

# **NETWORK RAIL**

## **Kent, Sussex & Wessex Routes**

# **KSW**

Week No.

# **37**

## **PERIODICAL OPERATING NOTICE**

### **CONTAINING**

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

### **INCORPORATING**

SUPPLEMENT NO. 69 TO THE KSW ROUTE  
SECTIONAL APPENDIX

**SATURDAY 07 DECEMBER 2024**  
**to**  
**FRIDAY 28 FEBRUARY 2025**  
**Inclusive**

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

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

**This notice comprises of 32 pages**

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

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# ACKNOWLEDGEMENT SLIP

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

I, the undersigned, acknowledge receipt of the Periodical Operating Notice and Supplement No. 69 to the KSW Route Sectional Appendix effective from Saturday 07 December 2024 to Friday 28 February 2025.

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

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

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

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

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

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## Introduction

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

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

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

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

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

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

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

The Supplement is identified as Supplement No. 69 and is dated 07 December 2024. In line with current industry standards items published in the Supplement will not appear in future PONs.

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

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

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

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

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

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

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

### **RECORDING OF CONVERSATIONS**

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

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

***Telephone:***

0161 495 4515

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nrrons@theapsgroup.com

**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 **07 December 2024**.

### **A4 Technical content**

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

### **A5 Definitions**

#### Material change

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

#### Minor change

A minor change comprises of one of the following:

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

### National Operations Publications

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

### Periodical Operating Notice

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



## Part B - Changes since previous issue

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

## Part C - New amendments to National Operations Publications

### GERT8000 Rule Book

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

##### Explanation of change

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

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

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

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

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

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

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

You must also:

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

### 3.5 Safe system of work (separated)

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

You must also:

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

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

## GERT8000 Rule Book

### Module TS1 General signalling regulations

#### Explanation of change

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

### 12.1 When this general signalling regulation must be used

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

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

Handbook RS524 List of Dangerous Goods and their United Nations numbers

Table 1

<b>Explanation of change</b> The 2025 RID regulations include a number of changes to the details of UN numbers which are as shown below.
---

**Amend:** the following as shown:

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

**Add:** the following new entries:

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

Part D - Previous amendments to National Operations Publications

GERT8000 Rule Book

Handbook RS524 List of Dangerous Goods and their United Nations numbers

Table 1

<b>Explanation of change</b>
The 2023 RID regulations include a number of changes to the details of UN numbers which are as shown below.

**Delete:** the following which ceased to be valid after 30<sup>th</sup> June 2023:

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

**Amend:** the following as shown:

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

**Add:** the following new entry:

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

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

### Explanation of change

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

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

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

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

TS5 Tokenless block regulations	8.1 8.2	Amend title of module P2 to read ' <i>Working single and bi-directional lines by pilot</i> '
TS5 Tokenless block regulations	8 8.1 8.2 8.3 8.4 8.5 8.5.2	Amend 'pilotman' to 'pilot'
TS7 No-signaller token regulations	2.2 8.1.1 8.2.1 8.3.1	Amend title of module P2 to read ' <i>Working single and bi-directional lines by pilot</i> '
TS7 No-signaller token regulations	3.1 8.1.1 8.1.2 8.2.1 8.2.2 8.2.3 8.3.1 8.3.2 8.4	Amend 'pilotman' to 'pilot'
TS8 One-train working regulations	8.1 8.4.1	Amend title of module P2 to read ' <i>Working single and bi-directional lines by pilot</i> '
TS8 One-train working regulations	3.1 3.2 8 8.1 8.2 8.3 8.4.1 8.4.2	Amend 'pilotman' to 'pilot'
Handbook 5 Handsignalling duties	4 6.1	Amend 'pilotman' to 'pilot'



**Changes to various modules and handbooks as a result of the term ‘manned level crossing’ being replaced by ‘manually-controlled level crossing’****Explanation of change**

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

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

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

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

## Handbook RS523 GSM-R Handbook

### 8 Broadcast calls

#### Explanation of change

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

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

### 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.

## 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

## Miscellaneous Instructions

### **CONTACTING SIGNAL BOXES and GSM-R SIGNAL BOXES/PANELS**

The telephone numbers shown below must be used if it is necessary to contact a signal box.

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

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

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

Signal Box	Prefix	External No	Internal No	GSM-R No
<b>Arundel</b>	AR	01273 228303	00 68303	74 3303 01
<b>Ashford Integrated Electronic Control Centre (IECC)</b> Signaller Shift Manager	AD	0330 8531350	085 31350	74 2250 01
<b>Workstation 1</b> (Elmstead Woods - Hildenborough)	AD	0330 8531285 0330 8531286	085 31285 085 31286	74 2253 01
<b>Workstation 2</b> (Hildenborough to Staplehurst including Tonbridge to Godstone and Paddock Wood to Beltring)	AD	0330 8531287 0330 8531288	085 31287 085 31288	74 2254 01
<b>Workstation 3</b> (Ashford to Rye)	AD	0330 8531289 0330 8531290	085 31289 085 31290	74 2255 01
<b>Workstation 4</b> (Staplehurst to Westenhanger)	AD	0330 8531291 0330 8531305	085 31291 085 31305	74 2256 01
<b>Workstation 5</b> (Westenhanger to Folkestone/Eurotunnel interface)	AD	0330 8531292 0330 8531306	085 31292 085 31306	74 2257 01
<b>Ashford (CTRL) Shift Manager</b>	AF	01233 739410 01233 739411	085 39410 085 39411	74 2004 02
<b>Aylesford</b>	AF	0330 8561742	085 61742	74 2209 01
<b>Barnham</b>	BH	01273 228354	00 68354	74 3307 01
<b>Basingstoke Dorset Coast</b>	PW	01256 490010	075 0010/19	74 4208 01
<b>Basingstoke East Signaller</b>	BE	01256 478756	07 50186	74 4205 01
<b>Basingstoke West Signaller</b>	BE	01256 478758	07 50193	74 4206 01
<b>Basingstoke West of England Panel</b>	SE	01256 490006	07 50006	74 4207 01
<b>Bognor Regis</b>	BR	01273 228358	00 68358	74 3309 01
<b>Basingstoke Rail Operating Centre</b>	BEF			
<b>BROC Shift Manager</b>	BEF	0330 8543011	085 43011	74 3370 01
<b>Strawberry Hill Workstation 1</b> (Norbiton/Shepperton to Strawberry hill including depot) (Richmond to Whitton)	BEF	0330 8543012	085 43012	74 3371 01

## **CONTACTING SIGNAL BOXES and GSM-R SIGNAL BOXES/PANE-Continued**

Signal Box	Prefix	External No	Internal No	GSM-R No
<b>Ascot Workstation 3</b> (Rusham CCTV to Earley) (Virginia Water to Addlestone) (Ascot to Frimley) ) (Farnborough North to Wokingham Junction)	BEF	0330 854013	085 43013	74 4103 01
<b>Level Crossing Workstation 1</b> (Chertsey CCTV Grove Park CCTV Wood Lane CCTV Star Lane CCTV Wokingham CCTV	BEF	0330 8543016	085 43016	
<b>Bo Peep Junction</b>	BJ	01233 651119	00 71119	74 3299 01
<b>Bo-Peep Signal Box Telephone Line</b>		03308561922	08561922	
<b>Bournemouth</b>	BC	01202 295893	075 3332	74 4213 01
<b>Brockenhurst</b>	BH	01590 623800	075 8704	74 4212 01
<b>Canterbury West</b>	EDH	0330 8553184	085 53184	74 2217 01
<b>Canterbury Wye Area Control Centre</b>	EBT	0330 8553191	085 53191	74 2222 01
<b>Charlton Lane (crossing box)</b>		0330 8531222	08531222	N/A
<b>Chichester</b>	CC	01273 228360	00 68360	74 3310 01
<b>Cuxton</b>	CX	0330 8553556 0330 8553589	085 53556 085 53589	74 2207 01
<b>Deal</b>	EBZ	0330 8526920 0330 8526908 0330 8529927	085 56920 085 26908 0852 9927	74 2221 01
<b>Dorchester South</b>	DR	01305 262483	085 28317	74 4201 01
<b>Dorking</b>	CBK	01483 804648 01483 804618	00 64648 00 64618	74 3300 01
<b>East Farleigh</b>	EF	0330 8561744	085 61744	74 2211 01
<b>East Kent Signalling Centre (EKSC)</b>				
<b>Signaller Shift Manager</b>	EK	0330 8553593	085 53593	74 2230 01
<b>Ramsgate Workstation – Minster East Junction (excl) to London side of Birchington-on-Sea</b>	EK	0330 8553600	085 53600	74 2232 01
<b>Faversham Workstation – London side of Birchington-on-Sea/Buckland Junction (excl) to Sittingbourne (excl)</b>	EK	0330 8553599	085 53599	74 2231 01
<b>Rochester Workstation – Longfield (excl/Higham (incl) to Chatham Station</b>	EK	0330 8553585	085 53585	74 2234 01
<b>Sittingbourne Workstation – Chatham Station (excl) to Sittingbourne (incl) Sheerness branch (complete)</b> <b>Note: Signal prefix on the Sheerness branch between Middle Junction (excl) and Sheerness is EV</b>	EK EV	0330 8553539	085 53539	74 223301
<b>Eastleigh, Signaller Shift Manager</b>		02380 612142	075 7202	74 4224 01

## Miscellaneous Instructions - Continued

### Contacting Signal Boxes and GSM-R Signal Boxes/Panels – Continued

Signal Box	Prefix	External No	Internal No	GSM-R No
<b>Panel 1</b> – Worting Jn (excl) – Southampton Parkway, Hedge End to Eastleigh	E / EH	02380 728875	075 8875	74 4220 01
<b>Panel 2</b> – (St Denys End) Southampton Parkway (excl) to Northam (incl) Northam to Southampton Eastern Docks	E	02380 728890	075 8890	74 4221 01
<b>Panel 2 (Southampton / Fareham End)</b> – Northam (excl) to Southampton (incl), Fareham to Hedge End / St Denys	E	02380 728890	075 7251	74 4222 01
<b>Panel 3</b> – Dunbridge (excl) to Millbrook, Ashurst New Forest / Marchwood to Redbridge, Southampton Western Docks	E	02380 728894	075 8894	74 4223 01
<b>FAX</b>			075885	
<b>Exeter</b>	E	01392 210873	07 66410 07 66411 07 66412	
<b>Exmouth Jn</b>	EJ	01392 412764	07 66311	
<b>Farncombe</b>	WZ	01483 416021	00 67658	74 4209 01
<b>Feltham</b> , Signaller Shift Manager <i>Barnes Bridge - Feltham</i> <i>Feltham - Staines - Windsor</i>	F Panel 2 Panel 3 Panel 4	0208 890 4289 0208 831 1731 0208 831 1751 0208 831 1771	00 69713 00 69731 00 69751 00 69771	74 4118 01  74 4101 01 74 4102 01 74 4103 01
<b>Folkestone East</b>	YE	0330 8526924	085 26924	74 2218 01
<b>Guildford ASC</b>	GD	01483 302311		
<i>Guildford (North end) to Worplesdon/ Bookham/Farnborough North</i> <i>Guildford (South end) to Farncombe/Gomshall</i>			00 67726 00 67727	74 4110 01/ 74 4111 01
<b>Haslemere</b>	EW	01428 651748	00 67661 00 67663	74 4210 01
<b>Hastings</b>	EDL	0330 8529822 0330 8529831	085 29822 085 29831	74 2223 01
<b>Havant ASC</b>				
Havant Workstation (Petersfield exc/ Emsworth/ Fareham exc to Hilsea)	HT	023 8075 6181	07 56181	74 4225 01
Portsmouth Workstation (Hilsea exc to Portsmouth Harbour)	HT	023 8075 6185	07 56185	74 4226 01
<b>Lancing</b>				
<b>Panel 1 (Hove to East Worthing)</b>	LG	01903 763937	00 60015	74 3311 01
<b>Panel 2 (East Worthing to Angmering)</b>	LG	01903 763937	00 60016	74 3312 01
<b>Panel 3</b>	LG	01903 763937	00 60018	
<b>Littlehampton</b>	LH	01273 228307	00 68307	74 3308 01

**Miscellaneous Instructions - Continued**  
**Contacting Signal Boxes and GSM-R Signal Boxes/Panels –**  
**Continued**

Signal Box	Prefix	External No	Internal No	GSM-R No
Littlehaven (Crossing box)		01273 784750	00 60750	
Maidstone East	ME	0330 8531321	085 31321	74 2202 01
Maidstone West	MS	0330 8561756 0330 8561757	085 61756 085 61757	74 2210 01
Marchwood	MW	02380 728028	075 8028	74 4230 01
Minster	EBE	0330 8526333	085 26333	74 2215 01
New Cross Gate, East London Line Signalling Control Centre	EL	02033566773	067-66773	74926601
North Kent (Ashford IECC) North Kent 1 (Woolwich/ Falconwood / Mottingham to Dartford)	NK	0330 8531314	085 31314	74 2251 01
North Kent 2 Dartford /Higham / Grain single line	NK	0330 8531320	085 31320	74 2252 01
Oxted	OD	01883 716293	00 64150	74 3279 01
Petersfield	PF	01730 264679	00 67237	74 4211 01
Reigate	RG	020 7928 5151	00 64786	74 3301 01
Robertsbridge	RB	0330 8529912	085 29912	74 2224 01
			085 31543	
Rye	RY	0330 8531278	085 31278	74 2219 01
Salisbury	SY	01722 329480	075 5111 / 075 8547	74 4218 01
Sandwich Sandwich Signal Box Fax Line	SW	03308529963 0330 8526906 03308529929	08529963 085 26906 08529929	74 2220 01
Sturry	ST	0330 8553183	085 53813	74 2216 01
Swindon 'B'	SB	01793 480946	07 75573	



## Miscellaneous Instructions - Continued

### Contacting Signal Boxes and GSM-R Signal Boxes/Panels – Continued

Signal Box	Prefix	External No	Internal No	GSM-R No
<b>Three Bridges Rail Operating Centre (TBROC)</b>				
<b>TBROC TULSE HILL WORKSTATION</b> (Between Birkbeck, Bromley Jn and Streatham Hill via Crystal Palace)	TVC	0330 857 5007	085 75007	74 3105 01
<b>Shift Signalling Manager (Kent)</b>		01293 621368	085 75368	74335501
<b>Shift Signalling Manager (Sussex)</b>		01293 621350	085 75350	74335501
<b>Shift Signalling Manager (Victoria Central)</b>		0330 8575001	08575001	74310801
TBROC East Sussex Workstation Glynde – Eastbourne & Willingdon Jn to West St Leonards	TEB	01293 621 351	085 75351	74 333001
TBROC Lewes Workstation Cooksbridge/Lewes to Seaford	TLW	01293 621354	085 75354	74 333000
<b>TBROC Cannon Street “A” Workstation</b> Cannon Street to London Bridge	TL	01293 621360	085 57360	74 332901
<b>TBROC Cannon Street “B” Workstation</b> London Bridge to New Cross/	TL	01293 621361	085 57361	74 333301
<b>TBROC Lewisham Workstation</b> New Cross to Lewisham	TL	01293 621364	085 57364	74 333501
<b>TBROC Angerstein Workstation</b> <b>Deptford/Lewisham to Woolwich Arsenal/Eltham</b>	TL	01293 621393	085 75393	74 333901
<b>TBROC Grove Park “A” Workstation</b> Lewisham to Hayes/Hither Green (excl)	TL	01293 621370	085 75370	74 333601
<b>TBROC Grove Park B Workstation</b> Hither Green to Grove Park (Incl Bromley North Branch)	TL	01293 621371	085 75371	74 333801
TBROC 3A London Bridge Central Workstation London End Bricklayers Arms Jn/South Bermondsey Stn to London Bridge Station	TL	01293-621363	085 75363	74 3331 01
TBROC 3B London Bridge Central Workstation Country End Anerley/East Dulwich to Bricklayers Arms Jn/South Bermondsey Stn	TL	01293-621366	085 75366	74 3332 01
TBROC Charing Cross Workstation London Bridge to Charing Cross station	TL	01293 621362	085 75362	74 3327 01
<b>TBROC Thameslink Core South Workstation</b> Farringdon (incl) to Loughborough Junction (excl)	TVS	01293 621369	085 75369	74 3326 01
<b>TBROC Thameslink Core Central Workstation</b> Farringdon (excl) to Kentish Town (excl) and Camden Road tunnels to St Pancras High Level platforms	TWH	01293 621367	085 75367	74 3325 01
<b>TBROC Streatham Workstation</b> Between Balham Jn (excl) and Norbury Between Tulse Hill (excl) and Streatham South Jn Between Streatham South Jn and Tooting Down & Up Slow Spurs Down & Up Streatham Spurs Reversible Fast Spur	TVC	01293 621352	085 75352	74 3328 01
<b>TBROC Sutton Workstation</b> Wallington/Mitcham Eastfields/ Epsom downs to Sutton Sutton to Cheam/ Haydons Road (Incl Wimbledon P9)	TVC	01293 621353	085 75353	74 3106 01
<b>TBROC Victoria Central Workstation</b> (Battersea park to Victoria P9-19)	TVC	0330 8575003	085 75003	74 3102 01
<b>TBROC Victoria Eastern Workstation</b> Between Battersea Pier Jn (Eastern lines) and Victoria, platforms 1-8)	TVS	0330 8575006	085 75006	74 3107 01
<b>TBROC Clapham Workstation</b> (Between Wandsworth Common and Battersea Park and between Latchmere Jn and North Pole Jn.)	TVC	0330 8575004	085 75004	74 3103 01
<b>TBROC Balham Workstation</b> (Between Wandsworth Common and Balham Jn and between Streatham Hill station and Balham station)	TVC	0330 8575005	085 75005	74 3104 01

