

NETWORK RAIL

Anglia Route

AR

Week No.

49

PERIODICAL OPERATING NOTICE

CONTAINING

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

INCORPORATING

SUPPLEMENT NO. 70 TO THE ANGLIA ROUTE
SECTIONAL APPENDIX

SATURDAY 01 MARCH 2025
to
FRIDAY 06 JUNE 2025
Inclusive

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

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

This notice comprises of 32 pages

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

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ACKNOWLEDGEMENT SLIP

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

I, the undersigned, acknowledge receipt of the Periodical Operating Notice and Supplement No. 70 to the Anglia Route Sectional Appendix effective from Saturday 01 March 2025 to Friday 06 June 2025

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

Full Name (in capitals): _____

Signature (in full): _____

Location: _____

Date: _____

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Introduction

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

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

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

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

Supplement to the Sectional Appendix

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

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

The Supplement is identified as Supplement No. 70 and is dated 01 March 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

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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 **01 March 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	
	No change to previous amendments

Part C - New amendments to National Operations Publications

GERT8000 Rule Book

No new amendments

I

Part D - Previous amendments to National Operations Publications

GERT8000 Rule Book

Handbook RS523 GSM-R Handbook

8 Broadcast calls

Explanation of change

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

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

8.4 Acknowledged (safety) broadcast calls

Safety broadcast calls are used to reach a clear understanding by using non verbal acknowledgement.

After listening to the message in its entirety and after the call has been terminated the driver acknowledges their understanding of the message by pressing the **ST** button.

Uses for safety broadcasts

Safety broadcast calls can be used for the following scenarios.

- Poor rail conditions.
- Animals on the line (Not tunnels).
- Defective Emergency Indicators.
- Missing or obscured Temporary Speed Restriction (TSR) board.
- Unusual events (Not Track or Signalling).

Scripts for safety broadcasts

The following scripts set out the content of a pre-recorded safety broadcast:

Poor rail conditions

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

*Delete as appropriate.

Animals on or near the line

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

*Delete as appropriate.

Defective Emergency Indicators

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

Missing or obscured TSR board

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

*Delete as appropriate

** Insert name or location.

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

Unusual events

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

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

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

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
G1 General safety responsibilities and personal track safety for non-track workers	5.3 5.6	Amend 'pilotman' to 'pilot'
T3 ERTMS Possession of an ERTMS running line for engineering work where lineside signals are not provided.	7.2	Amend 'pilotman' to 'pilot'
TS3 Absolute block regulations	9.1 9.2.2 9.2.4 9.5	Amend 'pilotman' to 'pilot'
TS4 Electric token block regulations	2.2 8.1.1 8.2.1 8.6.1	Amend title of module P2 to read ' <i>Working single and bi-directional lines by pilot</i> '.
TS4 Electric token block regulations	8.1.1 8.1.2 8.2.1 8.2.2 8.2.3 8.5 8.6.1 8.6.2 8.7 8.8	Amend 'pilotman' to 'pilot'

TS5 Tokenless block regulations	8.1 8.2	Amend title of module P2 to read ' <i>Working single and bi-directional lines by pilot</i> '
TS5 Tokenless block	8	Amend 'pilotman' to 'pilot'

regulations	8.1 8.2 8.3 8.4 8.5 8.5.2	
TS7 No-signaller token regulations	2.2 8.1.1 8.2.1 8.3.1	Amend title of module P2 to read ' <i>Working single and bi-directional lines by pilot</i> '
TS7 No-signaller token regulations	3.1 8.1.1 8.1.2 8.2.1 8.2.2 8.2.3 8.3.1 8.3.2 8.4	Amend 'pilotman' to 'pilot'
TS8 One-train working regulations	8.1 8.4.1	Amend title of module P2 to read ' <i>Working single and bi-directional lines by pilot</i> '
TS8 One-train working regulations	3.1 3.2 8 8.1 8.2 8.3 8.4.1 8.4.2	Amend 'pilotman' to 'pilot'
Handbook 5 Handsignalling duties	4 6.1	Amend 'pilotman' to 'pilot'

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

Explanation of change

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

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

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

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

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

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

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

You must also:

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

3.5 Safe system of work (separated)

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

You must also:

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

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

Module TS1 General signalling regulations

Explanation of change

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

12.1 When this general signalling regulation must be used

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

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

Handbook RS524 List of Dangerous Goods and their United Nations numbers

Table 1

Explanation of change

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

Amend: the following as shown:

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

Add: the following new entries:

UN Number	Substance	Dangerous Goods Class	Subsidiary Hazard(s)	Packing Group
3551	Sodium ion batteries with organic electrolyte	9		
3552	Sodium ion batteries contained in equipment or sodium ion batteries packed with equipment, with organic electrolyte	9		
3553	Disilane	2.1		
3554	Gallium contained in manufactured articles	8		
3555	Trifluoromethyltetrazole-sodium salt in acetone, with not less than 68% acetone, by mass	3		II
3556	Vehicle, lithium ion battery powered	9		
3557	Vehicle, lithium metal battery powered	9		
3558	Vehicle, sodium ion battery powered	9		
3559	Fire suppressant dispersing devices	9		
3560	Tertramethylammonium hydroxide aqueous solution with not less than 25% tetramethylammonium hydroxide	6	8	I

Part E - Amendments summary

GERT8000 Rule Book

Module, Issue and Section amended	Number	Published
Handbook RS523 GSM-R Handbook, Issue 1, Section 8.4	02/18	June 2018
Various modules and handbooks	01/22	December 2022
Various modules and handbooks	02/22	December 2022
Handbook RS524 List of Dangerous Goods and their United Nations numbers, issue 1, table 1	03/23	March 2023
GERT8000-HB9, issue 8, IWA or COSS setting up safe systems of work within possessions, sections 3.3 to 3.5	01/24	December 2024
GERT8000-TS1, issue 18, General signalling regulations, regulation 12.1	02/24	December 2024
Handbook RS524 List of Dangerous Goods and their United Nations numbers, issue 1, table 1	03/24	December 2024

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 06533 05 06546 05 06547	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	005 3834	01223 453834	N/A
Foxton Crossing	005 3698	01223 453698	N/A
Ingatestone Crossing	005 6142	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	005 5216	01223 455216	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	005 5304	01223 455304	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/Hertford 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)	005 6594	01708 256594	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

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Rule Book Module SP Section 3 – Temporary Speed Restriction (TSR)

Trial introducing a new sign similar in its appearance and specification to the existing 'T' indicator but bearing the letter 'A' meaning 'accelerate' located underneath the 'T' indicator for the temporary speed restriction.

During the trial the Driver will be able to accelerate when the front of the train reaches the 'A' and 'T' indicators. Where the 'A' indicator is not visible the Driver will comply with Rule Book module SP and accelerate when the rear of the train passes the 'T' indicator.

During the trial the 'A' indicator may be removed and the trial suspended if:

- • an ESR is imposed over the same section of line,
- • where there is a consecutive TSR after the trial location or
- • where a complex TSR is introduced.

The trial involves the following level crossings:

EA1012 Ipswich to Trowse Jn.

Between Needham Market and Stowmarket

- **Gypsy Lane FP LC – Down Main 77m 64ch**

EA1580 Ely North Jn to Trowse Jn

Between Thetford and Harling Road

- **Croxton AHB LC – 96m 44ch**

Between Spooner Row and Wymondham

- **Park Lane FP LC – 113m 34ch**

ARCHIVED Anglia Route GI - Dated: 07/12/24

Rule Book Module TS1 - General signalling regulations

Section 13 - Safety of personnel

Engineers Possession Reminders

EPR is authorised to be used as additional protection to protect line blockages in axle counter fitted in the Locations listed below

The COSS/SWL/PC must reach a clear understanding with the signaller as to the exact limits of the line blockage. The signaller is responsible for identifying the track sections where EPR will be applied as additional protection to protect the work.

EA1580 - Ely North Jn to Trowse Jn

EPR Protection can be taken with Thetford Work Station

Anglia Route GI - Dated: 26/03/22

Class 755 Changeover Protection System

In the event of a pantograph automatically lowering on a Class 755, the Driver must ascertain the cause from the Train Control Management System (TCMS). The Driver must inform the Signaller of the reason for the pantograph lowering, who must relay this information to Operations Control.

If the Changeover Protection system has operated:

- The Driver must confirm all pantographs are correctly lowered.
- The train may be allowed to continue normally.
- There is no requirement to examine the overhead line equipment.
- Normal working may be resumed.
- Notify Operations Control.

If the ADD has operated or may have operated, the normal requirements of the Rule Book apply:

•AC/12 - Driver's instructions following a loss of line light, ADD operation, tripping or damage to the OLE.

