN1	Manningtree South Jn – Manningtree North Jn	59	46	59	69	N	N	N	Y	N	Y	Y	
EA1011	LTN1	Manningtree North Jn – Ipswich	59	69	68	59	N	N	N	Y	N	Y	Y	
EA1012	LTN1	Ipswich – East Suffolk Jn	68	59	69	41	N	N	N	Y	N	Y	Y	
EA1012	LTN1	East Suffolk Jn – Trowse Jn (EA1013)	69	41	113	68	N	N	N	Y	N	Y	Y	
EA1013	LTN2	Trowse Jn – Trowse Swing Bridge	123	00	123	37	N	N	N	Y	N	Y	Y	
EA1013	NCW	Trowse Swing Bridge – Wensum Jn (EA1470 / ELR NOL 0m 60ch) via Through Sidings / Wensum Curve	0	00	0	28	N	N	N	Y	N	E	E	
EA1013	LTN2	Trowse Swing Bridge – Norwich	123	37	124	09	N	N	N	Y	N	Y	Y	R2
EA1020	CNS	Carpenters Rd South Jn – Carpenters Rd North Jn	1	12	0	70	N	N	N	Y	E	Y	Y	
EA1030	FGW	Forest Gate Jn – Woodgrange Park Jn	0	00	0	31	N	Y	N	Y	Y	EH R1	E	R2 Diesel operation only
EA1040	ROU	Romford – Upminster	0	00	3	30	N	Y	N	R1	N	N	N	5-car operations only
EA1050	SSV	Shenfield Jn – Southend Victoria	20	22	41	42	N	N	N	R1	N	Y	Y	Prohibited Wickford Bay platform 4
EA1060	WIS	Wickford Jn – Southminster	29	13	45	42	N	N	N	Y	N	Y	Y	
EA1070	BRA	Witham – Braintree	24	15	17	71	N	N	N	Y	N	Y	Y	R2
EA1080	SUD	Marks Tey Jn – Sudbury	45	53	58	32	N	N	N		N	H	Y	
EA1090	COC	Colchester Jn – Clacton	52	28	69	56	N	N	N	Y	N	Y	Y	
EA1100	STB	East Gate Jn – Colne Jn	53	14	53	30	N	N	N	Y	N	Y	Y	
EA1100	CTH	Hythe Jn – Colne Jn	0	22	0	00	N	N	N	Y	N	Y	Y	

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Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	700	710	717	720/1 & /5	720/6	745	755	Notes
EA1100	STB	Colne Jn – Colchester Town	53	30	53	76	N	N	N	R1	N	Y	Y	Prohibited Colchester Town single platform with crush deflated suspension
EA1110	TWN	Thorpe-Le-Soken Jn – Walton-On-Naze	65	19	70	15	N	N	N	R1 R2	N	E R3 R4	R4 R5	R1 5-car operations only R2 Prohibited last 20m of Walton-on-the-Naze single platform R3 Only leading pantograph to be raised R4 Prohibited Walton-on-the-Naze Single Platform with deflated suspension Prohibited diesel or electric triple mode
EA1120	MAH	Manningtree South Jn – Manningtree East Jn	59	35	59	67	N	N	N	Y	N	Y	Y	Prohibited Manningtree Bay platform 1 with deflated suspension
EA1120	NTE	Manningtree North Jn – Manningtree East Jn	0	00	0	24	N	N	N	Y	N	Y	Y	
EA1120	MAH	Manningtree East Jn – Harwich International Port	59	67	68	72	N	N	N	Y	N	Y	Y	
EA1120	MAH	Harwich International Port – Harwich town	68	72	70	61	N	N	N	Y	N	Y	Y	
EA1130	GRW	Halifax Jn – Griffin Wharf Boundary	0	00	0	47	N	N	N	N	N	N	N	
EA1150	CST	Channelsea South Jn – Stratford Central Jn West	0	29	0	00	N	Y	N	Y	E	Y	Y	
EA1160	BGK	Bethnal Green East Jn – Reading Lane Jn	1	10	2	55	N	Y	N	Y	N	Y	Y	
EA1160	BGK	Reading Lane Jn – Hackney Downs North Jn	2	55	3	04	N	Y	N	Y	N	Y	Y	
EA1160	BGK	Hackney Downs North Jn – Coppermill Jn	3	04	4	74	N	Y	N	Y	N	Y	Y	
EA1160	BGK	Coppermill Jn – Tottenham South Jn	4	74	5	41	N	Y	N	Y	N	Y	Y	