## Miscellaneous Instructions - Continued

### Contacting Signal Boxes and GSM-R Signal Boxes/Panels – Continued

<b>Three Bridges Area Signalling Centre (TBASC)</b>	T			
<b>Shift Signaller Manager Desk 1</b>	T	01293 621384	00 61759	74 3289 01
<b>Shift Signaller Manager Desk 2</b>	T	01293 621385	00 61758	74 3289 01
<b>Panel 1a</b> <i>(Norwood Junction to Norwood Fork Junction)</i>	T	01293 621374	00 61751	74 3280 01
<b>Panel 1b</b> <i>(Windmill Bridge Junction/Cottage Junction to South Croydon South Croydon to Upper Warlingham)</i>	T	01293 621375	00 61760	74 3281 01
<b>Panel 1c</b> <i>(Thornton Heath to Selhurst. Norwood Fork Junction (excl) to West Croydon)</i>	T	01293 621376	00 21002	74 2102 01
<b>Panel 2</b> <i>(South Croydon (excl) to south of Stoats Nest Jn on the Quarry lines and to Coulsdon South on the Redhill lines. and Purley to Caterham/Tattenham Corner)</i>	T	01293 621377	00 61752	74 3283 01
<b>Panel 3</b> <i>(Quarry Tunnel/Merstham Tunnel (incl) to Salfords (incl). Redhill to Godstone)</i>	T	01293 621378	00 61753	74 3284 01
<b>Panel 4</b> <i>(Horley (incl) to Balcombe Tunnel Jn (incl) and Three Bridges to Crawley)</i>	T	01293 621379	00 61754	74 3285 01
<b>Panel 5</b> <i>(Balcombe Tunnel Jn (excl) to Patcham Tunnel (incl). Keymer Jn to Plumpton (incl). Ardingly Branch)</i>	T	01293 621380	00 61755	74 3286 01

**Miscellaneous Instructions - Continued**  
**Contacting Signal Boxes and GSM-R Signal Boxes/Panels –**  
**Continued**

Signal Box	Prefi x	External No	Internal No	GSMR No
<b>Panel 6</b> <i>(Patcham Tunnel (excl) to Brighton/Hove). Brighton to Falmer</i>	T	01293 621381	00 61756	74 3287 01
<b>Panel 7</b> <i>Horsham station area (Billingshurst (exclusive) and Three Bridges (exclusive))</i>	T		00 61778 00 61772	74 3288 01
<b>Panel 7a</b>	T	01293 621382		
<b>Panel 7b</b>	T	01293 621383		
<b>Tonbridge</b>	PE	0330 8531542	085 31542	74 2200 01
<b>Victoria Area Signalling Centre (VASC)</b>				
<b>Victoria (SE)</b> Signaller Shift Manager <i>(Battersea Park to Victoria, platforms 9-19)</i>	VS	020 7228 5370	00 25127	74 3101 01
<b>Panel 7</b> <i>(Between Linford St Jn and Brixton Jn and Canterbury Road Jn (main line) Between Latchmere Jn and Factory Jn and Shepherds Lane Jn. Lines via Stewarts Lane including depot)</i>	VS	0330 8553307	08553307	74 3109 01
<b>Panel 8</b> <i>(Between Ravensbourne and Loughborough Jn via Nunhead (Catford Loop) Between Shepherds Lane Jn and Peckham Rye on the Atlantic Lines)</i>	VS	0330 8553308	08553308	74 3110 01
<b>Panel 9</b> <i>(Between Beckenham Jn and Herne Hill via main line)</i>	VS	0330 8553309	08553309	74 3111 01
<b>Panel 10</b>  <i>(Between Bat and Ball/Kemsing and Swanley via Otford. Between Longfield and Ravensbourne via Swanley, Bickley / Bromley South)and Shortlands</i>	VS			74 3112 01/ 74 3113 01
<b>Panel 10A</b>		03308553310	08553310	
<b>Panel 10B</b>		03308553312	08553312	
<b>Wateringbury</b>	WB	01233 617746	013 7746	74 2212 01

**Miscellaneous Instructions - Continued**  
**Contacting Signal Boxes and GSM-R Signal Boxes/Panels – Continued**

Signal Box	Prefix	External No	Internal	GSM-R No
<b>Westbury</b> <i>- Lavington (excl.) to Fairwood Jn (incl.) via Westbury station or Westbury avoiding line, also Heywood Road Jn to Bradford-on-Avon (incl.), also Hawkeridge Jn to Warminster (incl.) and Fairwood Jn (incl.), also Thingley Jn (excl.) to Bradford Jn - Fairwood Jn (excl.) to Somerton Tunnel (incl.), Yeovil Pen Mill (excl.), Merehead and Cranmore via Frome station or Frome avoiding line; also Frome North Jn to Whatley Quarry-</i>	W	01373 826518	  07 47212/3  07 47214 / 5	
<b>Wimbledon</b> , Signaller Shift Manager  <i>W'loo pl. 1-14 &amp; Main line - Clapham Junction W'loo pl. 15-24 &amp; Windsor lines to Putney Clapham Junction - Berrylands Kingston - Putney Bridge Wimbledon (Including LUL) Raynes Park (excl) - Boxhill - Bookham Ewell East - Chessington Putney - North Sheen, Barnes - Chiswick</i>	W  Panel 1 Panel 2 Panel 3 Panel 4 Panel 5	020 8540 1901  020 8545 5521 020 8545 5522 020 8545 5523 020 8545 5524 020 8545 5525	00 62525 00 62254 00 62521 / 62311 00 62522 / 62212 00 62523 / 62263 00 62524 / 62214 00 62576	  74 4112 01 74 4112 01 74 4113 01 74 4114 01 74 4115 01 74 4116 01
Wimbledon Duty Shift Manager	W	020 8540 1901	00 62525 00 62254 00 62226	74 4117 01
All Desks	W		00 62345	
<b>Panel 2</b> <i>(Waterloo International to Clapham Jn.)</i>	W	020 8545 5522	00 62522 00 62212	
<b>Woking</b> <i>-West Byfleet (incl) to Farnborough (excl), Woking Jn to Worplesdon and Pirbright Jn to Ash Vale (excl) Berrylands to West Byfleet (excl), Chertsey (excl) to Weybridge and Addlestone Jn to Byfleet Jn Hampton Court Jn to Hampton Court/ Cobham</i>	WK	01483 714898	00 69410  00 69420	74 4108 01  74 4109 01
<b>Woking Panel 3</b> Ash Vale to Alton Aldershot South Junction (excl) Ash Vale to Frimley		01483 749469	00 69469	74 4121 01

**Miscellaneous Instructions - Continued**  
**Contacting Signal Boxes and GSM-R Signal Boxes/Panels – Continued**

WASC LOMs Office		033085 29522	085 29522	
Woking ASC 1st Flr Ops Rm back desk Tel		033085 29512	085 29512	
Woking ASC D/L to Eastleigh ECR		033085 29508	085 29508	
Woking ASC Pan 1 DL to Raynes Pk ECR		033085 29555	085 29555	
Woking ASC Pan 1 DL to Cntrl B/stoke		033085 29505	085 29505	
Woking ASC Pan 3 DL to Cntrl B/stoke		033085 29531	085 29531	
Woking ASC Pan 3 DL to Eastleigh ECR		033085 29559	085 29559	
Woking ASC Panel 1 Ops Tel		033085 29459	085 29459	
Woking ASC Panel 2 Tel		033085 29532	085 29532	
Woking ASC Panel 3 Ops Tel		033085 29598	085 29598	
Woking CRE portacabin EMP desk		033085 29468	085 29468	
Woking MOMS Office Woking Box		033085 29465	085 29465	
Woking SB Electrical Switch Room Tel		033085 29517	085 29517	
Woking Signal Box Fax		033085 29488	085 29488	
Woking Signal Box Plant desk ETD		033085 29506	085 29506	
Woking Signal Box S&T Phone		033085 29526	085 29526	
Woking Signal Box Signalling Modem		033085 29504	085 29504	
Wokingham	WM	01189 892101	00 67418	74 4104 01
Yeovil Pen Mill	YPM	01935 471058	074 7333	74 4204 01

## **Miscellaneous Instructions - Continued**

### **Contacting Signal Boxes and GSM-R Signal Boxes/Panels – Continued**

<b>SIGNAL BOX/PANEL - WESTERN</b>	<b>SIGNAL PREFIX</b>	<b>GSM-R CONTACT NUMBER</b>
<b>Thames Valley SC Shift Signalling Manager</b>	-	74 5100 01
<b>Thames Valley SC Paddington workstation</b> GSM-R coverage area: Paddington to Acton West Jn (excl), Old Oak Common West to Park Royal Jn	SN	74 6100 01
<b>Thames Valley SC Acton workstation</b> GSM-R coverage area: Acton West Jn to Southall West Jn (excl), West Ealing Jn to South Greenford (excl), Hanwell to Drayton Green Jn	SN	74 6105 01
<b>Thames Valley SC Hayes workstation</b> GSM-R coverage area: Southall West Jn to Stockley Bridge Jn, Heathrow Branch to Terminals 4 & 5	SN	74 6106 01
<b>Thames Valley SC Twyford workstation</b> GSM-R coverage area: Reading Platforms 4, 5 & 6, Ruscombe to Kennet Loop, Twyford to Henley	TR DM UM	74 5105 01
<b>Thames Valley SC Reading Station workstation</b> GSM-R coverage area: Reading New Jn to Reading West Jn (excl) except Reading Platforms 4, 5 & 6	TR	74 5111 01
<b>Thames Valley SC West Junction workstation</b> GSM-R coverage area: Reading West Jn to Cholsey and Oxford Road Jn, Oxford Road Jn to Southcote Jn, Southcote Jn to Route Boundary and Drakes No2 LC	TR	74 5106 01
<b>Thames Valley SC Newbury workstation</b> GSM-R coverage area: Oxford Road Jn to Lavington	TR	74 5110 01
<b>Thames Valley SC Didcot workstation</b> GSM-R coverage area: Moreton Cutting to Challow, Didcot East Jn to Didcot North Jn, Foxhall Jn to Didcot West Curve Jn, Didcot West Jn to Radley (excl)	SB	74 5107 01

### **GSM-R – ELECTRICAL CONTROL ROOM (ECR) CONTACT NUMBERS – KENT/SUSSEX**

<b>ELECTRICAL CONTROL ROOM</b>	<b>GSM-R CONTACT NUMBER</b>
<b>ECO Brighton</b>	74 4030 03
<b>ECO Eastleigh</b>	74 4042 03
<b>ECO Raynes Park</b>	74 4040 03
<b>ECO Selhurst</b>	74 4041 03

### **GSM-R – ROUTE CONTROL CONTACT NUMBERS – KENT/SUSSEX**

<b>NETWORK RAIL OPERATIONS CONTROL</b>	<b>GSM-R CONTACT NUMBER</b>
<b>Network Delivery Manager Kent Inner</b>	74 3020 02
<b>Network Delivery Manager Kent Outer</b>	74 3021 02
<b>Network Delivery Manager Sussex Inner</b>	74 3030 02
<b>Network Delivery Manager Sussex Outer</b>	74 3031 02

### **GSM-R – ROUTE CONTROL CONTACT NUMBERS – WESSEX**

<b>NETWORK RAIL OPERATIONS CONTROL</b>	<b>GSM-R CONTACT NUMBER</b>
<b>Route Control Manager Wessex Inner</b>	74 3040 02
<b>Route Control Manager Wessex Outer</b>	74 3041 02

### **GSM-R – ELECTRICAL CONTROL ROOM (ECR) CONTACT NUMBERS – WESSEX**

<b>ELECTRICAL CONTROL ROOM</b>	<b>GSM-R CONTACT NUMBER</b>
<b>ECO Eastleigh</b>	74 4042 03
<b>ECO Raynes Park</b>	74 4040 03

## **Miscellaneous Instructions - Continued**

### **NETWORK RAIL ELECTRICAL CONTROL ROOMS**

<b>CONTROL ROOM</b>	<b>EMERGENCY LINE</b>	<b>INTERNAL NUMBER</b>	<b>EXTERNAL NUMBER</b>	<b>MOBILE (in emergency)</b>
BRIGHTON	171	00 61284	01273 820050	07771 672803
CANTERBURY	175	085 41190 (Emergency) 085 41191 (Non-Emergency)	0330 854 1190 (Emergency) 0330 854 1191 (Non-Emergency)	07771 612364
EASTLEIGH	173	075 7547 075 7472	02380 613314	07771 830393
LEWISHAM	177	085 41070 (Emergency) 085 41071 (Non-emergency)	0330 854 1070 (Emergency) 0330 854 1071 (Non-emergency)	07771 612930
PADDOCK WOOD	172	08541075	03308541075	
ECO PADDOCK WOOD NON-EMERGENCY		08541076	03308541076	07771830372
RAYNES PARK	178	00-62900 00-62901	020 8545 5900	07771 613564
RUGBY	172 (London end) 177 (West Coast)	050-6422 050-6533	01788 555422	
SELHURST	179	00-66993	020 8653 6297	07771 830361

### **CROYDON TRAM LINK**

020 8689 5613 (Emergency line)

020 8689 7251

### **CONTACTING LEWISHAM ELECTRICAL CONTROL ROOM**

**From immediate effect, unless you have a direct line or 'hotline', anyone wishing to speak to the LEWISHAM Electrical Control Room should use the following numbers:**

Emergency – 085 41070 (External – 0330 854 1070)

Non-emergency – 085 41071 (External – 0330 854 1071)

Previous contact numbers will divert to the lines above, but incoming calls will not be identified with caller ID and could lead to you waiting longer to be answered.

Emergency short code (only from railway ETD) – 177 remains active.

**Please ensure any mobile phones/speed dials are updated at the earliest opportunity.**

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173	06 June 2015
174	06 June 2015
175	06 June 2015
176	06 June 2015
177	07 June 2014
178	07 June 2014
179	02 December 2017
180	02 December 2017
181	07 June 2014
182	07 June 2014
183	06 June 2015
184	06 June 2015
185	07 June 2014
186	07 June 2014

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# TS1 Issue 14 General Signalling Regulations and referenced in Handbooks; 6 - IWA, 7 - COSS and 20 – SWL - the Crossing the Line Procedure

## Wessex Route

The use of Crossing The Line Procedure (CTLP) is authorised throughout Network Rail Kent, Sussex and Wessex Routes subject to the conditions shown below, and as shown in the following tables.