•AC/13 - Signaller's instructions following a report of a defect or tripping of the OLE.

Engineers Possession Reminders

EPR is authorised to be used as additional protection to protect line blockages in axle counter fitted in the Locations listed below

The COSS/SWL/PC must reach a clear understanding with the signaller as to the exact limits of the line blockage. The signaller is responsible for identifying the track sections where EPR will be applied as additional protection to protect the work.

EA1580 - Ely North Jn to Trowse Jn

EPR Protection can be taken with Thetford Work Station

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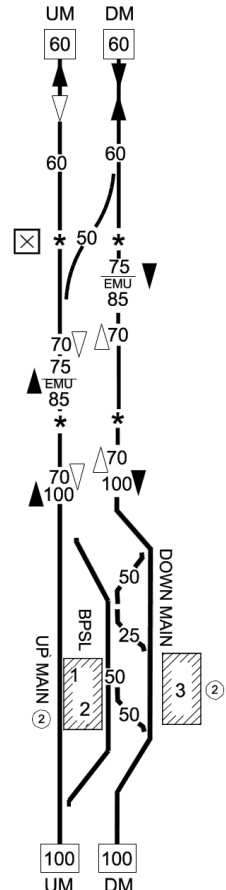
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EA1011	010	Seven Kings to Ipswich		LTN1	CDY	Anglia	04/11/2023
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Margaretting (UWC) LC (R/G)		25 30 *				<div>TCB RA8</div> <div>Liverpool St IECC (L) Witham workstation AC: Romford</div> <div>GSM-R</div> <div>UM, HABD in rear of signal L726 at 25m 41ch Instruction in section 1 applies at Maldon Road (Bridge 143) at 25m 78ch</div> <div>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)</div> <div>DPL 256m (280yds) PF</div>	
		29 27 *					
CHELMSFORD		29 60					
		30 20					

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
EA1011	011	Seven Kings to Ipswich		LTN1	Anglia	29/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Arbour Lane Crossover		30 30 30 32 *			<div> <div>TCB RA8</div> <div>Liverpool St SDC (L) Witham workstation AC: Romford</div> <div>GSM-R</div> </div> <p>UM - Up Main DM - Down Main BPSL - Beaulieu Park Station Loop</p> <p>LOD(P) Up line only (Arbour Lane/ Chelmsford) at 30m 30ch</p>	
Beaulieu South Junction		32 03			LOD(T) Provided in the Beaulieu Park Station Area	
BEAULIEU PARK		32 30			② Beaulieu Park Station still under construction	
Beaulieu North Junction		32 65				

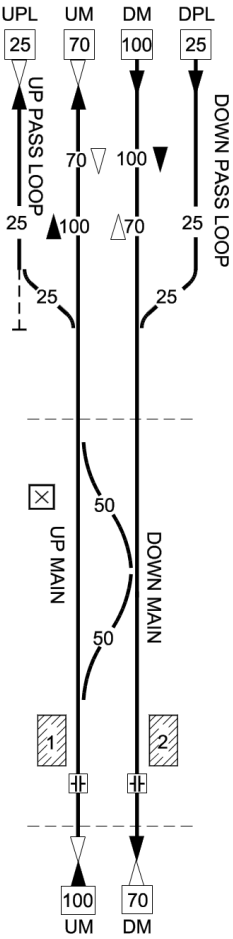

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
EA1011	012	Seven Kings to Ipswich		LTN1	Anglia	29/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
OHNS		33 06			<div> <div>TCB RA8</div> <div>Liverpool St SDC (L) Witham workstation AC: Romford</div> <div>GSM-R </div> </div> <p>UM - Up Main DM - Down Main</p> <p>① Old Brickhouse Crossover S & C equipment clipped & Scotched Out of use with a temporary instruction on Witham Workstation</p> <p>Up Platform - 250m (271yds) Down Platform - 250m (271yds)</p>	
		35 74				
HATFIELD PEVEREL						

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
EA1011	013	Seven Kings to Ipswich		LTN1 BRA	Anglia	02/01/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
OHNS		38 12			<div>TCB RA8</div> <div>Liverpool St SDC (L) Witham workstation AC: Romford</div> <div>GSM-R</div> <div>DM - Down Main UM - Up Main DPL - Down Passenger Loop UPL - Up Passenger Loop</div> <div>General instruction applies at Blunts Hall Road (Bridge 174) at 37m 65ch LOD(P) (Witham/Brick House crossovers) at 38m 30ch</div> <div>Platform 1 - 250m (271yds) PP-A Platform 2 - 249m (270yds) Platform 3 - 252m (274yds) Platform 4 - 250m (272yds) PP-A</div> <div>UPL 263m (287yds) DPL 269m (294yds)</div>	
WITHAM		38 34				
		38 47				
Witham Jn		38 55				

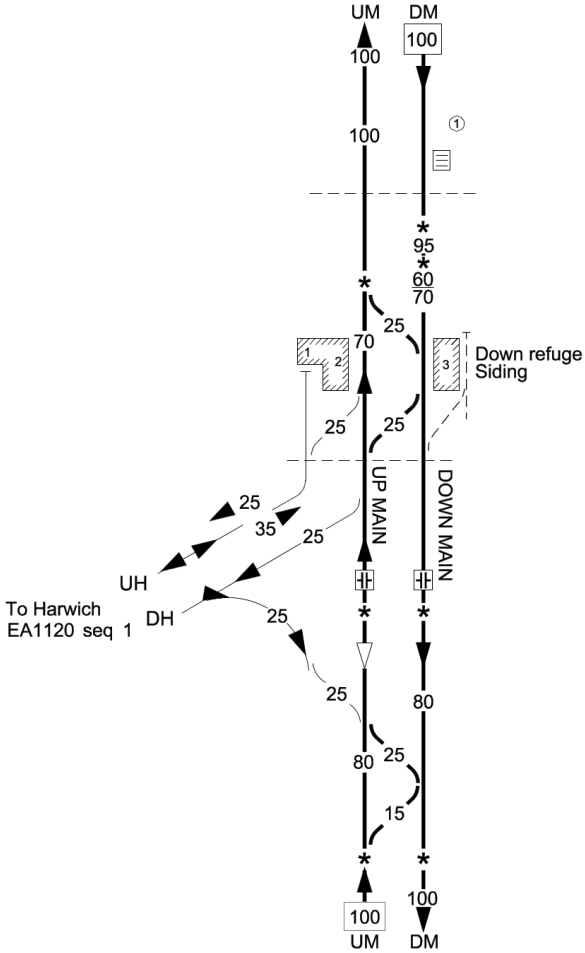
Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
EA1011	014	Seven Kings to Ipswich		LTN1	Anglia	08/06/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Church Street LC (AHBC-X)		41 57			<div> <div>TCB RA8</div> <div>Liverpool St SDC (L) Witham workstation AC: Romford</div> <div>GSM-R </div> </div> <p>UM - Up Main DM - Down Main UPL - Up Passenger Loop DPL - Down Passenger Loop</p> <p>General instruction applies at Oak Road, (Rivenhall) (Bridge 187) at 39m 77ch</p> <p>LOD (P) (Kelvedon/Witham) at 41m 73ch</p> <p>General instruction applies at the following bridges: Station Road, Kelvedon (Bridge 187) at 42m 22ch Feering Road, (Bridge 189) at 43m 00ch</p> <p>Up Platform - 249m (270yds) Down Platform - 257m (277yds)</p>	
KELVEDON		42 21				
OHNS		43 50				
Hill House 2 LC (FPG)		44 05				

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1011	015	Seven Kings to Ipswich	LTN1 SUD	Anglia	21/12/2024
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
Church 1 LC (FPS)	46 06		<div>TCB RA8</div> <div>Liverpool St SDC (L) Witham workstation AC: Romford</div> <div>GSM-R</div> <div>UM - Up Main DM - Down Main</div> <div>LOD (P) (Marks Tey/Kelvedon) at 46m 32ch</div> <div>Up platform - 177m (191yds) Down platform - 228m (246yds) Sudbury platform - 50m (55yds)</div> <div>LOD(P) Down and Up Mains, Up Goods (Marks Tey/Colchester) at 46m 57ch</div> <div>MPCO (See General Instructions)</div> <div>UPL 468m (511yds)</div> <div>Marks Tey Up Passenger Loop PP-A (Class 5 empty coaching stock only), Down direction only</div> <div>LOD(P) Down and Up Mains, Up Goods (Marks Tey/Colchester) at 47m 63ch</div> <div>Colchester SB (CO) Colchester workstation</div> <div>LOD(P) Down and Up Mains, Up Goods (Marks Tey/Colchester) at 49m 42ch</div>		
MARKS TEY	46 49				
Marks Tey Jn	46 56				
MPCO Zone Commencement DM	46 75				
MPCO Zone Commencement UM	47 59				
Chitts Hill LC (CCTV)	49 41				