EA1160	BGK	Tottenham South Jn – Bishops Stortford (Cannons Mill Lane Footpath LC (R/G-X))	5	41	31	31	N	R1	N	Y	N	R3	R2	R1 ECS only Cheshunt Station to Broxbourne (north end of loops) R2 Prohibited Broxbourne (north end of loops) to Bishops Stortford (Cannons Mill Lane Footpath LC (R/G-X)) R3 Prohibited Access to Tamper Sidings PTS:2628B Bishops Stortford

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Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	700	710	717	720/1 & /5	720/6	745	755	Notes
EA1161	BGK	(Cannons Mill Lane Footpath LC (R/G-X) Stansted Mountfitchet – Shepreth Branch Jn	31	31	53	06	N	N	N	Y	N	Y	Y	
EA1161	BGK	Shepreth Branch Jn – Ely Dock Jn	53	06	69	79	R1	N	R2 R3	Y	N	Y	Y	R1 See Sectional Appendix Local Instructions R2 Prohibited between Cambridge and Ely Dock Jn R3 Prohibited Cambridge platform 5 with deflated secondary suspension
EA1161	BGK	Ely Dock Jn – Ely North Jn	69	79	71	68	R1	N	N	R2	N	R3	R4	R1 See Sectional Appendix Local Instructions R2 5-car operations only Ely to Ely North Jn R3 Prohibited Ely to Ely North Jn except for test purposes R2 Prohibited diesel or electric triple mode Ely to Ely North Jn
EA1162	BGK	Ely North Jn – Kings Lynn	71	68	96	75	R1	N	N	R2	N	R3	R4	R3 See Sectional Appendix Local Instructions R4 5-car operations only R5 Prohibited except for test purposes R6 Prohibited diesel or electric triple mode
EA1170	HDT	Hackney Downs North Jn – Seven Sisters Jn	3	04	5	70	N	Y	N	Y	N	Y	Y	
EA1170	HDT	Seven Sisters Jn – Bury Street Jn	5	70	9	20	N	Y	N	Y	N	Y	Y	R1
EA1170	ENT	Bury Street Jn – Enfield Town	9	20	10	55	N	Y	N	R1	N	EH	EH	R1 5-car operations only R2 Diesel operation only
EA1180	GRE	Reading Lane Jn – Navarino Road Jn (Graham Rd Curve)	2	55	2	79	N	E	N	E	N	EH	E	Diesel operation only
EA1190	HDT	Bury Street Jn – Cheshunt Jn	9	20	14	28	N	Y	N	Y	N	Y	Y	
EA1200	CJC	Clapton Jn – Chingford	4	37	10	33	N	Y	N	R1	N	EH	E	R1 5-car operations only R2 Prohibited Transfer between Up Chingford and Down Chingford on PTS:2700B R3 Diesel operation only

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Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	700	710	717	720/1 & /5	720/6	745	755	Notes
EA1320	BOK1	Camden Road West Jn – Camden Road Central Jn	5	10	4	64	E R1	Y	N	E	E R2	E R3 R4	E R4 R5	R1 Prohibited Up East London and Down East London lines R2 5-car operations only R3 Only leading pantograph to be raised R4 Prohibited Use of PTS:NL603B (Down) R5 Single unit only in electric mode
EA1320	CRF1	Camden Road Central Jn – Route Boundary (LN115) (North London Incline)	0	51	0	20	E	E	N	N	N	E R1	E R2	R1 Only leading pantograph to be raised Single unit only in electric mode
EA1320	BOK1	Camden Road Central Jn – Canonbury West Jn	4	64	3	12	E R1	Y		E	E R2	E R3	E R4	R2 Prohibited Up East London and Down East London lines R3 5-car operations only R4 Only leading pantograph to be raised R5 Single unit only in electric mode