Only authorised staff may use CTLP

You have been briefed on the specific requirements for each location

The following locations are authorised for CTLP on the Wessex route:

Routes and Locations on which CTLP can be used (Subject to conditions as stated in Preamble)	Remarks and unique reference number
<b>SW100 Waterloo to Clapham Junction</b>	
Queenstown Road (Battersea)	CTLP - WX-CTL-QTRD – 2m,38ch
<b>SW105 Clapham Junction to Weymouth</b>	
Brockenhurst Country End	WX-CTL-BHCE - 93m 30ch
Hinton Admiral to Christchurch	WX-CTL-HINSUB – BML2 102m 10ch
Hinton Admiral to Christchurch	WX-CTL-SALRD – BML2 103m 09ch
Christchurch to Pokesdown	WX-CTL-IFORD – BML2 105m 02ch
Pokesdown to Bournemouth	WX-CTL-SOUTHRD – BML2 107m 07ch
Bournemouth London End	WX-CTL-BOLE – BML2 107m,55ch
Bournemouth Country End	WX-CTL-BOCE-166 – BML2 108m 49ch
Bournemouth Country End	WX-CTL-BOCE - BML2 108m,60ch
Bournemouth Country End	WX-CTL-GLENAVE – BML2 109m 33ch
Poole Station London End	WX-CTL-PSLE, BML2 - 113m 40ch
Poole Station Country End	WX-CTL-PSCE STERTE RD - BML2 114m 24ch
Pool Station Country End	WX-CTL-PSCE - BML2 114m, 40ch
Hamworthy to Holton Heath	WX-CTL-RVLE – BML2 116m 61ch
Hamworth to Holton Heath	WX-CTL-RVCE – BML2 116m 79ch
Holton Heath to Wareham	WX-CTL-WSLE - 120m, 40ch
Wareham Station	WX-CTL-WSCE, BML2 - 121m 02ch
Dorchester South Country End	WX-CTL-DSCE, BML3 - 162m 21ch
Bincombe Tunnel London End	WX-CTL-BTLE, BML3 - 164m 40ch
<b>SW110 Woking Junction to Portsmouth Harbour</b>	
Havant Station London End	WX-CTL-HSLE, WPH2 - 37m 34ch
<b>SW120 Pirbright Junction To Alton</b>	
Pirbright Junction to Ash Vale	WX-CTL-PBSS, PAA1 – 29m, 60ch
Pirbright Junction to Alton	WX-CTL-AVAS, PAA1 – 32M, 30ch
<b>SW150 Redbridge to Salsbury Tunnel Junction</b>	
East Grimstead GF	WX-CTL-EGGF-RTJ2 90m 13ch
<b>SW170 Westbury to Wilton Junction</b>	
Wilton North	WX-CTL-WILTN - SAL 131m 53ch
Wilton Junction to Warminster	WX-CTL-LLLC-SAL 126m 54ch
Wilton Junction to Warminster	WX-CTL-GTWSH-SAL 128m 18ch
<b>SW175 Castle Cary to Dorchester Junction</b>	
Yeovil Pen Mill	WX-CTL-YVCP – WEY 141m 34ch
<b>SW205 Leatherhead to Effingham Junction</b>	
Effingham Substation	WX-CTL-EJSS – LEJ 22m 09ch
<b>SW220 Latchmere Junction to Kensington Olympia</b>	
Sheepcote Lane	WX-CTL-SHCT - SCC 3m 35ch
<b>SW260 Ascot to Ash Vale Junction</b>	
Frimley TP Hut	WX-CTL-FTPH – AAV 37m 10ch

Kent / Sussex Route GI - Dated: 13/07/2024

# TS1 Issue 17 General Signalling Regulations and referenced in Handbooks; 6 - IWA, 7 - COSS and Track

## Workers Manual

### Kent Route

The use of Crossing The Line Procedure (CTLP) is authorised throughout Network Rail Kent, Sussex and

Wessex Routes

subject to the conditions shown below, and as shown in the following tables. Only authorised staff may use CTLP

You have been briefed on the specific requirements for each location.

The following locations are authorised for CTLP on the Kent route

<b><u>Routes and Locations on which CTLP can be used</u></b> <b><u>(Subject to conditions as stated in Preamble)</u></b>	<b><u>Remarks and unique reference number</u></b>
<b>SO110 Victoria to Ramsgate (via Herne Hill and Chatham)</b>	
Cobhambury road bridge	CTLP-KNT-Kent-02-VIR-28m25ch
Woodlands road bridge	CTLP-KNT-Kent-03-VIR-36m58ch
Hartley Bottom access point	CTLP-KNT-Kent-04-VIR-24m58ch
St Anne's	CTLP-KNT-Kent-05-VIR-51m40ch
Faversham CS	CTLP-KNT-Kent-06-VIR-52m23ch
Otterham Quay Lane to Access 2084 Points	CTLP-KNT-Kent-07-VIR-39m40ch
Breach Lane bridge	CTLP-KNT-Kent-08-VIR-40m63ch
Four Oaks Bridge	CTLP-KNT-Kent-09-VIR-50m22ch
Coldharbour bridge	CTLP-KNT-Kent-23-VIR-42m69ch
Twydall footbridge	CTLP-KNT-Kent-28-VIR-37m48ch
Smarts Crossing footbridge	CTLP-KNT-Kent-29-VIR-38m28ch
St. Mary Cray Substation	CTLP-KNT-Kent-39-VIR-14m41ch
Longfield Station (a.k.a. Fawkham Jcn FTN)	CTLP-KNT-Kent-42-FJS-22m1401yds
Bickley Jun PHCC A	CTLP-KNT-Kent-45-VIR-11m54.5ch
Clapham FTN	CTLP-KNT-Kent-67-VIR-02m48.5ch
<b>SO130 Charing Cross / Cannon Street to Dover Priory / Eurotunnel Interface (via Tonbridge)</b>	
Ashford Platform 1 London End	CTLP-KNT-Kent-10-XTD-56m02ch
Moss Bridge 334	CTLP-KNT-Kent-11-XTD-42m22ch
Moss Lane Bridge 334	CTLP-KNT-Kent-12-XTD-42m22ch
Hawkenbury Road Bridge Up	CTLP-KNT-Kent-13-XTD-42m56ch
Hawkenbury Road Bridge Down	CTLP-KNT-Kent-14-XTD-42m56ch
River Beult A Bridge Up	CTLP-KNT-Kent-15-XTD-43m12ch
River Beult A Bridge Down	CTLP-KNT-Kent-16-XTD-43m12ch
River Beult B Bridge Up	CTLP-KNT-Kent-17-XTD-43m60ch
River Beult B Bridge Down	CTLP-KNT-Kent-18-XTD-43m60ch
Frittenden Road Bridge (Water Lane) Up	CTLP-KNT-Kent-19-XTD-44m30ch
Frittenden Road Bridge (Water Lane) Down	CTLP-KNT-Kent-20-XTD-44m30ch
Frittenden Culvert 344 Up	CTLP-KNT-Kent-21-XTD-44m32ch

Frittenden Culvert 344 Down	CTLP-KNT-Kent-22-XTD-44m32ch
Parks Bridge Jun PHCC A (NCS)	CTLP-KNT-Kent-58-NCS-06m868yds
Parks Bridge Jun PHCC A (XTD)	CTLP-KNT-Kent-76-XTD-06m22ch
Chislehurst C/E PHCC	CTLP-KNT-Kent-80-XTD-11m26.5ch
<b>SO140 Swanley to Ashford</b>	
Littlebrowns Substation (a.k.a. Noah's Arc Substation)	CTLP-KNT-Kent-41-SBJ-26m31ch
Swanley Jun C/E Maidstone	CTLP-KNT-Kent-43-SBJ-17m65ch
Otford Jun PHCC	CTLP-KNT-Kent-46-SBJ-24m54ch
Otford Substation	CTLP-KNT-Kent-73-OJS-24m60ch
Addington FTN	CTLP-KNT-Kent-75-SBJ-32m1406yds
Hothfield Substation	CTLP-KNT-Kent-82-SBJ-56m22ch
<b>SO150 Sittingbourne (Eastern Jn) to Sheerness-on-Sea</b>	
Swale Station	CTLP-KNT-Kent-24-SEJ2-47m14ch
Kemsley substation	CTLP-KNT-Kent-30-SEJ2-45m61ch
Sheerness GSMR site	CTLP-KNT-Kent-31-SEJ2-49m56ch
<b>SO170 Tonbridge to Bo Peep Jn</b>	
Bayhem Road Bridge - Up Line	CTLP-KNT-Kent-47-TTH-36m42ch
Bayhem Road Bridge - Down Line	CTLP-KNT-Kent-48-TTH-36m42ch
Bells Yew TTH 30 - Down Main	CTLP-KNT-Kent-49-TTH-36m66ch
Bells Yew TTH 30 - Up Main	CTLP-KNT-Kent-50-TTH-36m66ch
Green Man Bridge TTH 37	CTLP-KNT-Kent-51-TTH-38m52ch
Huggets Bridge TTH 27	CTLP-KNT-Kent-52-TTH-35m63ch
Shant Bridge/Snape Bridge TTH 45	CTLP-KNT-Kent-53-TTH-41m45ch
Castlebridge	CTLP-KNT-Kent-54-TTH-51m36ch
Stonehouse Bridge TTH 127	CTLP-KNT-Kent-72-TTH-58m37ch
Fair Crouch Road Bridge TTH 38	CTLP-KNT-Kent-78-TTH-39m05ch
<b>SO180 Paddock Wood to Maidstone West</b>	
Barming bridge	CTLP-KNT-Kent-37-PWS1-42m18ch
<b>SO220 Ashford to Ramsgate (via Canterbury West)</b>	
Milton TPH	CTLP-KNT-Kent-32-ACR-67m69ch
Westbere foot crossing for access to Wetbere TP Hut	CTLP-KNT-Kent-33-ACR-73m78ch
Canterbury Viaduct	CTLP-KNT-Kent-34-ACR-69m45ch
<b>SO260 Brixton Jn to Shortlands Jn</b>	
Crofton Park TP Hut	CTLP-KNT-Kent-65-CAT-07m21ch
Bellingham Jun Points Heating	CTLP-KNT-Kent-69-CAT-09m00ch
<b>SO280 Farringdon to Herne Hill</b>	
Loughborough Jun points Heating	CTLP-KNT-Kent-68-HHH/LOC-03m39ch
Blackfriars Jun Points heating A	CTLP-KNT-Kent-79-HHH-0m1239yds
<b>SO290 North Kent East Jn to Dartford Jn (via Greenwich)</b>	
Charlton Turnback PHCC	CTLP-KNT-Kent-57-NKL-07m1689yds
Crayford Spur A PHCC	CTLP-KNT-Kent-64-NKL-16m41ch
<b>SO310 Hither Green to Maidstone West (via Dartford)</b>	
Strood Car park	CTLP-KNT-Kent-01-HDR-31m20.5ch
Amadeus night club (a.k.a. Hollywood bowl)	CTLP-KNT-Kent-35-PWS2-32m45ch
Maidstone substation	CTLP-KNT-Kent-36-PWS2-41m70ch
Lee Substation	CTLP-KNT-Kent-56-HDR-08m55ch

Crayford Spur PHCC A (a.k.a. Crayford Spur B PHCC)	CTLP-KNT-Kent-63-HDR/CRA-16m44ch
Crayford B STANHAM Farm (a.k.a Crayford Spur FTN (Dartford Loop Lines))	CTLP-KNT-Kent-71-HDR-16m248yds
<b>SO330 Nunhead to Hayes</b>	
Ladywell Jun FTN 6204	CTLP-KNT-Kent-59-LCH-06m34ch
<b>SO350 Grove Park to Bromley North</b>	
Grove Park FTN	CTLP-KNT-Kent-61-BNG-09m20ch
<b>SO510 London Bridge to Epsom Downs</b>	
Forest Hill TP Hut	CTLP-KNT-Kent-81-LBW-5m839yds
<b>SO680 South Bermondsey Jn to Horsham</b>	
Utley Junction	CTLP-KNT-Kent-55-BTH1-02m02ch
Queens Rd station Peckham FTN	CTLP-KNT-Kent-62-BTH1-03m20ch
Old Kent Road Junction	CTLP-KNT-Kent-77-BTH1-02m500yds

**South East (Kent, Sussex, Wessex) Territory GI - Dated: 06/10/24**



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# Rule Book Module TS1 - General signalling regulations

## Section 13, Clause 13.2 - IWA, COSS or PC blocking a line

### Crossing the Line Procedure (CTLP)

Sussex Route

GE/RT8000/TS1 General Signalling Regulations, regulation 13.2, GE/RT8000/HB7 General Duties of a controller of site safety (COSS), regulation 3.1, GE/RT8000/HB6 General duties of an Individual Working Alone (IWA), regulation 3.1 and GE/RT8000/HB20 Duties of a Safe Work Leader (SWL) Working Outside a Possession, regulation 3.1.

The use of 'Crossing The Line Procedure (CTLP)' is authorised throughout the Network Rail Sussex Route.

Only authorised staff may use CTLP at each specific location and will have been briefed on conditions of use.

The following locations have been risk assessed and are authorised for CTLP on the Sussex Route.

<b><u>Routes and Locations on which Crossing The Line Procedure can be used</u></b> <b><u>(Subject to conditions as stated in Preamble)</u></b>	<b><u>Remarks</u></b> <b><u>And unique reference number</u></b>
SO500 Victoria to Brighton	
ELR: VTB1 Cottage Bridge at 9m 67ch / LBW 9m 46ch	SX-CTL-171
ELR: VTB2 East Croydon Platform 6 at 10m 19ch	SX-CTL-107
ELR: VTB2 East Croydon Platform 3 at 10m 34ch	SX-CTL-108
ELR: VTB2 Barclay Road Bridge at 10m 36ch	SX-CTL-109
ELR: VTB3 Ouse Valley Viaduct 35m 20ch	SX-CTL-005
ELR: VTB3 Burgess Hill T372 signal at 41m 60ch	SX-CTL-166
ELR: VTB3 Burgess Hill TP Hut at 42m 30ch	SX-CTL-160
ELR: VTB3 between Burgess Hill and Hassocks at 42m 70ch	SX-CTL-161
ELR: VTB3 Pangdean Substation at 46m 31ch	SX-CTL-056
ELR: VTB3 Patcham RRV at 47m 39ch	SX-CTL-064
SO510 London Bridge to Epsom Downs	
ELR: BJN1 Norwood Jn Substation at 8m 5ch	SX-CTL-129
ELR: LBW between Norwood Jn Station and Gloucester Road Jn at 9m 17ch	SX-CTL-103
SO520 Three Bridges to Portsmouth Harbour	
ELR: TBH2 Barnham FTN at 22m 56ch	SX-CTL-138
ELR: TBH2 Bosham at 31m 49ch	SX-CTL-029
SO530 South Croydon to East Grinstead	
ELR: SCU1 Oxted M25 at 19m 25ch	SX-CTL-174
ELR: SCU1 Chalkpit Lane at 19m 38ch	SX-CTL-115
ELR: HGG1 between Hurst Green and Lingfield at 22m 48ch	SX-CTL-098
ELR: HGG1 between Hurst Green and Lingfield at 25m 19ch	SX-CTL-099
ELR: HGG1 between Dormans and East Grinstead at 28m 31ch	SX-CTL-169

Portsmouth Harbour	Up and Down Fratton (Up direction)	HT422	No telephone provided
	Up and Down Fratton (Up direction)	HT424	No telephone provided
	Up and Down Fratton (Up direction)	HT426	No telephone provided
	Up and Down Fratton (Down direction)	HT427	No telephone provided
	Up and Down Fratton (Down direction)	HT429	No telephone provided
	Back Road (Down direction)	HT461	No telephone provided
	Back Road (Up direction)	HT552	No telephone provided
	Down Main (Up direction)	HT554	No telephone provided
	Down Main (Down direction)	HT571	No telephone provided
	Down Main (Up direction)	HT572	No telephone provided
	Up and Down Fratton (Down direction)	HT573	No telephone provided
	Up Main (Down direction)	HT575	No telephone provided
	Platform 4 line (Down direction)	HT495	No telephone provided
	Platform 1 line (Down direction)	HT499	No telephone provided
SO550 Redhill to Tonbridge			
Redhill	Up Tonbridge	T502	Down Direction
Tonbridge	Down Tonbridge	T495	
	Down Godstone	AD525	
SO590 Keymer Jn to Eastbourne			
Polegate and Berwick	Up Eastbourne	TEB1360	
Hampden Park and Polegate	Up Eastbourne	TEB1374	
Polegate and Hampden Park	Down Eastbourne	TEB1379	
SO600 Willingdon Jn to Ashford			
Willingdon Jn and Pevensey & Westham	Down Bexhill	TEB1415	
Willingdon Jn and Pevensey & Westham	Down Bexhill	TEB1417	
Normans Bay and Pevensey Bay	Up Bexhill	TEB1426	
SO645 Battersea Park to Peckham Rye			
Stewarts Lane	Up Stewarts Lane	VS60	
Denmark Hill	Down Atlantic	VS429	
Shepherds Lane	Down Atlantic	VS107	
SO650 Balham Jn to Beckenham Jn			
Balham Jn and Streatham Hill Station	Streatham Hill Up Sidings West	TVC155	Down Direction No phone provided



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# Rule Book Module S4 - Trains or shunting movements detained, or vehicles left, on running lines

## Section 3 - Limited clearance at signal post telephones

### Wessex Route

#### Detention of trains on running lines – use of signal post telephones

Signals equipped with a white diamond sign with the letter 'T' have had the associated white flashing light disconnected. These signals have been provided with a sign (black cross on a white background)

Drivers must comply with the provisions of Section 5 when detained at these signals.