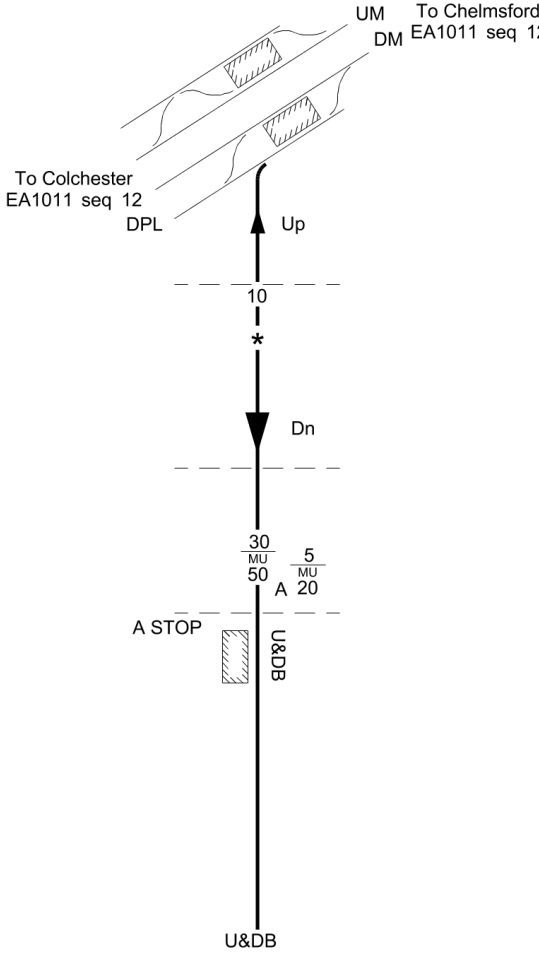
Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated	
EA1011	018	Seven Kings to Ipswich			LTN1 MAH NTE	Anglia	01/02/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks		
Ardleigh GSP		56 00			<div><div>TCB RA8</div><div>Colchester SB (CO) Colchester workstation AC: Romford</div></div> <div>GSM-R</div> <div>UM - Up Main DM - Down Main UH - Up Harwich DH - Down Harwich</div> <div>① S&C Removed & GSP signed Out of Use</div> <div>General instruction applies at Dedham Road (Bridge 223) at 58m 27ch</div> <div>Platform 1 - 108m (117yds) Platform 2 - 245m (265yds) Platform 3 - 245m (265yds)</div> <div>General instruction applies at Ipswich Road (Bridge 226) at 59m 42ch</div>		
Ardleigh LC (CCTV)		56 04					
		57 46 *					
		58 74 *					
		59 20 *					
MANNINGTREE		59 35					
Manningtree South Jn. LC (CCTV)		59 46					
OHNS		59 47					
		59 60 *					
Manningtree North Jn		59 69					
		60 30 *					

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1011	019	Seven Kings to Ipswich	LTN1 GRW	Anglia	02/01/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Bentley LC (AHBC-X)		63 07			<div>TCB RA8</div> <div>Colchester SB (CO) Colchester workstation AC: Romford</div> <div>GSM-R</div> <div>Colchester SB (CO) Ipswich panel</div> <div>UM - Up Main DM - Down Main ULD - Up Lowestoft Down</div>
Halifax Jn		67 67 67 74 *			
Ipswich Tunnel (361 yards)		68 17 *			
		68 31 * 68 47			FWS on both lines through tunnel General instruction for broken rails applies at Ipswich tunnel
		68 48 *			
IPSWICH		68 59 68 70 *			<div>Platform 1 - 95m (103yds) PP</div> <div>Platform 2 - 245m (265yds) PP</div> <div>Platform 3 - 245m (265yds) PP</div> <div>Platform 4 - 245m (265yds) PP</div>
			Continued on EA1012 seq 01		

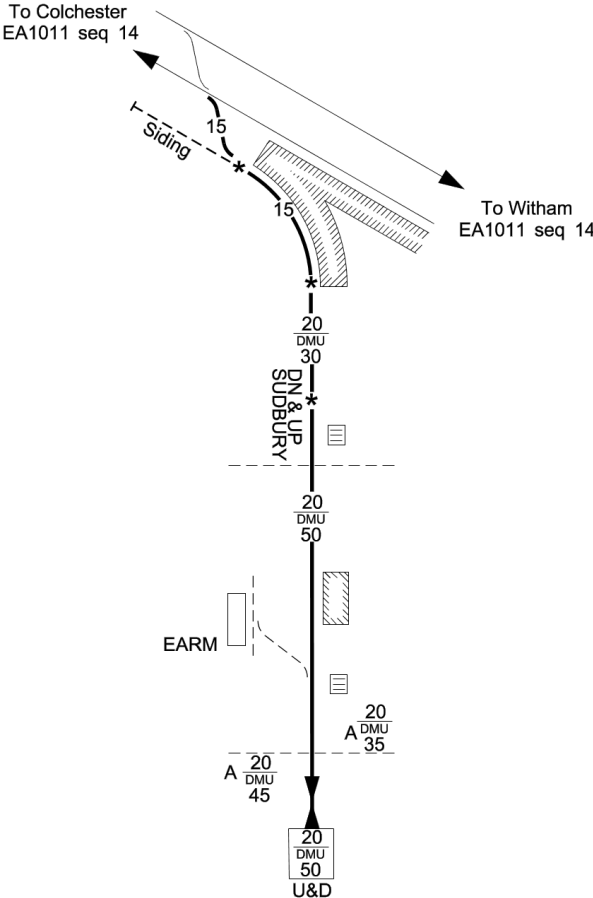
Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
EA1070	001	Witham Jn to Braintree		BRA LTN1	Anglia	20/08/2022
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Witham Jn		(38 55) 24 15			<div> <div>TCB RA6</div> <div>Liverpool St IECC (L) Witham workstation AC: Romford</div> </div> <div>GSM-R</div> <div>Note: Miles and chains are distances from Bishop's Stortford</div> <div>U&DB - Up & Down Braintree UM - Up Main DM - Down Main DPL - Down Passenger Loop</div>	
Cut Throat Lane LC (R/G)		24 05 23 75 *				
Essex Way LC (FP)		21 49				
White Notley LC (ABCL)		21 11				
WHITE NOTLEY		21 10			Platform - 249m (272yds)	

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
EA1070	002	Witham Jn to Braintree			BRA	Anglia	01/02/2025
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
			<p style="text-align: center;">U&DB</p>			<div> <div>TCB RA6</div> <div>Liverpool St IECC (L) Witham workstation AC: Romford</div> <div>GSM-R </div> </div> <p>U&DB - Up & Down Braintree</p> <p>Platform - 178m (192yds)</p> <p>Platform - 166m (181yds)</p> <p>Platform - 247m (270yds)</p>	
CRESSING		20 00					
Cressing LC (ABCL)		19 75					
Raffels LC (FPS)		19 54					
Cousins No.2 LC (UWC R/G)		19 18	T				
Cousins No1 LC (FPS)		19 07					
BRAINTREE FREEPORT		18 54					
		18 27 *					
		18 12 *					
BRAINTREE		17 71					

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LOR	Seq.	Line of Route Description		ELR		Route	Last Updated			
EA1080	001	Marks Tey Jn to Sudbury				SUD LTN1	Anglia	18/12/2024		
Location		Mileage M Ch	Running lines & speed restrictions				Signalling & Remarks			
Marks Tey Jn Mainline points		46 56					TCB RA6		Liverpool St IECC (L) Witham workstation	GSM-R
Marks Tey Jn		46 53								
MARKS TEY		46 57 *								
		46 59								
		46 62 *								
		46 66 *								
Marks Tey GF		47 43								
Church House Farm LC (UWC-R/G)		47 50								
CHAPPEL & WAKES COLNE		50 18								
Museum GF		50 26								
Mount Bures LC (ABCL)		52 61								
							Platform - 50m (55yds)			
							OTNS Marks Tey (L868 Signal at 46m 61ch) to Sudbury			
							Platform - 107m (116yds)			
							EARM-East Anglia Railway Musuem			