EA1320	CFP	Canonbury West Jn – Route Boundary (LN110) (Finsbury Park)	3	12	3	20	E	E	E	E	E R1	E R2	E R3	R1 5-car operations only R2 Only leading pantograph to be raised Single unit only in electric mode
EA1320	BOK1	Canonbury West Jn – Dalston Western Jn	3	12	2	21	E R1	Y	E	E	E R2	E R3	E R4	R2 Prohibited Up East London and Down East London lines R3 5-car operations only R4 Only leading pantograph to be raised R5 Single unit only in electric mode
EA1320	DWW1	Dalston Western Jn - Navarino Road Jn (Change of Mileage)	2	21	1	52	E	Y		E	E	E R2	E R1	R1 Single unit only in electric mode R3 Only leading pantograph to be raised
EA1320	DWW2	Navarino Road Jn (Change of Mileage) – Lea Jn	1	11	3	19	E	Y		E	E	E R1	E R2	R1 Only leading pantograph to be raised R2 Single unit only in electric mode
EA1320	DWW2	Lea Jn – Channelsea North Jn	3	19	3	32	N	Y		E	E	E R1	E R2	R1 Only leading pantograph to be raised R1 Single unit only in electric mode
EA1320	DWW2	Channelsea North Jn – Channelsea South Jn	3	32	3	33	N	Y		Y	E	Y	Y	R1
EA1320	DWW2	Channelsea South Jn – Stratford	3	33	3	74	N	Y						
EA1325	BOK1	Limit of reversible working DNL – Network Rail Boundary (TFL ELL)	3	38	2	17	N							

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Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	700	710	717	720/1 & /5	720/6	745	755	Notes
EA1325	ELL1	Network Rail Boundary (TFL ELL) – Canal Jn (TFL Infrastructure)	2	17	5	21	N	R1						R6 Prohibited Westburne Road Jn (including Transfer Track) to Canal Jn
EA1325	ELL1	Canal Jn – TFL / Network Rail Boundary (SO510) (Via Up East London Line) (TFL Infrastructure)	5	21	5	52	N							R1
EA1325	ELL1	Canal Jn – TFL / Network Rail Boundary (SO510) (Via Down East London Line) (TFL Infrastructure)	5	21	5	73	N							R6
EA1325	ELL2	Canal Jn – Lewisham (TFL Infrastructure)	5	21	5	78	N							
EA1327	ELL3	Silwood Jn – ELL/Network Rail Boundary (TFL Infrastructure)	4	66	5	51	N							
EA1327	ELL4	ELL/Network Rail Boundary – Old Kent Road Jn (SO680)	2	23	2	32	N							
EA1330	BOK 5	South Acton Jn – Kew East Jn	2	52	3	27	N							
EA1330	NKE1	Kew East Jn – Route Boundary (SW230) (New Kew Jn)	3	27	3	39	N							
EA1330	BOK5	Kew East Jn – Route Boundary (SW230) (Old Kew Jn)	3	27	3	61	N							
EA1340	LLS2	Lea Jn – High Meads Jn	0	51	0	65	N	E		E	E	EH	E R1	Diesel operation only
EA1350	CHM	Channelsea North Jn – High Meads Jn	0	00	0	15	N	Y		Y	E	Y	Y	
EA1350	LLS1	High Meads Jn – Temple Mills East Jn	0	15	0	59	N	E		Y	E	Y	Y	
EA1360	CAW	Route Boundary (LN3219) (Cricklewood Curve Jn) – Dudding Hill Jn	5	72	6	04	N							
EA1360	BDH	Route Boundary (LN3222) (Brent Curve Jn) – Dudding Hill Jn	0	54	1	03	N							
EA1360	CAW	Dudding Hill Jn – Neasden Jn	6	04	7	02	N							
EA1360	NJN	Neasden Jn – Route Boundary (MD715) (Neasden South Jn)	6	56	6	51	N							
EA1360	CAW	Neasden Jn – Acton Canal Wharf Jn	7	02	8	45	N							