In connection with this Section, signals that have telephones restricted for use are shown below.

Between/Location	Line	Signal	Note
<b>SW100 Waterloo to Clapham Junction</b>			
Waterloo	Up Main Slow	W2	
	Up Main Fast	W4	
	Up Main Relief	W6	Up direction
	Up Windsor	W10	Up direction
Waterloo and International Jn	Windsor Reversible	W49	Down direction
Waterloo West Crossings	Up Windsor	W53	
	Down Windsor	W55	
	Up Windsor	W57	Down direction
	Up Main Relief	W59	Down direction
Carlisle Lane Jn	Up Main Slow	W14	
	Up Main Fast	W16	
	Up Windsor	W22	
Carlisle Lane Jn and Vauxhall	Down Windsor Slow	W61	
	Down Main Slow	W63	
	Down Main Fast	W65	
	Down Main Fast	W75	
	Windsor Reversible	W913	Down Direction
	Down Windsor Fast	W67	
	Up Windsor	W32	
	Up Main Fast	W34	
	Down Windsor Slow	W77	
	Down Windsor Fast	W79	
	Windsor Reversible	W917	Down Direction
	Up Windsor	W44	
	Up Main Slow	W50	
	Up Main Fast	W52	
Vauxhall	Up Windsor	W54	
	Up Main Slow	W60	
Vauxhall and Nine Elms	Up Main Fast	W62	
	Up Windsor	W64	
	Down Main Fast	W93	
	Down Windsor Slow	W97	
Nine Elms Jn	Down Windsor Fast	W99	
	Windsor Reversible	W923	Down direction

<b>SO240 Buckland Jn to Minster East Jn</b>	
Martin Mill to Walmer	Up - EBZ7 to Cold Blow crossing (inclusive) Dn - EBZ84 to Cold Blow crossing (inclusive)
<b>SO250 Battersea Pier Jn to Wembley</b>	
Stewarts Lane to Latchmere Jn	NIL
Clapham Jn (Platforms 16 & 17) to Latchmere Jn	NIL
Latchmere Jn To Mitre Bridge Jn	NIL
Factory Jn to Clapham Jn (W)	NIL
Longhedge Jn to Pouparts Jn	NIL
<b>SO260 Brixton to Shortlands Jn</b>	
Brixton to Shortlands Jn	NIL
<b>SO280 Farringdon to Herne Hill</b>	
Farringdon to Herne Hill	South of Elephant & Castle Up Holborn Slow TVS1288 & Up Holborn Fast TVS1094 to TVS1044 at Farringdon Station. On the approach to Farringdon Station Down line TVS1045 to TVS1095 Down Holborn Slow & TVS1289 Down Holborn Fast. Including ALL Routes/Lines from Ewer Street Junction/Metropolitan Junction to Blackfriars Junction inclusive. Emergency Point and Route Release and PoSA Area.
Loughborough Jn to Cambria Jn	NIL
Loughborough Jn. to Canterbury Road Jn.	NIL
<b>SO290 North Kent East Jn to Dartford Jn (via Greenwich)</b>	
Perry Street Fork Jn to Slade Green	NIL
Crayford Spur A Jn to Crayford Spur B Jn	NIL
<b>SO300 Lewisham to Crayford Creek Jn (via Bexleyheath)</b>	
Perry Street Fork Jn to Slade Green	NIL
<b>SO310 Hither Green to Rochester Bridge Jn (via Dartford)</b>	
Crayford Spur A Jn to Crayford Spur B Jn	NIL
<b>SO330 Nunhead To Hayes</b>	
Nunhead to Hayes	NIL
Parks Bridge Jn to Ladywell (Ladywell Loop)	NIL
New Beckenham to Beckenham Jn	NIL
<b><u>SO650 Balham Jn to Beckenham Jn</u></b>	
Battersea Pier Jn to Peckham Rye (via Stewarts Lane and Atlantic lines)	NIL
Battersea Park Jn to Factory Jn	NIL
Herne Hill to Tulse Hill	NIL
<b><u>SO680 South Bermondsey Jn to Horsham</u></b>	
Old Kent Road Jn to Peckham Rye Jn	Down South London TL619 to VS422 Up Atlantic Down Atlantic VS441 to TL620 Up South London
Peckham Rye Jn to Ewell East	Down Peckham Rye Jn to W453 W454 to Peckham Rye Jn
Ashtead	Up - W476 to Ashtead level crossing (inclusive) Dn - W475 to Ashtead level crossing (inclusive)

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# Rule Book Module TW1 - Preparation and movement of trains

## Section 5, Clause 5.1 - Broken, distorted or damaged rails and broken fishplates

### Sussex Route

#### Examination of broken rails in tunnels

For the purpose of carrying out Rule Book, Module TW1, Section 5.1, the following tables identify those tunnels that are 800 metres (40 chains) or less in length for which the following procedure must be applied:

The person carrying out the examination must block the affected line as shown in Handbook 8, Handbook 20, and advise the Signaller that they will be entering the tunnel to examine the line.

Having established that it is safe to pass a train over the break at 5mph, the person carrying out the examination must establish a position of safety outside of the tunnel before giving up blockage of the affected line as shown in Handbook 8 or Handbook 20. The Signaller must then be advised that one train may be permitted to pass over the affected line.

The defective rail must be re-examined after the passage of each train.

The Signaller will then instruct the Driver that the emergency speed restriction is throughout the length of the tunnel.

Location / Name of tunnel	Mileage		Fixed communications	
	London End	Country End	London End	Country End
<b>SO500 Victoria to Brighton</b>				
Redhill Sand Tunnel	20m 62ch	21m 12ch	Direct line - Three Bridges ASC	Direct line - Three Bridges ASC
Haywards Heath Tunnel	38m 05ch	38m 17ch	Dial phone at portal Direct line - Three Bridges ASC	Dial phone at portal Direct line - Three Bridges ASC
Patcham Tunnel	47m 63ch	48m 07ch	Direct line - Three Bridges ASC	Direct line - Three Bridges ASC
Cliftonville Tunnel	49m 56ch	50m 00ch	Direct line - Three Bridges ASC	Direct line - Three Bridges ASC
<b>SO520 Three Bridges to Portsmouth Harbour (Via Horsham)</b>				
North Stoke Tunnel	55m 30ch	55m 33ch	Dial phone at portal	Dial phone at portal
<b>SO530 South Croydon to East Grinstead</b>				
Riddlesdown Tunnel	13m 48ch	14m 06ch	Dial phone at portal Direct line - Three Bridges	Dial phone at portal Direct line - Three Bridges
Limpsfield Tunnel	20m 58ch	21m 03ch	Dial phone at portal	Dial phone at portal
<b>SO540 Hurst Green to Uckfield</b>				
Edenbridge Tunnel	24m 09.5ch	24m 24ch	Nil	Dial phone at portal

<b>SO590 Keymer Jn to Eastbourne</b>				
Lewes Tunnel	49m 49ch	49m 67ch	SPT on LW1 (Down)	Dial phone at portal Three Bridges Operating Centre – Lewes Workstation
<b>SO620 Brighton to Seaford</b>				
Ditchling Road Tunnel	00m 63ch	00m 66ch	Direct line - Three Bridges & SPT T701	Direct line - Three Bridges ASC
Falmer Tunnel	03m 62ch	04m 05ch	Direct line - Three Bridges ASC	Direct line - Three Bridges ASC
Kingston Tunnel	07m 13ch	07m 18ch	Three Bridges Operating Centre – Lewes Workstation	Three Bridges Operating Centre – Lewes Workstation
<b>SO630 Brighton to Littlehampton</b>				
Hove Tunnel	00m 30ch	00m 40ch	Direct line - Three Bridges ASC	Direct line - Three Bridges ASC
<b>SO650 Balham Jn Tunnel to Beckenham Jn</b>				
Leigham Court Tunnel	06m 00ch	06m 17ch	SPT TVC770	SPT TVC708
Crystal Palace	08m 16ch	08m 49ch	SPT TVC727	SPT TVC734, TVC732 and TVC730 at Crystal Palace Station (Up)
<b>SO660 Purley to Tattenham Corner</b>				
Kingswood Tunnel	21m 36ch	21m 50ch	Direct line - Three Bridges ASC	Direct line - Three Bridges ASC
Hoppity Tunnel	21m 61ch	21m 63ch	Direct line - Three Bridges ASC	Direct line - Three Bridges ASC
<b>SO680 South Bermondsey to Horsham</b>				
Knights Hill Tunnel	05m 32ch	05m 56ch	SPT TVC755	SPT TVC762 at Tulse Hill Station
Leigham Tunnel	06m 62ch	06m 76ch	SPT TVC733	SPT TVC774
Streatham Tunnel	07m 09ch	07m 19ch	SPT TVC775	SPT TVC778 at Streatham Station
Betchworth Tunnel	22m 60ch	22m 77.5ch	Dial phone at portal	Dial phone at portal

**South East (Kent, Sussex, Wessex) Territory GI - Dated: 02/11/24**

## Axle counters - lines equipped

The following lines of route are equipped with Axle Counters:

Route	Sections of line Equipped
SO110 Victoria to Ramsgate (via Herne Hill and Chatham)	Up and Down Chatham lines from country side of Longfield Station (24m 04ch) to London side of Gillingham Station (35m 54ch). Up and Down Chatham lines from country side of Gillingham Level Crossing (36m 35ch) to London side of Faversham Station (51m 31ch). Up and Down Thanet lines from Country side of Faversham station ( 52m 31ch) to Country side of Dumpton Park station (78m 46ch).
SO150 Sittingbourne (Eastern Jn) to Sheerness on Sea	Up and Down Sheppey Spur lines from Western Junction (43m 70ch) to Middle Junction (44m 13ch). Up and Down Sheppey lines from Eastern Junction (0m 00ch) to Middle Junction (00m 23ch). Up and Down Sheppey lines from Middle Junction (44m 13ch) to country side of Middle Junction (44m 21ch). Sheppey Single line from Country side of Swale station (47m 22ch) to London side of South Marsh crossing (47m 60ch).
SO160 Faversham to Dover Priory	Up and Down Chatham lines from Country side of Faversham station (52m 32ch) to Country side of Kearsney station (75m 50ch).
SO220 Ashford to Ramsgate (via Canterbury West).	Up and Down Stour lines from Countryside of Minster East Jn (82m 26ch) to London side of Ramsgate station (85m 14ch).
SO290 North Kent East Jn to Dartford Jn (Via Greenwich)	Up and Down Greenwich Lines from London side of Deptford Station (4m66ch) to Charlton Junction (7m35ch) Charlton Junction (7m35ch) to London side of Woolwich Arsenal Station (9m27ch)
SO300 Lewisham to Crayford Creek Jn (Via Bexleyheath)	Up and Down North Kent Lines country side of Lewisham Station (6m34ch) to Charlton Junction (8m63ch) Up and Down Bexleyheath from Blackheath Junction (7m14ch ) to Country side of Eltham Station (9m60ch)
SO310 Hither Green to Rochester Bridge Jn (via Dartford)	Up and Down North Kent lines on the London side of Rochester Bridge Junction (31m 28ch to 31m 34ch).
SO500 Victoria to Brighton	Down Brighton Slow, Up Brighton Slow, Down Brighton Fast and Up Brighton Fast from country side of Balham Jn (5m 21ch) to country side of Norbury (8m 03ch)
SO510 London Bridge to Epsom Downs	Down and Up Wallington and Epsom Downs Single from London side of Wallington station (12m45ch) to end of line at Epsom Downs.
SO520 Three Bridges to Portsmouth Harbour	Up Main and Down Arun Valley lines from South Stoke Substation (56m 00ch) to Country end of Christ's Hospital station (40m 17ch). Up and Down lines from Brighton side of Emsworth station (35m 35ch) to Portsmouth Harbour (45m 36ch). Reception Road at Fratton East from junction with main line (43m15ch) to 43m 20ch. Back Road from Fratton Depot (43m 72ch) to Portsmouth & Southsea Down Carriage Sidings (44m 24ch).
SO590 Keymer Jn to Eastbourne	Up and Down Eastbourne from 9m 69ch on the Down Line (between Southerham Jn and Glynde) to London end of Eastbourne 22m 63ch. Up Line London end of Eastbourne 22m 63ch to Glynde 11m 10ch
SO600 Willingdon Jn to Ashford	Down and Up Bexhill from Willingdon Jn (20m 36ch) to St Leonards Depot Down Bexhill (31m 01ch) and (32m 16ch) Up Bexhill
SO680 South Bermondsey Jn to Horsham	Old Kent Road Jn to Peckham Rye Jn: Down South London TL619 to VS422 Up Atlantic Down Atlantic VS441 to TL620 Up South London. Peckham Rye Jn to Ewell East: Down Peckham Rye Jn to W453 W454 to Peckham Rye Jn Up Main and Down Main lines from London end of Warnham station (32m 60ch) to Country end of Betchworth Tunnel (22m 60ch).