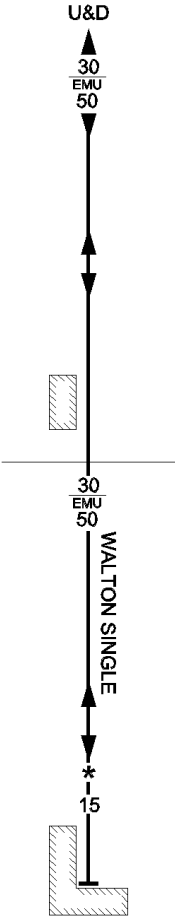

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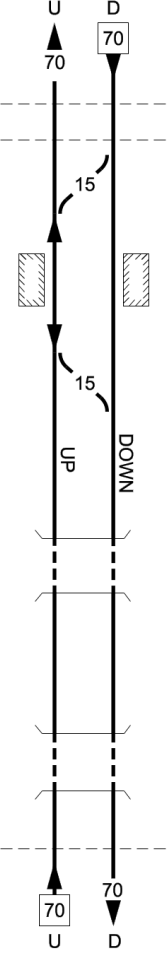

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR		Route	Last Updated
EA1110	001	Thorpe-Le-Soken Jn to Walton-On-Naze	TWN	COC	Anglia	21/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Thorpe-Le-Soken Jn		65 19 65 20 *			<div> <div>TCB RA7</div> <div>Colchester SB (CO) Thorpe le Soken workstation AC: Romford</div> </div> <div>GSM-R</div> <div> <div>UC - Up Clacton</div> <div>DC - Down Clacton</div> <div>WS - Walton Single</div> <div>DW - Down Walton</div> <div>UW - Up Walton</div> </div> <div> <div>Platforms - 171m (187yrd)</div> <div>(Down Platform Down direction - 167m (182yrd) due to Signal location on platform)</div> </div>	
Pork Lane LC (AHBC)		66 65				
Nursery LC (UWC)		67 32	<div>T</div>			
KIRBY CROSS		67 55				
Kirby Cross Statin LC (FPW)		67 56				

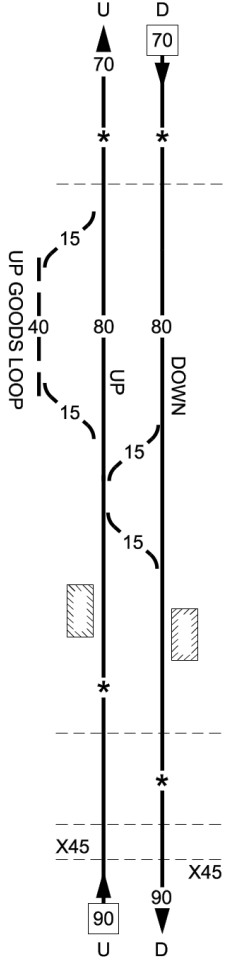

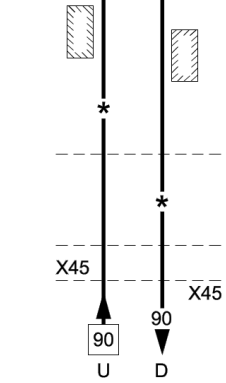
Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
EA1110	002	Thorpe-Le-Soken Jn to Walton-On-Naze		TWN	Anglia	06/06/2015
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
FRINTON-ON-SEA					<div>TCB Colchester SB (CO)</div> <div>RA7 Thorpe le Soken workstation</div> <div>AC: Romford</div> <div>GSM-R </div> <div>Platform - 178m (194 yd)</div> <div>Platform - 177m (193yd)</div>	
		68 66				
		Frinton LC (CCTV)				
		68 76				
WALTON-ON-THE-NAZE		70 05 *				
		70 15				

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LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
EA1161	003	Bishops Stortford to Ely North Jn		BGK	Anglia	21/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Windmills LC (FPS)		41 26			<div>TCB RA8</div> <div>Cambridge SB (CA) AC: Romford</div> <div>GSM-R </div>	
Trees LC (CCTV)		41 31				
AUDLEY END		41 55			Up platform - 248m (268yd) Down platform - 248m (268yd)	
Audley End Tunnel (456 yards)		42 70 to 43 11			General instruction for broken rails applies at Audley End & Littlebury Tunnels	
Littlebury Tunnel (407 yards)		43 27 to 43 46				
Littlebury Gate House LC (FPW)		43 60				

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LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
EA1161	004	Bishops Stortford to Ely North Jn		BGK	Anglia	07/02/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Fairheads LC (R/G) (UWC)		43 50 *			<div>TCB RA8</div> <div>Cambridge SB (CA) AC: Romford</div> <div>GSM-R </div> <div>UGL 512m (560yds) PF</div> <div>Up platform - 167m (180yd) Down platform - 167m (180yd)</div> <div>General instruction applies at Ickleton Rd bridge (1530) at 45m 76ch</div>	
		45 06				
GREAT CHESTERFORD		45 56			<div>Up platform - 167m (180yd) Down platform - 167m (180yd)</div> <div>General instruction applies at Ickleton Rd bridge (1530) at 45m 76ch</div>	
Ickleton Rd LC (CCTV)		45 60 *				
		45 75				
Kings LC (UWC)		46 20 *				
Ickleton Mill Lane LC (FPW) (R/G)		46 36				
		46 65				

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1161	007	Bishops Stortford to Ely North Jn	BGK	Anglia	06/01/2025
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
Shepreth Branch Jn	53 32		<div>TCB RA8</div> <div>Cambridge SB (CA) AC: Romford</div> <div>GSM-R</div> <div> </div>		
	53 33 *		HABD Down Main line, near signal at 53m 10ch OUT OF USE		
	53 38 *		② S & C Equipment Clipped and Padlocked Out of Use Until Further Notice		
	54 12		① New Cambridge South Station platforms under construction		
	54 28 *		Down Slow Loop 729m (798yds)		

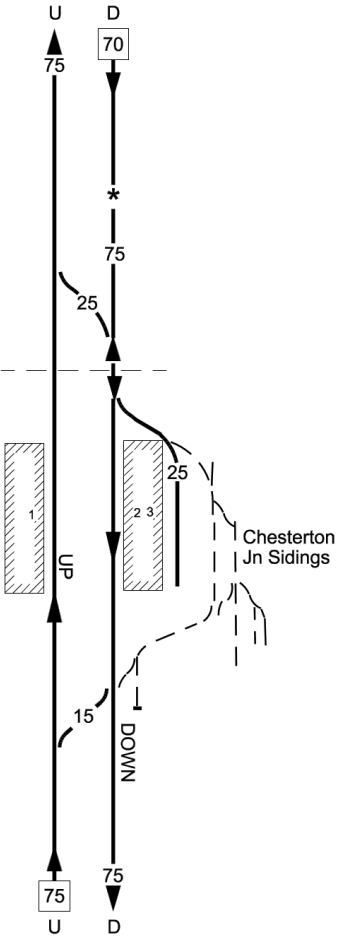
Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1161	008	Bishops Stortford to Ely North Jn	BGK	Anglia	06/01/2025
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
Cambridge (CA) SB	55 20 *		<div>TCB RA8</div> <div>Cambridge SB (CA) AC: Romford</div> <div>GSM-R</div> <p>⑤ S&C equipment Clipped and Padlocked Out Of use Until Further Notice. Shunt Spur extension beyond the existing Buffer Stop to remain Out Of Use Until Further Notice</p> <p>① Reception South ② Post Office Ladder</p> <p>Platform 1 - 255m (278 yd) PP-A Platform 2 - 207m (224 yd) PP Platform 3 - 166m (179 yd) PP Platform 4 - 260m (284.3 yd) PP-A Platform 5 - 121m (132 yd) PP Platform 6 - 145m (157 yd) PP Platform 7 - 270m (295 yd) PP-A Platform 8 - 270m (295 yd) PP-A</p> <p>③ Reception North ④ Fletchers Terrace Ladder</p> <p>P7 - Platform 7 line</p>		
	55 30 *				
	55 35				
CAMBRIDGE	55 52				

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LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
EA1161	009	Bishops Stortford to Ely North Jn		BGK	Anglia	13/12/2021
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Coldham Lane Jn		56 03 *			<div>TCB RA8</div> <div>Cambridge SB (CA) AC: Romford</div> <div>GSM-R</div> <p>P7 - Platform 7 line</p> <p>④ Fletchers Terrace Ladder</p> <p>⑤ Chisholm Line</p> <p>⑥ Bypass Road</p> <p>⑦ Cavendish Road Ladder</p> <p>⑧ Wash Road</p> <p>⑨ Coldham Lane Ladder</p> <p>DGL 570m (623yds) PF</p>	
		56 51				

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LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
EA1161	010	Bishops Stortford to Ely North Jn		BGK	Anglia	27/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
		57 10 *			<div>TCB RA8 Cambridge SB Panel B (CA)</div> <div>GSM-R</div> <div>Cambridge SB Workstation 3 (CA)</div> <div>Platform 1 - 254m (278 yd) Platform 2 - 254m (278yd) Platform 3 - 254m (278 yd) PP</div>	
Chesterton LC (CCTV)		57 54				
Chesterton Jn		57 56				
CAMBRIDGE NORTH		57 75				