Route	Sections of line Equipped
SO700 Streatham South Jn to Sutton (via Wimbledon)	Down and Up St Helier from Streatham South Jn (0m 00ch) to country side of Tooting (2m 11ch) and London side of South Merton (8m63ch) to Sutton (12m43ch).
SW105 Clapham Junction to Weymouth	Up and Down lines from London side of New Milton station (98m 40ch) to London side of Parkstone station (112m 40ch).  In and out lines within Bournemouth Carriage Sidings (Light Maintenance Depot) between the Junction with main line at Branksome station (2052 and 2053 points) and Ground Frame points 7A.
SW110 Woking Junction to Portsmouth Harbour	Up and Down lines from Countryside of Petersfield (56m 12ch) to Portsmouth Harbour (45m 36ch). Up and Down Spur lines from Farlington Junction (40m 33ch) to Cosham Junction (90m 43ch). Reception Road at Fratton East from junction with main line (43m15ch) to 43m 20ch. Back Road from Fratton Depot (43m 72ch) to Portsmouth & Southsea Down Carriage Sidings (44m 24ch).
SW115 Worting Jn to Exeter St David's	Tisbury (SW115) (97m 60ch) to Pinhoe (167m 70ch)
SW140 St Denys to Portcreek Junction	Up and Down lines from Countryside of Fareham (85m 16ch) to Portcreek Junction (91m 01ch). Up and Down Spur lines from Cosham Junction (90m 43ch) to Farlington Junction (91m 14ch).
SW175 Castle Cary to Dorchester West	Single line country side of Castle Cary (130m 63ch) to London side of Yeovil Pen Mill (139m 69ch) Yeovil Pen Mill to Yeovil Junction (0m 12ch to 1m 50ch)
SW210 Clapham Junction to Southcote Junction (via Reading)	Up and Down Twickenham lines from Richmond side of North Sheen station 9m 35ch to Buffer Stops at Reading Station (68m 69ch)
SW230 Barnes to Feltham Junction (Via Hounslow)	Up and Down Hounslow lines from Kew side of Chiswick Station 8m 65ch to Feltham Junction 14m 38ch Up and Down Hounslow Spur lines from Hounslow Junction 14m 09ch to Whitton Junction 14m 39ch
SW250 Staines to Windsor and Eton Riverside	Up and Down Windsor lines from Staines Junction 19m 09ch to Windsor & Eton Riverside buffer stops 25m 47ch.
SW255 Virginia Water to Weybridge	Up and down lines from Virginia Water Junction (24m 69ch) to Addlestone side of Chertsey station (21m 65ch)
SW265 Guildford to Wokingham	Up and Down Blackwater lines from Blackwater side of Farnborough North 54m 79ch to Wokingham Junction 61m 72ch
SW305 Brighton to Havant	Up and Down lines from Brighton side of Emsworth station (35m 35ch) to Portsmouth Harbour (45m 36ch).

Table X details the routes over which :

- two 'live' locomotives of any permitted class may work coupled together;
- one locomotive may dead haul another locomotive

<b>Table X - Coupling restrictions for locomotives</b>		
<b>ELR</b>	<b>LOR</b>	<b>Route description</b>
MCL / FTL / HHH	SO280	Route Boundary (LN3213) - Blackfriars Jn
BMJ	SO280	Blackfriars Jn - Metropolitan Jn (SO130)
BNG	SO350	Grove Park (SO130) - Bromley North
VTB1	SO500	Victoria Platforms 9 - 19 - Victoria Carriage Sidings
RSJ	SO560	Redhill (SO500) - Route Boundary Wessex (SW300)
BTL	SO620	Montpelier Jn - Lewes
BLI1	SO630	Brighton Platforms 1 and 2 - Hove Jn
PAT	SO660	Purley (SO500) - Caterham
TAT	SO660	Purley (SO500) - Tattenham Corner
SMS1/2	SO700	Tooting - Sutton
NGL	SW200	Hampton Court Jn (SW105) - Effingham Jn
LEJ	SW205	Leatherhead - Effingham Jn (SW200)
PPW	SW225	Point Pleasant Jn (SW210) - East Putney
RSJ	SW300	Route Boundary (SO560) - Shalford Jn (SW110)

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# Croydon Tramlink lines adjacent to Network Rail lines between Birkbeck & Beckenham Junction and at Wimbledon

## General

There is no physical connection or signalling interface between Tramlink and Network Rail lines. Tramlink signals consist of five white lights displayed either horizontally or vertically. These are only relevant to Tramlink Drivers. Tram Drivers have radio contact with their control centre. In an emergency Tramlink Control can be contacted via the Three Bridges ROC Tulse Hill workstation signaller, or on Tel. No 020 8689 5613

Tramlink lines are electrified on an overhead 750v dc system. No part of a person's body, clothing or anything being used must come within one metre of any live part of the live overhead line equipment.

Trams can travel at a maximum speed of 50 mph, but can stop within the distance that the driver can see to be clear.

Track circuit operating clips cannot be used on Tramlink lines and if it is necessary to stop trams Tramlink Control must be contacted as shown above.

Tramlink staff do not have PTS certificates. Tramlink staff whose duties require them to go on or near Network Rail lines will be in possession of a Tram Safety Awareness certificate and this is deemed to be equivalent to a PTS certificate. Normal duties of Tramlink staff will not require them to go onto Network Rail lines.

Trams are equipped with amber hazard lights at each end and on the sides. In the event of an emergency the tram Driver will switch on the hazard lights. If a tram with hazard lights flashing is observed this must be regarded as a potential danger to Network Rail lines and staff must act in accordance with the Rule Book, Module TW1, Section 45.1 – 45.4

At times blue flashing lights may be observed on Tramlink overhead line supports. These are only of relevance to Tramlink staff.

## Between Birkbeck and Beckenham Junction

If it is necessary for traincrew to work on the outside of the train adjacent to the Tramlink line, or if it is necessary to detain passengers the Signaller at Three bridges ROC Tulse Hill Workstation must be advised and requested to make arrangements to stop Tram movements.

Work must not start until the Signaller has given an assurance that trams have stopped.

In addition to normal procedures unless there is immediate risk to passenger safety the Driver must seek an assurance from the Signaller that trams have been stopped before passengers are detrained.

Staff must be aware that trams will not necessarily sound an audible warning to persons on or near the line. Staff must not go on the Tramlink line except in an emergency.

Staff must also be aware that if a train and tram are approaching together they must not lie down between the lines (six foot).

**South East (Kent, Sussex, Wessex) Territory GI - Dated: 02/11/24**

## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW1

New Cross Gate	Down Fast (Up direction)	L1586	992	London Bridge – Panel 8	74 2108 01
New Cross Gate	Down Slow (Up direction)	L1584	992	London Bridge – Panel 8	74 2108 01
West Croydon	Turn-back sidings	T34	993	Three Bridges Panel 1C	74 3282 01
Sutton	Up Epsom Downs (Down direction)	VC195	993	Victoria ASC Panel 4	74 3106 01
<b>SO511 HIGHBURY &amp; ISLINGTON TO NEW CROSS/NEW CROSS GATE</b>					
Highbury & Islington	Down East London Line (Up direction)			East London Line SCC Workstation 1	74 9266 01
Shadwell	Up East London Line (Down direction)			East London Line SCC Workstation 1	74 9266 01
Canada Water	Down East London Line (Up Direction)	EL3002	991	East London Line SCC Workstation 2	74 9267 01
Canada Water	Down East London Line (Up Direction)	EL3005	991	East London Line SCC Workstation 2	74 9267 01
<b>SO520 THREE BRIDGES TO PORTSMOUTH HARBOUR</b>					
Crawley	Up Horsham (Down direction)	T1201	993	Three Bridges Panel 7	74 3288 01
Arundel	Up Horsham (Down direction)	AR50	993	Arundel	74 3303 01
Arundel	Down Horsham (Up direction)	AR51	003	Arundel	74 3303 01
Chichester	Up Platform (Down direction)	CC305	993	Chichester	74 3310 01
<b>SO530 SOUTH CROYDON TO EAST GRINSTEAD</b>					
Sanderstead	Up East Grinstead (Down direction)	T1355	993	Three Bridges Panel 1B	74 3281 01
Sanderstead	Down East Grinstead (Up direction)	T1356	993	Three Bridges Panel 1B	74 3281 01
Oxted	Down East Grinstead (Up direction)	OD306	993	Oxted	74 3279 01
Hurst Green	Up East Grinstead (Down direction)	OD311	993	Oxted	74 3279 01
Hurst Green	Down East Grinstead (Up direction)	OD312	993	Oxted	74 3279 01
East Grinstead	Down East Grinstead (Up direction)	OD324	993	Oxted	74 3279 01

**SO560 REDHILL TO GUILDFORD**

Reigate	Up Reading (Down direction)	RG17	993	Reigate	74 3301 01
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**SO590 KEYMER JN TO EASTBOURNE**

Lewes Ground Frame	Down Eastbourne (Up direction)	LW58	993	Lewes	74 3290 01
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Hampden Park	Up Eastbourne (Down direction)	CDB9	993	Hampden Park	74 3295 01
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Hampden Park	Down Eastbourne (Up direction)	CDB6	993	Hampden Park	74 3295 01
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**SO600 WILLINGDON JN TO ASHFORD**

Bexhill GF	Down Main (Up direction)	CCW12	993	Bexhill	74 3298 01
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Bexhill GF	Up Main (Down direction)	CCW13	993	Bexhill	74 3298 01
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Ore	Up Siding Exit	EDL26	993	Hastings	74 2223 01
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**SO620 BRIGHTON TO SEAFORD**

Newhaven Town	Town Sidings Exit	CCO1576	993	Newhaven Town	74 3291 01
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Newhaven Harbour	Up Platform (Down direction)	NH7	993	Newhaven Harbour	74 3292 01
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**SO630 BRIGHTON TO LITTLEHAMPTON**

Brighton	Wall Siding	T1281	993	Three Bridges Panel 6	74 3287 01
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Hove Yard	Up Direction Exit	T676	993	Three Bridges Panel 6	74 3287 01
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Littlehampton	Up Siding Exit	LH11	993	Littlehampton	74 3308 01
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Littlehampton	Carriage Washer Road	LH19	993	Littlehampton	74 3308 01
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**SO640 BARNHAM TO BOGNOR REGIS**

Bognor Regis	No.2 Siding	BR53	993	Bognor Regis	74 3309 01
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Bognor Regis	No.3 Siding	BR43	993	Bognor Regis	74 3309 01
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**SO650 BALHAM JN TO BECKENHAM JN**



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Crystal Palace Tunnel	Up Crystal Palace (Down direction)	TVC167	993	TBROC Tulse Hill W/S	74 3104 01
Crystal Palace	Up Sydenham Spur (Down direction)	TVC170	993	TBROC Tulse Hill W/S	74 3104 01
<b>SO660 PURLEY TO CATERHAM</b>					
Caterham	Up Siding Exit	T1362	993	Three Bridges Panel 2	74 3283 01
<b>SO680 SOUTH BERMONDSEY JN TO HORSHAM</b>					
Tulse Hill	Down Portsmouth	TVC166	993	Victoria ASC Panel 3	74 3105 01
Tulse Hill	Down Portsmouth (Up direction)	TVC166	993	TBROC Tulse Hill W/S	74 3105 01
Sutton Jn	Up Portsmouth (Down direction)	TVC193	993	TBROC Tulse Hill W/S	74 3106 01
Dorking	Exit Down Siding (currently oou)	CBK27	993	Dorking	74 3300 01
Horsham	Up Siding	T1405	993	Three Bridges Panel 7	74 3288 01
<b>SO700 STREATHAM SOUTH JN TO SUTTON (VIA WIMBLEDON)</b>					
Wimbledon	Up St Helier (Down direction)	VC181	993	Victoria ASC Panel 4	74 3106 01
Wimbledon	Down St Helier (Up direction)	VC186	993	Victoria ASC Panel 4	74 3106 01

**GSM-R – CAB RADIO REGISTRATION – AREA-SPECIFIC 99X LOCATION CODES**

When required to use a 99X location code (also known as '*wild card number*') to pre-register or to register the cab radio as shown in the GSM-R user procedures the following area specific location code must be used in the areas covered by this Sectional Appendix:

992 Kent Route  
993 Sussex Route

**Kent / Sussex Route GI - Dated: 02/11/2024**

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## Line Clear Verification (LCV)

In accordance with Network Rail Standard “NR/L3/OCS/084 – Line Clear Arrangements Following Engineering Works in Axle Counter Areas – Line Clear Verification Process”, the following must be observed.

The LCV process applies to the following line of routes.

LCV will also apply at any signalling location where part of the applicable possession is within any of the following line of routes listed below:

Route	Sections of line Equipped
SO110 Victoria to Ramsgate (via Herne Hill and Chatham)	Up and Down Chatham lines from country side off Longfield Station (24m 04ch) to London side of Gillingham Station (35m 54ch). Up and Down Chatham lines from country side off Gillingham Level Crossing (36m 35ch) to London side of Faversham Station (51m 31ch). Up and Down Thanet lines from Faversham Junction (52m 09ch) to Ramsgate station (79m 21ch).
SO130 Charing Cross/Cannon Street to Dover Priory/Eurotunnel Interface	Up and down Kent Slow & Up and Down Kent Fast lines, up & Down Hither Green Goods arr/dep. Up and down hither green spurs. London side of Hither Green Station (6m48ch) to Country side of Chislehurst Tunnels. (9m58ch)
SO150 Sittingbourne (Eastern Jn) to Sheerness on Sea.	Up and Down Sheppey Spur lines from Western Junction (43m 70ch) to Middle Junction (44m 13ch). Up and Down Sheppey lines from Eastern Junction (0m 00ch) to Middle Junction (00m 23ch). Up and Down Sheppey lines from Middle Junction (44m 13ch) to country side of Middle Junction (44m 21ch). Up/Down Branch line from Country side of Swale station (47m 22ch) to London side of South Marsh crossing (47m 60ch).
SO160 Faversham to Dover Priory	Up and Down Chatham lines from Faversham Junction (52m 09ch) to Country side of Kearsney station (75m 50ch).
SO220 Ashford to Ramsgate (via Canterbury West).	Up and Down Stour lines from Countryside of Minster East Jn (82m 26ch) to Ramsgate station (85m 67ch).
SO290 North Kent East jn to Dartford jn (Via Greenwich)	Up and Down Greenwich Lines from London side of Deptford Station (4m66ch) to Charlton Junction (7m35ch) Charlton Junction (7m35ch) to London side of Woolwich Arsenal Station (9m27ch)
SO300 Lewisham to Crayford Creek Jn (Via Bexleyheath)	Up and Down North Kent Lines country side of Lewisham Station (6m34ch) to Charlton Junction (8m63ch) Up and Down Bexleyheath from Blackheath Junction (7m14ch ) to Country side of Eltham Station (9m60ch)
SO310 Hither Green to Rochester Bridge Jn (via Dartford)	Up and Down North Kent lines on the London side of Rochester Bridge Junction (31m 28ch to 31m 34ch).
SO310 Hither Green to Maidstone West (via Dartford)	Up and Down Dartford Loop lines Hither Green Station 7m08ch to Mottingham Station 9m46ch
SO350 Grove Park to Bromley North	Up and Down Bromley Lines Grove Park Station 8m78ch to Bromley North Station 10m50ch

SO500 Victoria to Brighton	Down Brighton Slow, Up Brighton Slow, Down Brighton Fast and Up Brighton Fast from London side of Battersea Park Station (1m 21ch) to country side of Norbury (8m 03ch)
SO510 London Bridge to Epsom Downs	Up and Down East London Lines from Highbury & Islington to Country side of New Cross Gate station (Down Line) and London side of New Cross Gate station (Up Line)
SO520 Three Bridges to Portsmouth Harbour	Up Main and Down Arun Valley lines from South Stoke Substation (56m 00ch) to Country end of Christ's Hospital station (40m 17ch)
SO590 Keymer Jn to Eastbourne	Up and Down Eastbourne from 09m 69ch on the Down Line (between Southerham Jn and Glynde) to London end of Eastbourne 22m 63ch. Up Line London end of Eastbourne 22m 63ch to Glynde 11m 10ch.
SO600 Willingdon Jn to Ashford	Down and Up Bexhill from Willingdon Jn (20m 36ch) to St Leonards Depot Down Bexhill (31m 01ch) Up Bexhill
SO650 Balham Jn to Beckenham Jn	Down Crystal Palace - Balham Jn to Crystal Palace Tunnel; TVC729. Up Crystal Palace TVC728 to Balham Jn
SO680 South Bermondsey Jn to Horsham	Old Kent Road Jn to Peckham Rye Jn: Down South London TL619 to VS422 Up Atlantic Down Atlantic VS441 to TL620 Up South London. Peckham Rye Jn to Ewell East: Down Peckham Rye Jn to W453 W454 to Peckham Rye Jn Up Main and Down Main lines from London end of Warnham station (32m 60ch) to Country end of Betchworth Tunnel (22m 60ch).
SO700 Streatham South Jn to Sutton (via Wimbledon)	Down and Up St Helier from Streatham South Jn (0m 00ch) to country side of Tooting (2m 11ch)

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## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW1

Station	Platform	Length (cars)	Length (metres)
Snowdown	Platform 1	8	167.3
	Platform 2	8	167.7
Sole Street	Platform 1	8	168.8
	Platform 2	8	178.0
St Johns	Platform 1	12	319.2
	Platform 2	12	320.5
St Leonards Warrior Square	Platform 1	8	165.0
	Platform 2	8	166.0
St Mary Cray	Platform 1	12	244.1
	Platform 2	12	244.0
	Platform 3	12	244.1
	Platform 4	12	243.8
Staplehurst	Platform 1	12	245.0
	Platform 2	12	244.2
Stone Crossing	Platform 1	12	285.1
	Platform 2	12	338.1
Stonegate	Platform 1	8	172.0
	Platform 2	8	171.0
Strood	Platform 1	12	283.0
	Platform 2	12	276.0
	Platform 3	12	286.0
Sturry	Platform 1	6	118.5
	Platform 2	6	121.4
Sundridge Park	Platform 1	10/8 (N)	205.0
	Platform 2	10/8 (N)	205.0
Swale	Platform 1	8	163.0
Swanley	Platform 1	12	252.0
	Platform 2	12	251.2
	Platform 3	12	251.0
	Platform 4	12	250.1
Swanscombe	Platform 1	12	242.3
	Platform 2	12	242.5
Sydenham Hill	Platform 1	8	183.8
	Platform 2	8	182.0
Teynham	Platform 1	12	248.5
	Platform 2	12	244.4
Thanet Parkway	Platform 1	12	250.7
	Platform 2	12	250.4
Three Oaks	Platform 1	1	31.0
Tonbridge	Platform 1	12	255
	Platform 2	12	252
	Platform 3	12	247.1
	Platform 4	8	165.3
Tunbridge Wells	Platform 1	11	232.0
	Platform 2	11	228.0

## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW1

Station	Platform	Length (cars)	Length (metres)
Victoria	Platform 1	13	270.0
	Platform 2	14	359.0
	Platform 3	8	188.0
	Platform 4	8	201.0
	Platform 5	12/10 (N)	247.0
	Platform 6	12/10 (N)	245.0
	Platform 7	13	286.0
	Platform 8	10	221.0
Wadhurst	Platform 1	8	168.0
	Platform 2	8	166.0
Walmer	Platform 1	8	166.0
	Platform 2	8	165.0
Wandsworth Road	Platform 1	4	110.8
	Platform 2	4	86.0
Wateringbury	Platform 1	4	85.0
	Platform 2	4	84.0
Waterloo East	Platform A	12	282.5
	Platform B	12	245.0
	Platform C	12	250.0
	Platform D	12	257.4
Welling	Platform 1	12	287.0
	Platform 2	12	284.7
West Dulwich	Platform 1	8	169.9
	Platform 2	8	167.2
West Malling	Platform 1	8	167.3
	Platform 2	8	167.5
West St Leonards	Platform 1	8	174.0
	Platform 2	10	211.0
West Wickham	Platform 1	12	286.9
	Platform 2	12	299.3
Westcombe Park	Platform 1	12	241.8
	Platform 2	12	241.8
Westenhanger	Platform 1	5	109.4
	Platform 2	8	171.8
Westgate-on-Sea	Platform 1	12	254.3
	Platform 2	12	255.9
Whitstable	Platform 1	12	246.7
	Platform 2	12	247.2
Winchelsea (SEE NOTE 2)	Platform 1	4 3 (Class 171)	81.0
Woolwich Arsenal	Platform 1	10	248.0
	Platform 2	10	248.0
Woolwich Dockyard	Platform 1	10	224.0
	Platform 2	10	224.0
Wye	Platform 1	6	124.9
	Platform 2	6	120.8
Yalding	Platform 1	4	86.0
	Platform 2	4	86.0

① Because of reduced platform width special conditions apply to trains arriving at Charing Cross.

② Because of risk of overhang on a locally operated Level Crossing, trains longer than 3 cars are not permitted to stop at Winchelsea in the Down Direction.

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96	04 June 2016
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100	02 March 2024
<b>101</b>	<b>07 December 2024</b>
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## EXCEPTIONALLY POOR RAIL ADHESION

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## EXCEPTIONALLY POOR RAIL ADHESION

### SO110 (VICTORIA TO RAMSGATE (VIA HERNE HILL AND CHATHAM))

Location	Line(s) Affected	Mileage (Between)
Sole Street to Rochester	Up & Down Chatham	30m 00ch to 31m 00ch
Faversham to Whitstable	Up & Down Chatham	51m 50ch to 52m 30ch

Dated: 31/08/2024

### SO160 FAVERSHAM TO DOVER PRIORY

Location	Line(s) Affected	Mileage (Between)
Canterbury East to Bekesbourne	Up & Down Chatham	62m 50ch to 62m 60ch
Snowdown to Shepherdswell	Up & Down Chatham	72m 60ch to 71m 70ch

Dated: 31/08/2024

### SO170 (TUNBRIDGE EAST JUNCTION TO HASTINGS)

Location	Line(s) Affected	Mileage (Between)
Tunbridge Wells to Frant	Down and Up	33m 40ch to 35m 70ch

Dated:11/11/2023

### SO260 (BRIXTON JN TO SHORTLANDS JN) ((VIA CATFORD).

Location	Line(s) Affected	Mileage (Between)
Beckenham Hill to Shortlands	Up & Down Catford Loop	10m 08 ch to 10m 60ch

Dated: 31/08/2024

### SO300 (LEWISHAM TO CRAYFORD CREEK JN (VIA BEXLEYHEATH)

Location	Line(s) Affected	Mileage (Between)
Eltham - Welling	Up & Down Bexleyheath	10m 08ch to 10m 52ch

Dated:31/08/2024

### SO310 HITHER GREEN TO MAIDSTONE WEST (VIA DARTFORD)

Location	Line(s) Affected	Mileage (Between)
Lee to Mottingham	Up & Down Dartford Loop	08m 52ch To 09m 33ch
Crayford Spur B Junction to Dartford Junction	Up & Down Dartford Loop	16m 11ch to 16m 53ch
Swanscombe to Gravesend	Up & Down Main Line	20m 69ch to 23m 75ch

Dated: 31/08/2024

### SO330 (NUNHEAD TO HAYES)

Location	Line(s) Affected	Mileage (Between)
West Wickham	Down	12 m 60 ch <b>to</b> 13 m 20 ch
West Wickham	Up	13 m 60 ch <b>to</b> 13 m 20 ch
Ladywell to Catford Bridge	Down and Up Mid Kent	6 m 69 ch <b>to</b> 7 m 35 ch
West Wickham to Hayes	Down and Up Mid Kent	13 m 13 ch <b>to</b> 14 m 34 ch
Ladywell to Catford Bridge	Up & Down Mid Kent	6 m 69 ch <b>to</b> 7 m 35 ch
West Wickham to Hayes	Up & Down Mid Kent	13 m 13 ch <b>to</b> 14 m 34 ch

Dated: 31/08/2024

### SO530 SOUTH CROYDON TO EAST GRINSTEAD

Location	Line(s) Affected	Mileage (Between)	
Lingfield to Dormans	Both	27m 40ch to 28m 00ch	

Dated: 09/10/22

**SO540 (HURST GREEN TO UCKFIELD)**

Location	Line(s) Affected	Mileage (Between)
Ashurst	Both	32 m 00 ch <b>to</b> 32 m 45 ch

**Dated: 09/10/22****SO550 TONBRIDGE TO REDHILL**

Location	Line(s) Affected	Mileage (Between)
Penhurst to Leigh	Up & Down Godstone	38m 00ch to 41m 35ch

**Dated: 31/08/2024****SO560 REDHILL TO GUILDFORD**

Location	Line(s) Affected	Mileage (Between)
Reigate	Both	23m 40ch to 24m 40ch

**Dated: 09/10/22****SO600 WILLINGDON JN TO ASHFORD**

Location	Line(s) Affected	Mileage (Between)
Ham Street to Appledore	Up & Down Hastings	61m 65ch to 61m 03ch

**Dated: 31/08/2024****SO660 PURLEY TO CATERHAM/TATTENHAM CORNER**

Location	Line(s) Affected	Mileage (Between)
Purley to Kenley	Both	15m 13ch to 16m 00ch
Purley to Reedham	Both	15m 13ch to 15m 40ch

**Dated: 09/10/22****SO685 (LEATHERHEAD TO HORSHAM)**

Location	Line(s) Affected	Mileage (Between)
Dorking and Warnham	Both	24 m 30 ch <b>to</b> 31 m 00 ch

**Dated: 21/10/23**

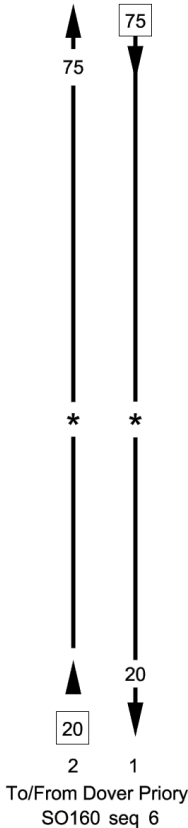

## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

LOR	Seq.	Line of Route Description		ELR		Route	Last Updated
SO130	017	Charing Cross / Cannon Street to Dover Priory / Eurotunnel Interface (via Tonbridge)		XTD	OJS	Kent / Sussex	14/09/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Sevenoaks Substation		21 74 * (26 52)				<div>TCB RA8</div> <div>Ashford IECC (AD) DC: Paddock Wood</div> <div>GSM-R</div>	
<b>SEVENOAKS</b>		22 01 * (26 61)				<div>Platform 1 PP-A</div> <div>Platform 2 PP-A</div> <div>Platform 3 PP-A</div> <div>Platform 4 PP-A</div> <div>Also permitted for platform sharing during times of significant service interruptions.</div>	
		22 09				<div>Down Main and Up Loop platform lines are reversible.</div> <div>PLOD at 22m 28ch</div> <div>1 Down Loop</div> <div>2 Down Main</div> <div>3 Up Loop</div> <div>4 Up Main</div> <div>5 Up Bat &amp; Ball</div> <div>6 Down Bat &amp; Ball</div>	

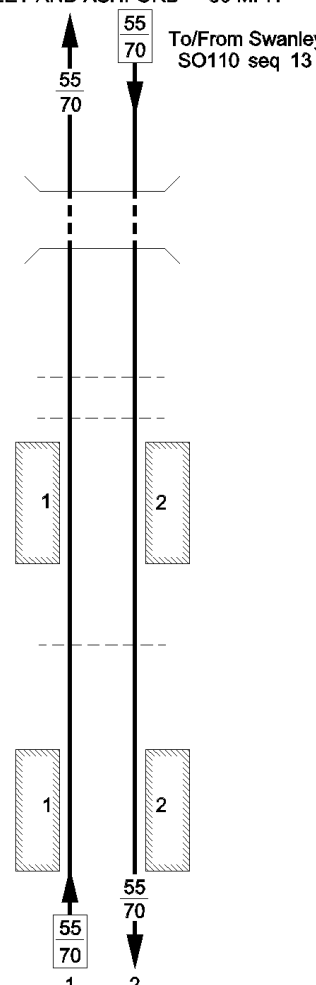
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## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
SO130	035	Charing Cross / Cannon Street to Dover Priory / Eurotunnel Interface (via Tonbridge)		XTD HSE	Kent / Sussex	06/10/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
		76 36 *	 <p>To/From Dover Priory SO160 seq 6</p>		<div>TCB RA8</div> <div>Folkestone East SB (YE) DC: Canterbury</div> <div>GSM-R </div> <div>1 Down Main 2 Up Main</div>	

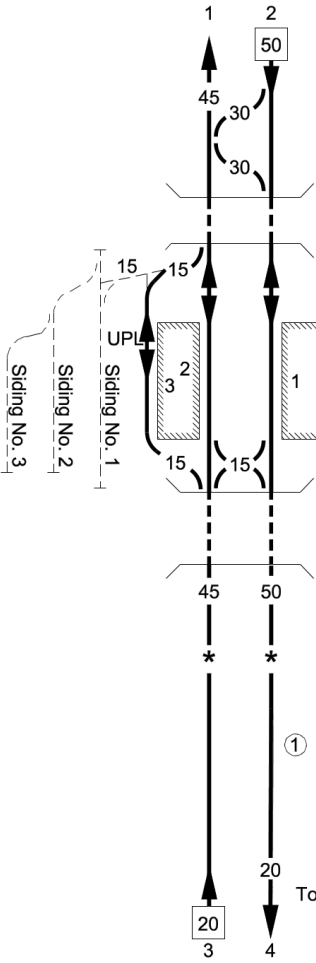

## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO140	001	Swanley to Ashford	SBJ	Kent / Sussex	19/03/2016
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
			<p>MAXIMUM PERMISSIBLE SPEED BETWEEN SWANLEY AND ASHFORD - 80 MPH</p>  <p>To/From Swanley SO110 seq 13</p>		<p>TCB RA8</p> <p>Victoria SB (VS) DC: Paddock Wood</p> <p>GSM-R</p> <p>Authorised EWS Class 6 &amp; 7 International Traffic are exempt from the 2/3rds rule over this route.</p> <p>1 Up Maidstone 2 Down Maidstone</p>
(Swanley Jn)		( 17 46 )			
Wested Lane TP Hut		18 41			
Eynsford Tunnel (828 yards)		18 67 to 19 24			
Eynsford Substation		19 52			
OCC Xing		19 57			
Footpath Xing		19 59			
<b>EYNSFORD</b>		20 32			
Lullingstone Substation		21 33			
Willmotts F/P Crossing		22 33			
<b>SHOREHAM</b>		22 52			
Greenhill Substation		23 15			

## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO160	005	Faversham to Dover Priory	FDM BME2	Kent / Sussex	19/03/2016
Location		Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks	
Lydden TP Hut		73 28		GSM-R TCBEast Kent Signalling Centre (EK) RA8 DC: Canterbury	
Kearsney Substation		75 03		Axle counter area on Up & Down Chatham lines 75m 50ch ▲	
<b>KEARSNEY</b>		75 09			
Buckland Jn TP Hut		76 19		To/From Martin Mill 3 SO240 seq 1	
		(98 76)			
		76 20 *			
		(98 37) *			
		(99 00) *			
Buckland Jn		76 32			
		(99 05)			
Charlton Tunnel (265 yards)		76 65 to 76 77 *	T	FWS down and up lines through tunnel.  1 Up Chatham 2 Down Chatham 3 Down Deal 4 Up Deal	

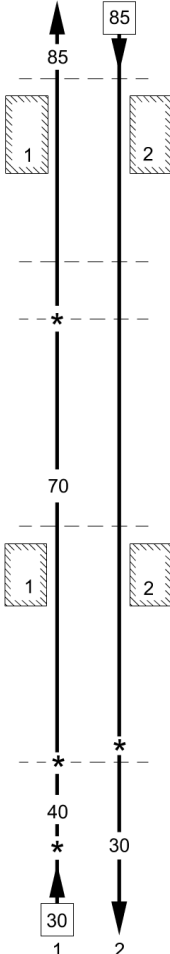
## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
SO160	006	Faversham to Dover Priory	FDM HSE	Kent / Sussex	06/10/2024	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Dover Priory Tunnel (158 yards)		77 08 to 77 16			<div>TCB RA8</div> <div>Folkestone East SB (YE) DC: Canterbury</div> <div></div>	
<b>DOVER PRIORY</b>		77 26			FWS Down and Up lines through Dover Priory Tunnel.	UPL 21
Dover Harbour Tunnel (684 yards)		77 32 to 77 63			Platform 1 PP Platform 2 PP Platform 3 PP	
(Change of mileage)		77 72 *				
Dover Substation		76 45				
		77 76 76 53	① - Line names change at 77m 76ch			
		76 45	1 Up Chatham 2 Down Chatham 3 Down Main 4 Up Main			