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1161	011	Bishops Stortford to Ely North Jn	BGK	Anglia	28/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
OHNS		58 71			<div>TCB RA8</div> <div>Cambridge SB (CA) AC: Romford</div> <div>GSM-R</div> <p>① All movements proceeding from the Up Main to the Down Main through the Waterbeach GSP crossover must not proceed at more than 15 m.p.h. until clear of Burgess Drove LC (R/G-X)</p> <p>Up platform - 167m (183 yds)</p> <p>Down platform - 167m (183 yds)</p>
Milton Fen LC (AHBC)		59 10			
Wilsons LC (UWC)		59 30			
Goodens No 1 LC (UWC)		59 40			
Waterbeach GSP		60 78			
Waterbeach LC (AHBC)		61 00			
WATERBEACH		61 01			
Burgess Drove LC (R/G-X)		61 20			
Bottisham Road LC (AHBC)		61 48			
Bannolds LC (AHBC-X)		62 70 *			
Jack O'Tell (UWC)		64 45 *			

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
EA1161	012	Bishops Stortford to Ely North Jn			BGK	Anglia	27/12/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
						<div>GSM-R</div> <div>TCB RA8 Cambridge SB Workstation 4 (CA) AC: Romford</div> <div></div>	
		65 40 *					
Nairns (No.117) LC (UWC)		65 46	<div>T</div>				
Dimmocks Cote LC (AHBC-X)		66 25	<div>X35</div>				
Hopkins Celery LC (FPO)		66 55	<div>X35</div>				
Stretham LC (FPS)		67 22	<div>X35</div>				
(Formerly: West River Bridge)			<div>UP DOWN</div>				
Ely West River LC (R/G-X) (UWC)		68 13	<div>T</div>				
Bedford (No.124) LC (UWC)		69 08	<div>T</div>				
Braham Farm LC (FPS)		69 16	<div>T</div>				
Bedford (No.125) LC (UWC)		69 20	<div>T</div>				
		69 33	<div>40</div>				
		69 67 *	<div>75 50</div>				
		69 70 *	<div>50</div>				
			<div>EDGL</div>			<p>Ely Down Goods Loop - PF</p> <p>Note- Between 69m 68ch and 70m 17ch on the Ely Down Goods Loop, signal spacing is insufficient for classes of train operating with Braking performance in accordance to requirements in GKRT0075 Appendix B and GM/RT2045 Curves V or A1</p>	

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LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
EA1161	013	Bishops Stortford to Ely North Jn		BGK	Anglia	27/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Ely Dock Jn		69 79			<p>TCB RA8 Cambridge SB workstation 4 (CA) AC: Romford</p> <p>① Note- Between 70m 05ch and 69m 76ch on the Ely up goods loop signal spacing is insufficient for classes of train operating with braking performance in accordance to requirements in GKRT0075 Appendix B and GM/RT2045 Curves V or A1</p> <p>② Note- Between 69m 68ch and 70m 17ch on the Ely down goods loop signal spacing is insufficient for classes of train operating with braking performance in accordance to requirements in GKRT0075 Appendix B and GM/RT2045 Curves V or A1</p> <p>③ Ely Cripple Siding</p> <p>④ Ely engineers Siding</p> <p>Platform 1 - 256m (277 yd) PP Platform 2 - 256m (277 yd) PP Platform 3 - 256m (277 yd) PP</p>	
ELY		70 20 *				
		70 30				
		70 35 *				

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LOR	Seq.	Line of Route Description		ELR	Route	Last Updated	
EA1161	014	Bishops Stortford to Ely North Jn			BGK	Anglia	27/12/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Ely station North LC (CCTV) ①		70 38				TCB Cambridge SB workstation 4(CA) RA8 AC: Romford	
						General instruction applies at Stuntney Road, Ely Station (1568) at 70m 36ch ① Out of use	
MPCO Zone Commencement DM		71 09				MPCO (See General Instructions)	

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	27/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Kiln Lane LC (AHBC-X)		71 33			<div>TCB RA8</div> <div>Cambridge SB workstation 4(CA) AC: Romford</div> <div> UPH - Up Peterborough DPH - Down Peterborough UNR - Up Norwich DNR - Down Norwich UKL - Up Kings Lynn DKL - Down Kings Lynn </div> <div> FWS (SATWS) provided between BGK 71m 10ch and EA1550 EWC EA1560 EMP EA1580 ETN EA1162 BGK </div>	
		71 52 *				
		71 63 *				
		71 68				
Ely North Jn		71 70				

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
			<p>Continued on EA1161 seq 15</p> <p>TCB RA8 Cambridge SB Workstation 4 (CA) AC: Romford</p> <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> <p>Littleport SB (L)</p> <p>Up platform - 86m (93 yd) Down platform - 167m (183 yd)</p>		
			<p>Queen Adelaide LC (AHBC-X)</p> <p>Adelaide LC (FP)</p> <p>Cross Keys LC (FP)</p> <p>Clayway (FP)</p> <p>Sandhill LC (AHBC-X)</p> <p>Littleport (L) SB</p> <p>Littleport LC (MCG)</p> <p>LITTLEPORT</p>		

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LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
EA1162	002	Ely North Jn to Kings Lynn		BGK	Anglia	09/01/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Littleport Bypass LC (AHBC-X)		76 27 76 28 *			<div>TCB RA8</div> <div>Littleport SB (L) AC: Romford</div> <div>GSM-R</div> <div>① Up trains conveying vehicles with 15 feet wheelbase or less not to exceed 35 m.p.h.</div> <div>Downham Market SB (DM)</div>	
Single Line		76 30 *				
OHNS		76 36				
Poplar Drove LC		76 40 *				
Willow Road LC (UWC-R/G)		76 52				
New Road LC (UWC)		76 71				
Peacocks No 17 LC (UWC)		77 15				
Peacocks No 18 LC (UWC)		77 51				
Black Horse Drove LC (R/G)		78 07				
		78 25				
		79 19				

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LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
EA1162	003	Ely North Jn to Kings Lynn			BGK	Anglia	12/11/2016
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
						<div> <div>TCB RA8</div> <div>Downham Market SB (DM) AC: Romford</div> </div> <div>GSM-R</div> <div></div> <div>① Up trains conveying vehicles with 15 feet wheelbase or less not to exceed 35 m.p.h.</div>	
Hilgay LC (AHBC)		81 38					
Pleasants LC (R/G) (UWC)		81 57					
Concrete Road LC (UWC)		82 29	T				
Martins LC		82 48	T				
		82 67 *					
Denver LC (AHBC)		84 38					
Downham Bypass LC (AHBC)		85 56 *					
		85 57					

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1230	002	Royston to Shepreth Branch Jn	SBR	Anglia	14/05/2018
Location		Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks	
Meldreth Road LC (AHBC)		49 37		<div>TCB RA9</div> <div>Cambridge SB (CA) AC: York</div> <div>GSM-R</div>	
		49 40 *			
Shepreth LC (CCTV)		49 63			
SHEPRETH		49 67			
Angel Lane LC (R/G)		50 00 *			
		50 05			
		50 15 *		<div>① Supervised from Foxton Gate Box</div> <div>Up platform - 97m (105yds)</div> <div>Down platform - 171m (187yds)</div>	

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description		ELR		Route	Last Updated
EA1230	003	Royston to Shepreth Branch Jn		SBR	BGK	Anglia	06/01/2025
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
						<div>TCB RA9</div> <div>Cambridge SB (CA) AC: York</div> <div>GSM-R</div> <div>Foxton Gate Box not a Block Post</div> <div>Up platform - 105m (113yds) Down platform - 174m (190yds)</div> <div>AC: Romford</div>	
Foxton Gate Box		50 73					
Barrington LC (FPW)		50 73					
Foxton LC (MCB)		50 74					
FOXTON		50 77					
		51 60 *					
Hayes LC (UWC)		52 02					
		52 40 *					
Harston LC (AHBC)		52 46					
No Name 37 LC (FPW)		52 75					
		53 78 *					
Hauxton LC (AHBC)		54 01					
Rectory Farm LC (UWC)		54 45					
		54 72 *					
		55 18 *					
OHNS		55 20					
Shepreth Branch Jn.		55 51					
		53 32					