LOR	Seq.	Line of Route Description	ELR		Route	Last Updated	
SO510	004	London Bridge to Epsom Downs	LBW	ELL 1	Kent / Sussex	18/11/2023	
Location		Mileage M      Ch	Running lines & speed restrictions			Signalling & Remarks	
<b>NEW CROSS GATE</b>		(5   61) *	<p>To/From Surrey Quays SO511-005</p> <p>RfL Infrastructure Kent Route      Boundary</p>			TCB      Three Bridges ROC (TL) London Bridge Central C/E Workstation RA8      DC:Lewisham	
		PoSA and Emergency Point and Route Release Area to Country end of New Cross Gate Station					
		RfL Infrastructure - For information purposes only					
<b>BROCKLEY</b>		3   56	<div>DC: Brighton</div>				
Brockley Substation		4   09 4   47 *					
<b>HONOR OAK PARK</b>		4   59					
			1 Up Sussex Slow 2 Up Sussex Fast 3 Down Sussex Fast 4 Down Sussex Slow 5 Down East London Line				

LOR	Seq.	Line of Route Description	ELR		Route	Last Updated
SO510	005	London Bridge to Epsom Downs	LBW	SCP	Kent / Sussex	02/11/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Forest Hill TP Hut		5 40			<div> <div>TCB Three Bridges Rail Operating Centre (TL) RA8</div> <div>DC: Brighton</div> </div> <div>GSM-R</div>	
<b>FOREST HILL</b>		5 50				
<b>SYDENHAM</b>		6 32				
Sydenham Down Jn		6 41				
Sydenham Up Jn		( 6 44) 6 51 ( 6 54)				
Penge Substation		6 66				
Route Boundary		7 38				
(Crystal Palace)		( 7 52)				

## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
SO520	002	Three Bridges to Portsmouth Harbour			TBH1	Kent / Sussex	29/08/2022
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Faygate TP Hut		33 40				<div> <div>TCB RA8</div> <div>Three Bridges ASC Panel 7A (T) DC: Brighton</div> </div> <div> <div>TCB RA8</div> <div>Three Bridges ASC Panel 7B (T) DC: Brighton</div> </div> <div>           1 Up Horsham            2 Down Horsham         </div>	
Kilnwood Crossing		33 45					
<b>FAYGATE</b>		34 28					
Roffey Road Substation		35 19					
Brooks Lane FP crossing		35 23					
Roffey Road Crossing (AHBC)		35 39 *					
Rusper Road Crossing (CCTV)		36 48					
<b>LITTLEHAVEN</b>		36 52					
Parsonage Road Crossing (CCTV)		37 12 *					
		37 14 *					
		37 28 *					

## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

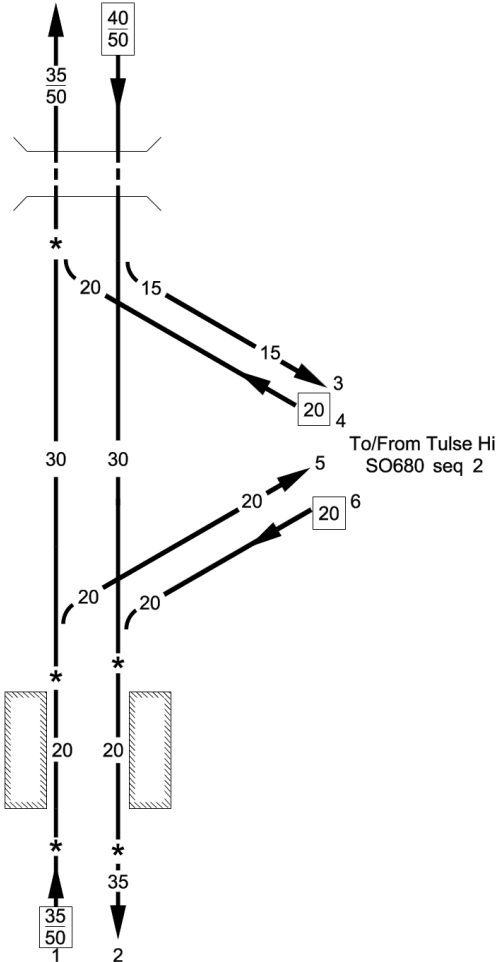
LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
SO520	003	Three Bridges to Portsmouth Harbour		TBH1	Kent / Sussex	31/08/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
<b>HORSHAM</b>					<div> <div>TCB RA8</div> <div>Three Bridges ASC Panel 7B (T) DC: Brighton</div> <div>GSM-R</div> </div> <div>DPL 35 UPL 35</div> <div> Platform 1 PP  Platform 2 PP-A  Platform 3 PP  Platform 4 PP </div> <div>Horsham Field Sidings 258 metres</div> <div> 1 Up Main  2 Down Main  3 Up Horsham  4 Down Horsham </div>	
		Junction				
		35 34 *				
		37 39				
		Horsham Substation				
		37 40				
		37 48 *				
		37 56				
		37 68 *				
		38 40 *				



## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
SO650	001	Balham Jn to Beckenham Jn		BBJ	Kent / Sussex	02/11/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
(Balham Jn)		( 4 69 )	<p>MAXIMUM PERMISSIBLE SPEED - 60 MPH</p>		<p>TCB Three Bridges ROC Balham W/S (TVC) RA8 DC: Brighton</p> <p>Axle Counter Section ▽4m 69ch</p> <p>GSM-R</p> <p>Authorised EWS Class 6 &amp; 7 International Traffic are exempt from the 2/3rds rule over this route but are subject to a maximum of 25mph between West Norwood and Crystal Palace.</p>	
Balham TP Hut		4 76			<p>1 Up Crystal Palace 2 Down Crystal Palace</p>	
		5 20 *				
<b>STREATHAM HILL</b>		5 57				

## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

LOR	Seq.	Line of Route Description	ELR			Route	Last Updated
SO650	002	Balham Jn to Beckenham Jn	BBJ	LTH	WTH	Kent / Sussex	02/11/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Leigham Court Tunnel (443 yards)		6 00 to 6 17				<div>TCB Three Bridges ROC Balham W/S (TVC) RA8 DC: Brighton</div>	
Leigham Jn		6 31 ( 6 40) *				<div>Axle Counter Section</div> <div>GSM-R</div> <div>Three Bridges ROC Tulse Hill W/S (TVC)</div>	
(Tulse Hill)		( 6 07)					
West Norwood Jn		6 58 ( 6 41) 6 59 6 75 * 6 76 *					
<b>WEST NORWOOD</b>		7 02  7 08 * 7 10 *				<div>1 Up Crystal Palace 2 Down Crystal Palace 3 Down Leigham Spur 4 Up Leigham Spur 5 Up West Norwood Spur 6 Down West Norwood Spur</div>	

LOR	Seq.	Line of Route Description	ELR		Route	Last Updated
SO650	003	Balham Jn to Beckenham Jn	BBJ SCP		Kent / Sussex	02/11/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks
Gypsy Hill TP Hut		7 30 * 7 35 7 44 *				GSM-R TCB Three Bridges ROC Tulse Hill W/S (TVC) RA8 DC: Brighton Axle Counter Section ▲ 8m 02ch Platform 3 Detaching only Platform 5 - PP 1 Up Crystal Palace 2 Down Crystal Palace 3 Down Sydenham Spur 4 Up Sydenham Spur
<b>GIPSY HILL</b>		7 77				
Crystal Palace Tunnel (746 yards)		8 15 * 8 16 to 8 49 * 8 51 * 8 52				
Crystal Palace TP Hut		( 7 56) * 8 56 ( 7 52) 8 68 *				
<b>CRYSTAL PALACE</b>		( 7 43) * ( 7 44) *				
(Sydenham Up Jn)		( 7 38) * ( 6 49)				

## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO650	004	Balham Jn to Beckenham Jn	BBJ SCP	Kent / Sussex	02/11/2024
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
		<p>1 30 50</p> <p>2 35 50</p> <p>3 30</p> <p>4 30</p> <p>5 60</p> <p>To/From Beckenham Jn SO110 seq 8</p> <p>To/From Norwood Fork Jn SO510 seq 7</p> <p>SUSSEX KENT</p> <p>Tram Link</p>	<p>Three Bridges ROC Tulse Hill W/S (TVC)</p> <p>TCB RA8</p> <p>DC: Brighton</p> <p>GSM-R</p> <p>Victoria SB (VS)</p> <p>DC: Lewisham</p> <p>1 Up Crystal Palace 2 Down Crystal Palace 3 Up Crystal Palace Spur 4 Down Crystal Palace Spur 5 Crystal Palace Single</p>		
Bromley Up Jn	9 32 * 9 35 * 9 36				
Norwood Jn TP Hut Bromley Down Jn (Norwood Jn)	9 47 9 48 9 49 * ( 9 50) * ( 9 75)				
Route Boundary	9 65				
Birkbeck Junction Birkbeck TP Hut	10 06 10 08				
<b>BIRKBECK</b>	10 22 * 10 26				
(Beckenham Jn)	(11 62)				

## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
SO680	001	South Bermondsey Jn to Horsham		BTH1	Kent / Sussex	02/11/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
(South Bermondsey Jn)		( 1 55 )	<p>MAXIMUM PERMISSIBLE SPEED BETWEEN SOUTH BERMONDSEY JN AND LEATHERHEAD - 60 MPH LEATHERHEAD AND HORSHAM - 75 MPH To / From London Bridge SO510 seq 002</p>		<p>TCB Three Bridges ROC (TL) London Bridge Central L/E Workstation Lines 5 and 6 London Bridge Central C/E Workstation Lines 1,2,3,4,7 and 8 RA8 DC: Lewisham</p> <p>PoSA and Emergency Point and Route Release Area Between South Bermondsey Jn and South Bermondsey Station.</p> <p>AWS not provided for emergency and temporary speed restrictions between South Bermondsey Jn and South Bermondsey.</p> <p>☒ LOD(T) Traffic Lock Out Device Inhibits all movements on designated line(s) N.B Full Details of the protection afforded is as detailed in the line side case</p> <p>Axle Counter area 2m 45ch ▼</p> <p>1 Up Portsmouth 2 Down Portsmouth 3 Down Atlantic 4 Up Atlantic 5 Up South London 6 South London Reversible 7 Up Silwood 8 Down Silwood</p> <p>Note # Between Uttley Jn and Peckham Rye Jn is Down South London Line</p>	
<b>SOUTH BERMONDSEY</b>		1 57 *				
		1 62				
		1 67 *				
Uttley Jn		2 02				
		2 06 *				
Old Kent Road Jn		2 32				
<b>QUEEN'S ROAD PECKHAM</b>		2 58				
		3 27 *				
<b>PECKHAM RYE</b>		3 36				
		3 46 *				
Peckham Rye Jn		3 47				
Peckham Rye TP Hut		3 49				
		3 53 *				
		3 55 *				

[illegible]

## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
SO680	003	South Bermondsey Jn to Horsham		BTH1 SSC SNS SLJ SMS1	Kent / Sussex	02/11/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
		6 25 *			<div>TCB Three Bridges ROC Streatham W/S (TVC) RA8 DC: Brighton</div> <div>Axle Counter Area</div> <div>GSM-R</div> <div>Platform 1 PP-A (detaching only)</div> <div>           1 Up Portsmouth            2 Down Portsmouth            3 Down Streatham Spur            4 Up Streatham Spur            5 Down Slow Spur            6 Up Slow Spur            7 Fast Spur            8 Up St Helier            9 Down St Helier         </div>	
Leigham Tunnel (302 yards)		6 62 to 6 76				
Streatham Tunnel (220 yards)		7 09 to 7 19				
<b>STREATHAM</b>		7 48				
(Streatham North Jn)		(6 14) (6 30) *				
Streatham South Jn		8 11 (6 48) (0 00)  (0 20) *				

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO680	004	South Bermondsey Jn to Horsham	BTH1	Kent / Sussex	18/11/2023
Location		Mileage M      Ch	Running lines & speed restrictions		Signalling & Remarks
<div><div>MITCHAM EASTFIELDS</div><div>Eastfields Road LC (CCTV)</div><div>Grove Road TP Hut</div><div>MITCHAM JN</div><div>Mitcham Jn Substation</div><div>HACKBRIDGE</div><div>Carshalton TP Hut</div><div>CARSHALTON</div></div>		<div><div><div><div><div>40</div><div>60</div></div><div>1</div></div><div><div><div>35</div><div>60</div></div><div>2</div></div></div><div><div><div>40</div><div>60</div></div><div>1</div></div><div><div><div>30</div><div>30</div></div><div>2</div></div></div> <div><div><div>40</div><div>60</div></div><div>1</div></div> <div><div><div>40</div><div>60</div></div><div>2</div></div> <div><div><div>35</div><div>50</div></div><div>1</div></div> <div><div><div>40</div><div>50</div></div><div>2</div></div> <div><div><div>35</div><div>60</div></div><div>1</div></div> <div><div><div>40</div><div>60</div></div><div>2</div></div>		<div><div>TCB Three Bridges ROC Sutton W/S (TVC) RA8</div><div>DC: Brighton</div></div> <div><div>GSM-R</div><div><div></div></div></div>	
				Axle Counter Area	
				<div><div>1 Up Portsmouth</div><div>2 Down Portsmouth</div></div>	



## **SO290 - NORTH KENT EAST JN TO DARTFORD JN (VIA GREENWICH) PLUMSTEAD**

Bogie vehicles, other than coaches, which exceed 62 feet over headstocks, must not be shunted over the connection at the east end of No. 2 siding, middle yard.

**Dated: 02/12/06**

## **SO310 - HITHER GREEN TO MAIDSTONE WEST (VIA DARTFORD) DARTFORD**

### **Reversible line**

Any movement which is required to be made in the direction opposite to that from which it entered the line must be regarded as a wrong direction movement and dealt with accordingly.

### **DOO trains starting from the Up Sidings**

Drivers of trains leaving from the Up Sidings 1, 2, 3 or 4 must operate the 'Train ready to start' plunger when the train is ready to depart. The DOO radio cannot be set up at signals NK1556, NK1558, NK1560 and NK1562. Drivers must set up on next signal.

### **DOO trains starting from the Down Sidings**

Drivers of trains leaving from the Down Sidings, must operate the 'Train ready to start' plunger when the train is to depart.

**No movement must be made within the sidings without the Signaller's authority.**

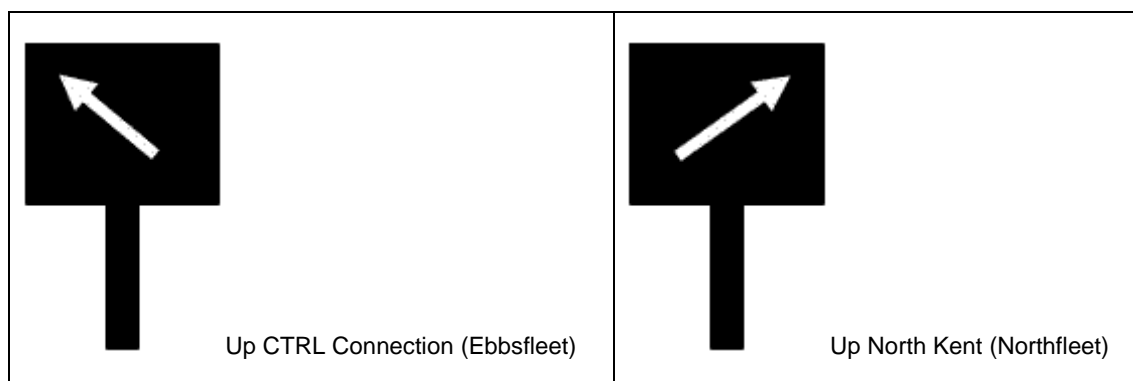
**Dated: 02/12/06**

## **SO310 - HITHER GREEN TO MAIDSTONE WEST (VIA DARTFORD) GRAVESEND To Springhead Road Jn Up**

### **Preliminary Route Indicators**

Two preliminary route indicators are provided on the approach to Springhead Road Junction on the Up North Kent line to give drivers advanced of the route to be taken on signal NK430; one is located between NK434 and NK432 signals and the other located between NK432 and NK430 signals. These indicators take the form of a black rectangle on which an illuminated arrow indicates the route set when signal NK430 is showing a proceed aspect. If NK430 is not showing a proceed aspect the Preliminary Route Indicators will remain blank.