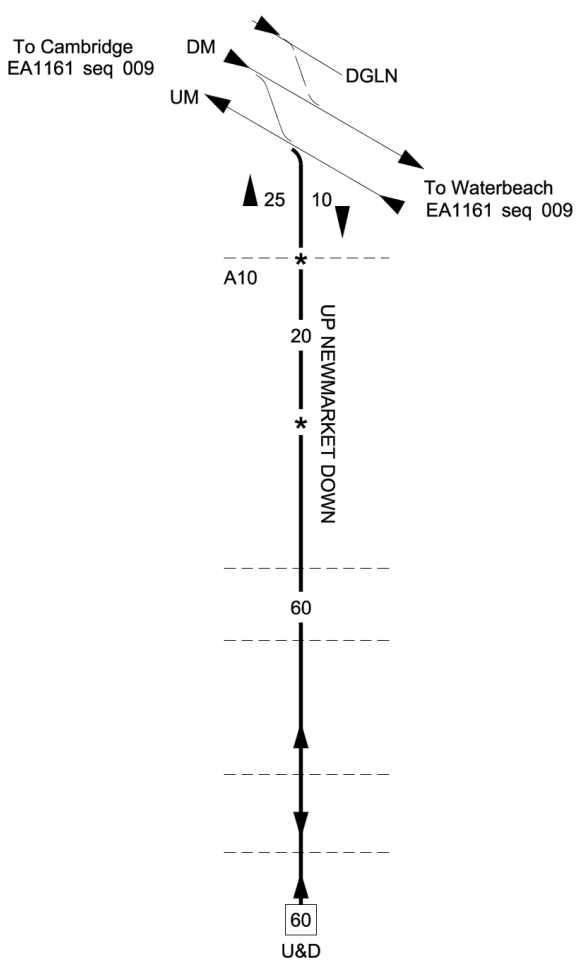
Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description			ELR		Route	Last Updated
EA1510	001	Reedham Jn to Yarmouth			RBY	NOL	Anglia	27/08/2022
Location		Mileage M Ch	Running lines & speed restrictions				Signalling & Remarks	
Reedham Jn		12 48 * 12 49					<div>Colchester PSB Lowestoft WS (YL) RA7</div> <div>GSM-R</div> <div>RS - Reedham Single</div> <div>① Freight trains not to exceed 40 mph</div> <div>Platform - 18m (19 yds)</div> <div>② Freight trains not to exceed 30 mph</div>	
Church Dam LC (UWC)		12 76	T					
St. John's LC (UWC)		13 35	T					
Beckhithe LC (UWC)		13 69	T					
Wickhampton LC (UWC)		14 34	T					
Long Drain LC (UWC)		15 00	T					
Swans LC (UWC)		15 01	T					
Hunters LC (UWC)		15 21						
Old Lady LC (UWC)		15 60						
BERNEY ARMS		15 71						
Bittern LC (UWC)		16 10						
Beighton Marshes LC (UWC)		16 22						
White Coat LC		17 10	T					
		17 21 *						
Breydon Sluice LC (R/G)		17 29	T					
Lock Gate Mill LC (UWC)		17 44	T					
Wherryman's LC (UWC)		18 32	T					
Banham LC (UWC)		19 13	T					
		19 27 *						

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LOR	Seq.	Line of Route Description	ELR		Route	Last Updated
EA1520	001	Saxmundham Jn to Sizewell	SIZ	ESK	Anglia	21/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
<div>Saxmundham Jn (TEP) GF</div> <div>Bratts Black House LC</div> <div>Knodishall LC (TMO)</div> <div>West House LC (TMO)</div> <div>Saxmundham Road LC (TMO)</div> <div>Hodgson Avenue (FPS)</div> <div>Summerhill LC (FPW)</div> <div>Leiston Station LC (TMO)</div> <div>Sizewell LC (TMO) (TEP)</div>		<div><div><div><div><div></div><div>DES</div></div><div><div></div><div>To Saxmundham EA1430 seq 7</div></div></div><div><div></div><div>25</div></div><div><div></div><div>UES</div></div><div><div></div><div>To Darsham EA1430 seq 6</div></div></div><div><div></div><div>Up & Down Sizewell</div></div><div><div></div><div>LOOP</div></div><div><div></div><div>SIDINGS</div></div></div>		<div><div>OTS RA7</div><div>Saxmundham SB (ES)</div></div> <div><div>GSM-R</div><div></div></div> <div>AWS not provided</div> <div>TPWS is not provided on this route</div> <div>DES - Down East Suffolk UES - Up East Suffolk</div>		

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LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
EA1530	001	Coldham Lane Jn to Haughley Jn			CCH BGK	Anglia	27/12/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Coldham Lane Jn		(56 51) 0 23				<div>TCB RA8 Cambridge SB Panel B (CA)</div> <div>GSM-R</div> <div>DGLN - Down Goods Loop North DM - Down Main UM - Up Main</div>	
Laundry Lane LC (AOCL+B)		0 29 *				<div>TCB RA8 Cambridge SB Workstation 3 (CA)</div>	
		0 46 *					
Cherry Hinton High St. LC (CCTV)		2 17					
Cherry Hinton Bypass LC (CCTV)		2 53					
Teversham LC (AHBC)		3 44					
Coxs Drove LC (FPG)		3 69					

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LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
EA1530	002	Coldham Lane Jn to Haughley Jn		CCH	Anglia	27/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
					<div> <div>TCB RA8</div> <div>Cambridge SB Workstation 3 (CA)</div> <div>GSM-R</div> </div>	
Fulbourne LC (AHBC)		4 36				
Home Farm LC FPS)		5 31				
Hicks LC (UWC)		5 58	T			
Six Mile Bottom LC (AHBC)		7 65				
Brinkley Road LC (AHBC)		7 78				
Cassells LC (FPG)		8 05				
Westley Road LC (R/G) (UWC)		8 74	T			
Single line		10 07			Up platform - 94m (102 yds) Down platform - 103m (111 yds)	
DULLINGHAM		10 54				
Dullingham (DH) SB		10 54				
Dullingham LC (MCG)		10 56			<div>TB</div> <div>Dullingham SB (DH)</div>	
Single line		11 09				

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1530	003	Coldham Lane Jn to Haughley Jn	CCH	Anglia	25/03/2022
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
			<div> <div>U&D</div> <div>60</div> <div> <div></div> <div></div> </div> </div> <div> <div>Devils Ditch LC (FPS R/G)</div> <div>12 11</div> </div> <div> <div>Wood Ditton LC (AHBC)</div> <div>13 11</div> </div> <div> <div></div> <div>13 35 *</div> </div> <div> <div></div> <div>*</div> <div>45</div> </div> <div> <div>UP</div> <div>NEWMARKET</div> <div>DOWN</div> </div> <div> <div></div> <div>13 67</div> </div> <div> <div></div> <div>13 70 *</div> </div> <div> <div></div> <div>*</div> <div>25</div> </div> <div> <div></div> <div>13 75 *</div> </div> <div> <div></div> <div>*</div> <div>40</div> </div> <div> <div>Weatherby LC (FP)</div> <div>14 05</div> </div> <div> <div>Warren Hill Tunnel</div> <div>14 31</div> <div>to</div> <div>15 01</div> </div> <div> <div></div> <div>15 65 *</div> </div> <div> <div></div> <div>*</div> <div>50</div> </div> <div> <div></div> <div>60</div> </div> <div> <div>50</div> <div>U&D</div> </div>		<div> <div>TB</div> <div>RA8</div> </div> <div> <div>Dullingham (DH) SB &</div> <div>Chippenham Jn SB (CM)</div> </div> <div> <div>GSM-R</div> <div></div> </div> <div> <div>Platform - 238m (260 yds)</div> <div>(45m (49 yds) in use)</div> </div> <div> <div>General instruction for broken rails</div> <div>applies at Warren Hill tunnel.</div> </div>


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LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
EA1530	004	Coldham Lane Jn to Haughley Jn		CCH SOB1 SOB2	Anglia	27/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Chippenham Jn Chippenham Jn SB (CM)		16 04 *			TB RA8 Chippenham Jn SB (CM) GSM-R TCB Bury St Edmunds Yard SB (BY)	
		18 03 *				
		18 57 *				
		18 63 *				
		18 69				
KENNETT		19 60			Up platform - 54m (58 yds) Down platform - 78m (81 yds)	

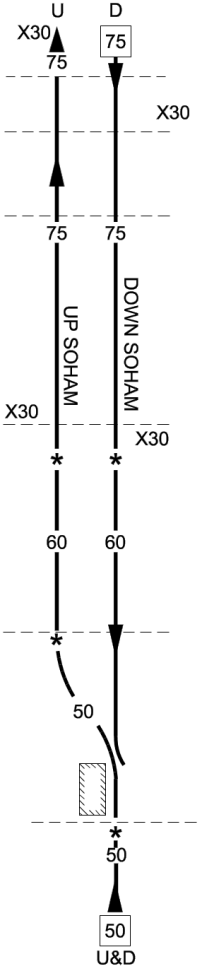

Anglia Route Sectional Appendix Module AR2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1530	007	Coldham Lane Jn to Haughley	CCH LTN1	Anglia	08/01/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
					<div style="float: right;">GSM-R </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">TCB RA8 Colchester SB (CO) Norwich panel</div> <p>Up platform - 62m (64 yds) Down platform - 62m (64 yds)</p> <p>UB -Up Bury DB-Down Bury</p> <p>C 935 yards before reaching signal CO. 698</p> <p>FWS (SATWS) provided from CCH 39m 64ch and EA1012 (LTN1)</p>
Hall Farm LC (UWC)	36 59	T			
Hawk End Lane LC (FPS)	37 00				
ELMSWELL	37 11				
Elmswell LC (CCTV)	37 14				
Elmswell GSP	37 20				
Lord's No. 29 LC (FPS)	37 58				
Mutton HallLC (FPS)	38 38				
Base Green (No. 31) LC (UWC)	39 03	T			
Haughley Green LC (FPW)	39 31				
	39 73 *				
	40 42 *				
	40 45				
Haughley Jn	40 49				
	82 79				

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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) 
Change of mileage Site of former Snailwell Jn		00 54 * 00 31 *			
		00 00 * 01 54			Cambridge SB Workstation 4(CA)
Kings Sidings GF		2 64			
Munceys LC		4 16			
Fordham LC (AHBC-X)		4 64			
Cockspin Road LC (AHBC-X)		5 05			

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LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
EA1540	002	Chippenham Jn to Ely Dock Jn			SOB2	Anglia	27/12/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Block Farm FPS (R/G-X)		5 58				TCB RA8 Cambridge SB Workstation 4 (CA) 	
Hitch's No.12 LC		6 58				Platform - 99m (108 yds)	
Horse Fen LC		6 74					
Mill Drove LC (AHBC-X)		7 28					
		7 30 *					
Clark & Butchers LC		7 53 *					
Single Line		7 61					
Soham Soham Station LC		7 64 7 78 8 00 *					

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LOR	Seq.	Line of Route Description			ELR	Route		Last Updated
EA1540	003	Chippenham Jn to Ely Dock Jn				SOB2	Anglia	27/12/2024
Location		Mileage M Ch		Running lines & speed restrictions			Signalling & Remarks	
<div>Straws LC</div> <div>Middlemere LC (AHBC)</div> <div>Tiled House Farm LC (AHBC)</div> <div>Short Drove LC</div> <div>Poplar Drove No.30 LC</div> <div>Leonards No.31 LC</div> <div>Barway Sidings LC (AHBC)</div> <div>Blockmore LC</div>		<div>8 02</div> <div>8 25</div> <div>8 66</div> <div>9 07</div> <div>9 35</div> <div>9 40 *</div> <div>9 47</div> <div>9 76</div> <div>10 36</div>		<div>U&D</div> <div>50</div> <div>50</div> <div>UP SOHAM SINGLE DOWN</div> <div>50 MU</div> <div>60</div> <div>50 MU</div> <div>60</div> <div>U&D</div>			<div>TCB</div> <div>RA8</div> <div>Cambridge SB Workstation 4 (CA)</div> <div>GSM-R</div>	

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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	<div>T</div>				<div>TCB RA8</div>	<div>Cambridge SB Workstation 4 (CA)</div>	<div>GSM-R</div>
Roundabout Drove LC		11 36 11 36	<div>T</div>						
		12 00 *							
Wells Engine LC		12 03	<div>T</div>						
Hawks LC		12 17	<div>T</div>						
Single Line		12 27							
Ely Dock Jn		12 33 (69 79)							

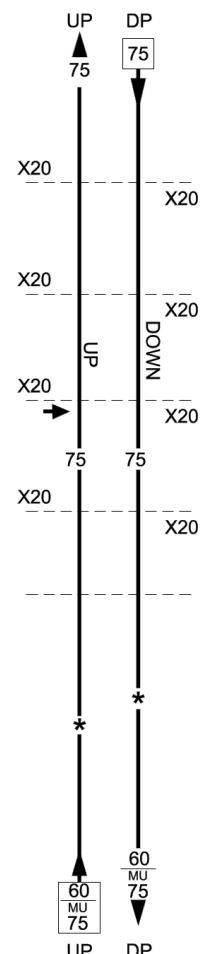

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LOR	Seq.	Line of Route Description		ELR		Route	Last Updated	
EA1550	001	Ely North Jn to Ely West Jn (Ely West Curve)			EWCBGK ETN EMP		Anglia	27/12/2024
Location		Mileage M Ch	Running lines & speed restrictions				Signalling & Remarks	
Ely North Jn		00 00	<p>To Ely EA1161 seq 15</p> <p>To Shippea Hill EA1580 seq 001</p> <p>Up Down</p> <p>25</p> <p>Up ELY WEST CURVE</p> <p>Down</p> <p>To Ely EA1560 seq 1</p> <p>To Kings Lynn EA11161 seq 15</p> <p>DPH To March UPH EA1560 seq 1</p>				<div>TCB RA8</div> <div>Cambridge SB Workstation 4 (CA)</div> <div>GSM-R</div>	
Pitts LC (UWC)		00 23					T	
Days LC (UWC)		00 58					T	
Ely West Jn		01 00 (72 39)						
							FWS (SATWS) provided from EWC 0 miles 17 ch and EA1560 EMP EA1580 ETN EA1161 BGK EA1162 BGK	
							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 27/12/2024		
Location		Mileage M Ch		Running lines & speed restrictions				Signalling & Remarks		
Ely North Jn		71	63	<div><div>Up Norwich</div><div>To Shippea Hill EA1580 seq 001</div><div>Down Norwich</div><div>Up Kings Lynn To Littleport EA1161 seq 15</div><div>Down Kings Lynn</div><div>Up EA1161 seq 15</div><div>Down To Ely station EA1161 seq 15</div></div>				<div><div>TCB RA8</div><div>Cambridge SB Workstation 4 (CA)</div><div>GSM-R</div></div>		
Ely North Jn LC (FP) Queen Adelaide LC (AHBC-X)		71 72 72	72 01 12	*	<div><div>X20</div><div>50</div><div>45</div><div>60</div><div>To Ely North Jn EA1550 seq 1</div><div>Up & Down Ely West Curve</div></div>				Wrong direction controls not provided on down line	
Ely West Jn		72 72	39 40	*	<div><div>60</div><div>25</div><div>40</div><div>60</div></div>					
Second Drove LC (FPS) Clayway LC (UWC)		72 72	55 62	<div>T</div>	<div><div>UP</div><div>DOWN</div><div>60</div></div>					
Chettisham LC (MCB-OD)		73	35	*	<div><div>*</div><div>*</div></div>					
Coffue Drove LC (UWC)		74	25	<div>T</div>	<div><div>75</div><div>75</div></div>				FWS (SATWS) provided from EMP 72m 35ch and EA1550 EWC EA1580 ETN EA1161 BGK EA1162 BGK	
Beald Drove LC (AHBC-X)		74	58		<div><div>X20</div><div>75</div><div>75</div><div>X20</div></div>				DP - Down Peterborough UP - Up Peterborough	

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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	
North Fen LC (AHBC-X)		74 79				<div>TCB Cambridge SB Workstation 4 (CA) RA8</div> <div>DP - Down Peterborough UP - Up Peterborough</div> <div>HABD on Up Line near Second Drove LC</div> <div>GSM-R </div>	
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 *					

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
EA1580	001	Ely North Jn to Trowse Jn	ETN	Anglia	27/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Ely North Jn		71 72			<div>TCB Cambridge SB Workstation 4 (CA) RA8</div> <div>GSM-R</div> <div> UM - Up Main DM - Down Main UKL - Up Kings Lynn DKL - Down Kings Lynn UPH - Up Peterborough DPH - Down Peterborough </div> <div>General instruction applies at Queen Adelaide Bridge (1576) at 72m 22ch</div> <div>TCB Cambridge SB (EN)</div> <div> LOD (T) Down Main and Up Main (Shippea Hill) at 77m 16ch Up platform 2 - 129m (141yds) Operational Length - 89m (97yds) Down platform 1 - 146m (141yds) Operational Length - 76m (83yds) FWS (SATWS) provided from ETN 72m 50ch and EA1550 EWC EA1560 EMP EA1161 BGK EA1162 BGK </div>
		72 02 *			
Queen Adelaide LC (AHBC-X)		72 32			
Popes (Double Crossing) LC UWC		73 43			
Palmers No.142 LC		73 63			
Prickwillow 1 LC (FPS)		74 28			
Prickwillow Larks Bridge 2 LC (FPS)		74 30			
Mile End LC (AHBC-X)		74 76			
SHIPPEA HILL		77 17			
Shippea Hill LC (MCB-OD)		77 23			
Chivers LC (AHBC-X)		78 54			

Table D2C – Route clearance of electric multiple units**Last Updated: 14/10/2023**

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	

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 R1	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	

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	R1	N	Y	N	Y	Y	Prohibited Hackey Downs platform 3 with deflated suspension
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

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 R1	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 R2	E R2 R3	R1 5-car operations only R2 Prohibited Transfer between Up Chingford and Down Chingford on PTS:2700B Diesel operation only

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	N	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 R1 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							

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							

OFFICIAL

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	700	710	717	720/1 & /5	720/6	745	755	Notes
EA1360	ACW	Acton Canal Wharf Jn – Route Boundary (MD170) (Willesden Jn)	0	35	0	11	N	E						
EA1360	CAW	Acton Canal Wharf Jn – Acton Wells Jn (Change of Mileage)	8	45	8	77	N	E						
EA1360	WAW	Acton Wells Jn (Change of Mileage) – Route Boundary (MD167) (Willesden West London Jn)	6	19	6	76	N			EH				
EA1360	CAW	Acton Wells Jn (Change of Mileage) – Acton Wells Jn	0	63	0	66	N			EH				
EA1370	GOJ	Gospel Oak Jn – Junction Rd Jn	0	00	0	58	N	Y						R2
EA1370	JRT2	Junction Rd Jn – Route Boundary (LN3210) (Carlton Rd Jn)	2	42	2	38	E R1							R2 OPPOS Up or Down Tottenham through Tottenham North Curve Tunnel No.2 (Carlton Rd Jn - Junction Road Jn)
EA1370	TAH1	Junction Rd Jn – Harringay Park Jn	2	42	4	15	E	Y						
EA1370	HPW	Harringay Park Jn – Route Boundary (LN165) (Harringay Jn)	0	25	0	14	E	Y						
EA1370	TAH1	Harringay Park Jn – South Tottenham West Jn	4	15	5	65	N	Y						
EA1370	TAH1	South Tottenham West Jn – South Tottenham East Jn	5	65	5	73	N	Y		Y		Y	Y	
EA1370	TAH2	South Tottenham East Jn – Woodgrange Park Jn	5	73	11	79	N	Y						
EA1370	TAH3	Woodgrange Park Jn – Barking Station Jn	11	79	13	12	N	Y		Y	Y	EH	E R1	R1 Diesel operation only
EA1370	TAH3	Barking Station Jn – Barking Tilbury Jn West	13	12	13	42	N	Y		R2		R2	E R1	R1 Diesel operation only R2 Prohibited Barking to Barking Tilbury Jn West
EA1370	TAH4	Barking Station Jn – Barking Platform 1	13	12	13	62	N	Y		Y	Y	EH	EH	R2
EA1380	FSS1	Fenchurch Street – Gas Factory Jn	0	00	2	57	N				R1			Prohibited Fenchurch Street platform 3 with crush deflated suspension
EA1380	FSS1	Gas Factory Jn – East Ham Depot	2	57	6	18	N	E			Y			
EA1380	FSS1	East Ham Depot – Barking Tilbury Jn West	6	18	7	33	N	E			Y	EH	E R1 R2	R1 Prohibited East Ham Depot to East Ham Inlet Line Jn (6m 22ch) Diesel operation only
EA1380	FSS2	Barking Tilbury Jn West – Barking Tilbury Jn East	7	33	7	60	N	Y			Y	EH	E R1	Diesel operation only

OFFICIAL

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	700	710	717	720/1 & /5	720/6	745	755	Notes
EA1380	FSS2	Barking Tilbury Jn East – Upminster	7	60	15	20	N	E R1			Y			R2 Prohibited Upney Jn to Upminster
EA1380	FSS2	Upminster – Southend Central	15	20	35	55	N				Y			R1
EA1380	FSS3	Southend Central – Shoeburyness	35	55	39	40	N				R1			R2 Prohibited Southend Central platforms 1, 2 & 4 with crush deflated suspension
EA1390	TLL	Barking Tilbury Line Jn East – Former Tilbury West Jn	7	60	22	06	N	Y			Y	EH R1	E R1 R2	R1 Prohibited Ripple Lane Exchange Sidings to Former Tilbury West Jn R1 Diesel operation only
EA1390	TLL	Former Tilbury West Jn – Pitsea Jn	22	06	32	43	N	Y			Y			
EA1400	GFB	Gas Factory Jn – Bow Jn	2	57	3	47	N				Y			
EA1410	FSS2	Upminster – Upminster East Jn	15	20	15	39	N							
EA1410	UPG	Upminster East Jn – West Thurrock Jn	0	00	6	56	N				Y			
EA1420	THN	Thames Haven Jn – Thames Haven	26	41	30	18	N							
EA1430	ESK	East Suffolk Jn – Westerfield Jn	69	41	73	23	N					H	Y	
EA1430	ESK	Westerfield Jn – Oulton Broad North Jn	73	23	116	27	N					H R1	R1	10mph Access/Exit to Hay Sidings PTS:906A
EA1440	FEL	Westerfield Jn – Felixstowe Beach Jn	73	23	83	57	N					H	Y	
EA1440	FEL	Felixstowe Beach Jn – Felixstowe town	83	57	84	30	N					H	Y	
EA1450	TFN	Trimley – Port of Felixstowe North Quay Terminal	0	00	0	18	N							
EA1460	FED	Felixstowe Beach Jn – Felixstowe Beach	83	57	86	34	N							
EA1470	NOL	Thorpe Jn – Limit of Electrification	0	09	0	79	N			Y		E	Y R1	Diesel operation only
EA1470	NOL	Limit of Electrification – Reedham Jn	0	79	12	34	N					H	Y R1	Diesel operation only
EA1470	NOL	Reedham Jn – Lowestoft	12	34	23	41	N					H	Y R1	Diesel operation only
EA1480	WHC1	Whitlingham Jn – North Walsham (End of Station Loop)	1	69	16	30	N					H	Y	

EA1580 - ELY NORTH JN TO TROWSE JN WYMONDHAM

Trains to the Mid Norfolk Railway from Network Rail

Before a train is allowed to enter the Dereham Branch Mid Norfolk Railway, you must ensure that the Mid Norfolk Railway (MNR) Duty Responsible Officer (DRO) is present at EN8221 signal.

The MNR DRO is to contact the Cambridge PSB, Thetford Workstation Signaller and confirm that a suitable overlap is available and on the signallers instruction operate the Shunters Release Switch, to allow EN8236 signal to clear.

The Dereham Branch Mid Norfolk Railway 'Release' will be automatically cancelled after one train movement, or if the Cambridge PSB, Thetford Workstation Signaller cancels the route to the Dereham Branch Mid Norfolk Railway, another 'Release' will need to be obtained, if required.

In the event of an assisting locomotive being required to go onto the MNR, the MNR DRO is to contact the Cambridge PSB, Thetford Workstation Signaller to confirm the arrangements for assistance.

Trains to Network Rail from the Mid Norfolk Railway

Before any train departs from Dereham Branch, Mid Norfolk Railway, you will contact the Cambridge PSB, Thetford Workstation Signaller on the signal post telephone at EN8221 signal, on the single line for instructions. The MNR DRO will accompany the train from EN8221 signal as far as Wymondham Station, Down Platform No1.

If a propelling movement is required from Dereham Branch, Mid Norfolk Railway, onto Network Rail Infrastructure. EN8221 signal will revert to danger upon occupation of ALF(X) Axle Counter Section. LAST WHEEL REPLACEMENT is not provided on EN8221 signal.

Dated: 03/12/12

EA1580 - ELY NORTH JN TO TROWSE JN Hethersett GF

Hethersett - Oil Terminal Ground Frame

When not in use the points for this Ground Frame must be secured by a padlocked point clip, a scotch (screwed to the sleeper or otherwise secured) and a fishplate secured to the sleeper by two screws/fang bolts.

The sidings are not to be used without the authority of the Anglia Route Operations Manager.

Dated: 27/09/08

EA1580 - ELY NORTH JN TO TROWSE JN Entire Line Of Route

Movement of A.C. Electric Locomotives And Multiple Units Between Ely North Jn. and Trowse Jn.

All classes of A.C. Electric locomotives and multiple units (except those listed below) are prohibited in both directions of travel between Ely North Jn. and Trowse Jn.

<u>Class</u>	<u>Restrictions</u>
Class 86/2	20 m.p.h. at 93m 63ch (Bridge 1603) on the Up line only
Class 90	The authorised speed is as required by The Rule Book Module SP
The above units may only travel with pantograph lowered.	

Dated: 07/12/13

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