One of the following indications will be displayed:



**Dated: 07/11/2009**

## **SO310 - HITHER GREEN TO MAIDSTONE WEST (VIA DARTFORD)**

### **NORTH HALLING CROSSING (RED/GREEN) 34 M 33CH**

North Halling Use Worked crossing is provided with red/green warning lights.

In some instances when then crossing treadles have been activated by a movement within a T3 possession such as the movements of RRV, OTM, Engineers trains or trolleys the warning lights will extinguish completely with no warning light displayed.

Where a Rule Module T3 Possession of running line for engineering work, or a Line Blockage is taking place which encompasses North Halling crossing the PICOP, COSS or PC must ascertain whether any activity has taken place that could have caused the crossing warning lights to fail.

If there has been activity that has or could cause the crossing to fail the PICOP, COSS or PC must arrange for staff to attend North Halling Crossing (R/G) to verify to the signaller at Cuxton that the warning lights are functioning correctly.

**Dated: 07/03/15**

## **SO310 - HITHER GREEN TO MAIDSTONE WEST (VIA DARTFORD)**

### **Allington Sidings**

Trains for the sidings must be drawn forward to the special stopping mark, which consists of a white cross on a post.

Propelling movements into the siding are controlled by single aspect white lights, which are normally extinguished. Three lights are located adjacent to the Up line, 12 feet above rail level. When the ground frame points are correctly set the Shunter must operate plunger 'A' to illuminate the lights. Continuous illumination of the lights authorises the Driver to propel into the siding. Should it be necessary to stop the movements the Shunter must operate plunger 'B' to extinguish the lights. The Driver must keep at least one light in view until he comes within sight of the Shunter. If the lights become extinguished during the movement, the Driver must stop immediately.

After correctly setting the points and closing the groundframe, the Shunter will operate plunger 'C' to illuminate the single aspect white lights again, authorising the Driver to propel the train back along the Up Main line. The Shunter must stop the propelling movement when it arrives at the point at which he will rejoin the locomotive. Before doing so he must cancel the ground frame release and advise the Signaller if the train will not depart immediately.

**Dated: 02/12/06**

## **SO310 - HITHER GREEN TO MAIDSTONE WEST (VIA DARTFORD)**

### **MAIDSTONE WEST**

Traincrew of down trains (from the Strood direction), which terminate in the Down Main platform (No.2) must operate the 'Train Arrived Complete' plunger, located on the platform.

**Dated: 24/02/07**

## **SO320 - HOO JN. TO GRAIN (GOODS LINE)**

### **Wybourne LC (AOCL)**

If the flashing Driver's Light situated on the approach to this crossing fails to start automatically, or stops because of a delay to the train, the driver must depress the plunger provided beneath the flashing light.

**Archived: 07/09/2024**

## **SO320 - HOO JN. TO GRAIN (GOODS LINE)**

### **Stoke LC (ABCL)**

If the flashing Driver's Light situated on the approach to this crossing fails to start automatically, or if it stops because of a delay to the train, the driver must wait until the barriers are in the raised position and then depress the plunger provided beneath the flashing light.

**Dated: 02/12/06**

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## EXCEPTIONALLY POOR RAIL ADHESION

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## EXCEPTIONALLY POOR RAIL ADHESION

### SW105 (CLAPHAM JUNCTION TO WEYMOUTH)

Location	Line(s) Affected	Mileage (Between)	Adhesion risk score
Hersham	All	15m 50ch to 16m 20ch	8
Weybridge	Down Slow and Down Fast	18m 00ch to 19m 54ch	9
Basingstoke TP Hut	All	45m 10ch to 45m 60ch	8
Litchfield	Up and Down Main	55m 50ch to 58m 60ch	7
Shawford	All	69m 20ch to 70m 0ch	9
Totton	All	82m 13ch to 82m 73ch	7
Sway to New Milton	Up Main	94m 15ch to 96m 52ch	6
Sway	Down Main	95m 15ch to 95m 75ch	9
Hinton Admiral	All	100m 55ch to 101m 35ch	9
Moreton	All	130m 0ch to 130m 50ch	8

Dated: 01/10/2024

### SW110 (WOKING JUNCTION TO PORTSMOUTH HARBOUR)

Location	Line(s) Affected	Mileage (Between)	Adhesion risk score
Buriton Tunnel (Pertersfield)	All	57m 30ch to 57m 50ch	6

Dated: 01/10/2024

### SW115 (WORTING JUNCTION TO EXETER ST. DAVIDS)

Location	Line(s) Affected	Mileage (Between)	Adhesion risk score
Monxton Viaduct to Grateley	Up and Down Exeter	69m 75ch to 70m 40ch	8
Grateley	Up Exeter	73m 20ch to 77m 70ch	7
Grateley	Down Exeter	73m 12ch to 76m 15ch	8
Salisbury Tunnel Jn	Up and Down Main	82m 24ch to 82m 48ch	9
Salisbury	Up Main	83m 50ch to 83m 75ch	8
Salisbury to Wilton Jn	Down Main	83m 17ch to 85m 14ch	7
Crewkerne	All	131m 50ch to 131m 60ch	7
Hewish Level Crossing	Exeter Main	134m 60ch to 135m 50ch	6
Hay UWC	Exeter Main	137m 30ch to 138m 10ch	6
Chard Jn	All	139m 67ch to 140m 56ch	9
Seaton Jn	Exeter Main	147m 00ch to 147m 50 ch	8
Honiton Tunnel	Exeter Main	150m 10ch to 150m 30ch	7
Feniton	Exeter Main	157m 10ch to 157m 20ch	6

Dated: 01/10/2024

### SW120 (PIRBRIGHT JUNCTION TO ALTON)

Location	Line(s) Affected	Mileage (Between)
Aldershot	All	33m 30ch to 35m 40ch

Dated: 01/10/2024

### SW125 (SOUTHCOTE JUNCTION TO BASINGSTOKE)

Location	Line(s) Affected	Mileage (Between)	Adhesion risk score
Bramley	Up and Down Reading	45m 60ch to 47m 20ch	5

Dated: 01/10/2024

**SW130 (EASTLEIGH TO ROMSEY)**

Location	Line(s) Affected	Mileage (Between)	Adhesion risk score
Chandlers Ford	All	74 m 30 ch <b>to</b> 76 m 50 ch	7

**ARCHIVED: 01/10/2024****SW135 (EASTLEIGH TO FAREHAM)**

Location	Line(s) Affected	Mileage (Between)	Adhesion risk score
Botley	Up Portsmouth	78m 63ch to 78m 68ch	8

**Dated: 01/10/2024****SW140 (ST. DENYS TO PORTCREEK JUNCTION)**

Location	Line(s) Affected	Mileage (Between)	Adhesion risk score
Hamble to Fareham	Up and Down Netley	07m 0ch to 14m 0ch	8
Fareham to Portchester	Up and Down Portsmouth	85m 60ch to 86m 10ch	6
Woolston to Porchester	All	3m 20ch to 86m 10ch	8

**ARCHIVED: 01/10/2024****SW150 (REDBRIDGE TO SALISBURY TUNNEL JUNCTION)**

Location	Line(s) Affected	Mileage (Between)	Adhesion risk score
Mottisfont & Dunbridge	Up and Down Dean	83m 40ch to 84m 70ch	6
Laverstock	Up Dean	90m 12ch to 95m 20ch	8

**Dated: 01/10/2024****SW160 – BROCKENHURST TO LYMINGTON PIER**

Location	Line(s) affected	Mileage (between)	Adhesion risk score
Lymington Town	All	97m 30ch to 98m 0ch	6

**Dated: 01/10/2024****SW170 (WESTBURY TO WILTON JUNCTION)**

Location	Line(s) Affected	Mileage (Between)	Adhesion risk score
Wilton Jn	Down Warminster	131 m 00 ch to 132 m 34 ch	7

**Dated: 01/10/2024****SW175 (CASTLE CARY TO DORCHESTER JUNCTION)**

Location	Line(s) Affected	Mileage (Between)	Adhesion risk score
Maiden Newton	All	155m 50ch to 157m 70ch	6

**Dated: 01/10/2024****SW180 (RAYNES PARK TO HORSHAM)**

Location	Line(s) Affected	Mileage (Between)	Adhesion risk score
Raynes Park	Up and Down Epsom	08m 30ch to 09m 60ch	6

**Dated: 01/10/2024****SW185 (MOTSPUR PARK TO CHESSINGTON SOUTH)**

Location	Line(s) Affected	Mileage (Between)	Adhesion risk score
Chessington South	Down Chessington	13 m 25 ch <b>to</b> 13 m 73 ch	8

**Dated: 01/10/2024**

**SW190 (NEW MALDEN TO SHEPPERTON)**

Location	Line(s) Affected	Mileage (Between)
Shacklegate Jn	Up Shepperton	14m 20ch to 14m 30ch

**Dated: 01/10/2024****SW200 (HAMPTON COURT JUNCTION TO GUILDFORD (VIA COBHAM))**

Location	Line(s) Affected	Mileage (Between)	Adhesion risk score
Claygate to Clandon	Up and Down Cobham	15m 0ch to 26m 21ch	8

**Dated: 04/11/2023****SW205 (LEATHERHEAD TO EFFINGHAM JUNCTION)**

Location	Line(s) Affected	Mileage (Between)	Adhesion risk score
Bookham	Up and Down Bookham	19 m 20 ch <i>to</i> 20 m 70 ch	6

**Dated: 01/10/2024****SW210 (CLAPHAM JUNCTION TO SOUTHCOTE JUNCTION ((VIA READING))**

Location	Line(s) Affected	Mileage (Between)	Adhesion risk score
Wokingham to Winnersh	Up and Down Southern	63m 08ch to 63m 72ch	8

**Dated: 01/10/2024****SW230 (BARNES TO FELTHAM JUNCTION (VIA HOUNSLOW))**

Location	Line(s) Affected	Mileage (Between)	Adhesion risk core
Hounslow	Down Hounslow	12m 14ch to 14m 0ch	7

**Dated:01/10/24****SW250 (STAINES TO WINDSOR ETON RIVERSIDE)**

Location	Line(s) Affected	Mileage (Between)	Adhesion risk score
Windsor and Eton Riverside	Up	25m 20ch to 25m 30ch	6

**Dated: 04/09/2022****SW255 (VIRGINIA WATER TO WEYBRIDGE)**

Location	Line(s) Affected	Mileage (Between)
Addlestone Junction	Up Chertsey	19m 10ch to 19m 20ch

**Dated: 01/10/2024****SW260 (ASCOT TO ASH VALE JUNCTION)**

Location	Line(s) Affected	Mileage (Between)	Adhesion risk score
Bagshot	Up and Down Frimley	31m 58ch to 32m 38ch	6

**Dated: 01/10/2024****SW265 (GUILDFORD TO WOKINGHAM)**

Location	Line(s) Affected	Mileage (Between)	Adhesion risk score
Wanborough	Up and Down Ash	34m 24ch to 35m 30ch	8
Wanborough to Ash	Down Ash	48m 30ch to 48m 60ch	7
Sandhurst	Up Ash	55m 70ch to 57m 20ch	7

**Dated: 01/10/2024**

**SW300 (GOMSHALL TO SHALFORD JUNCTION)**

<b>Location</b>	<b>Line(s) Affected</b>	<b>Mileage (Between)</b>	<b>Adhesion risk score</b>
Gomshall to Chilworth	Up and Down Redhill	35m 21ch to 39m 45ch	6

**Dated: 01/10/2024**

## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
SW105	016	Clapham Junction to Weymouth		BML1	Wessex	21/10/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
<b>FLEET</b>		36 38			<div>TCB RA8</div> <div>Basingstoke SB (BE) DC:Eastleigh</div> <div>GSM-R</div> <div>① - Trains other than those composed entirely of Class 442, 444, 450, 458/4 ECS#, 701,707 units or HST's must not exceed 90 mph</div> <div>#458/4 testing conditions only until 02/11/2024.</div>	
<b>WINCHFIELD</b>		39 66				
<b>HOOK</b>		42 13				
		45 00 *				

## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description		ELR		Route	Last Updated
SW105	017	Clapham Junction to Weymouth		BKE	BML1	Wessex	28/09/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Basingstoke SB (BE)						<div>TCB Basingstoke (BE)</div> <div>RA8 DC:Eastleigh</div> <div>GSM-R</div> <div>① Trains other than those composed entirely of Class 442, 444, 450,458/4 ECS#, 701,707 units or HST's must not exceed 90 mph #458/4 testing conditions only until 02/11/2024.</div> <div>Mileages shown in brackets [ ] apply to and from Reading</div> <div>Platforms 1-3 PP-A Platform 4 PP Platform 5 PP</div> <div>1 Up Siding No.1 2 Down Siding No.1</div>	
		47 30 *					
		47 40 *					
		(51 10) *					
<b>BASINGSTOKE</b>							
		47 50 *					
		47 55 *					
		47 56 *					
		47 61					
		47 74 *					

## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3


LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
SW105	018	Clapham Junction to Weymouth			BML1	Wessex	28/09/2024
Location		Mileage M      Ch		Running lines & speed restrictions		Signalling & Remarks	
Worting Jn		48    12    *		<div><div>1</div><div><div>US</div><div>90</div><div></div><div>90</div><div>4</div></div><div><div>UF</div><div>90</div><div>30</div><div>90</div><div>5</div></div><div><div>DF</div><div>80</div><div>30</div><div>90</div><div>75</div><div>6</div></div><div><div>DS</div><div>80</div><div>20</div><div>90</div><div>90</div><div>7</div></div><div>2</div></div> <div>Thornycroft Siding</div> <td><div><div>TCB</div><div>RA8</div></div><div><div>Basingstoke SB (BE)</div><div>DC:Eastleigh</div></div><div><div>TCB</div><div>Basingstoke SB (BE)</div></div></td> <td><div><div>GSM-R</div><div></div></div></td>		<div><div>TCB</div><div>RA8</div></div> <div><div>Basingstoke SB (BE)</div><div>DC:Eastleigh</div></div> <div><div>TCB</div><div>Basingstoke SB (BE)</div></div>	<div><div>GSM-R</div><div></div></div>
		50    21    *					
		50    29    *					
		50    30    *					
						<div>4 Up Southampton</div> <div>5 Up Exeter</div> <div>6 Down Exeter</div> <div>7 Down Southampton</div>	

## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

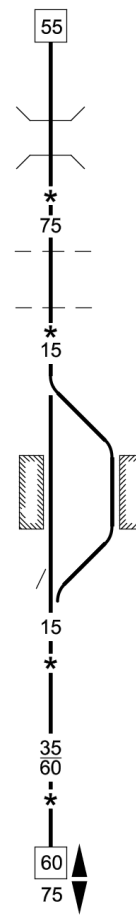

LOR	Seq.	Line of Route Description		ELR		Route	Last Updated
SW105	019	Clapham Junction to Weymouth		BML1	BAE1	Wessex	21/10/2023
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Steventon UWC						<div>TCB Basingstoke SB (BE)</div> <div>RA8 DC:Eastleigh</div> <div>GSM-R</div> <div>           1 Up Southampton            2 Up Exeter            3 Down Exeter            4 Down Southampton         </div>	
		50 69 *					
		50 70 *					
		53 00 *					
		54 12				<div>① - Trains other than those composed entirely of Class 442, 444, 450,458/4 ECS#, 701,707 units or HST's must not exceed 90 mph #458/4 testing conditions only until 02/11/2024.</div>	



## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
SW175	003	Castle Cary to Dorchester Junction			WEY	Wessex	12/10/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Thornford Bridge Crossing <b>THORNFORD</b>  <b>YETMINSTER</b>   Meads Farm Crossing Pound Lane Crossing <b>CHETNOLE</b>						no signalman token with remote loops RA6 Non Electrified	
						GSM-R 	
						Other user worked crossings in this area.	
						Bradford Abbas (Footpath) 143m 36ch	
						Yetminster (Footpath) 145m 18ch	
						Winterhays (Footpath) 146m 32ch	
						Bubdown Lane (Footpath) 147m 68ch	
						Melbury Bubb Down Farm (Footpath) 148m 60ch	
						Woolcombe Bank (Footpath) 148m 60ch	

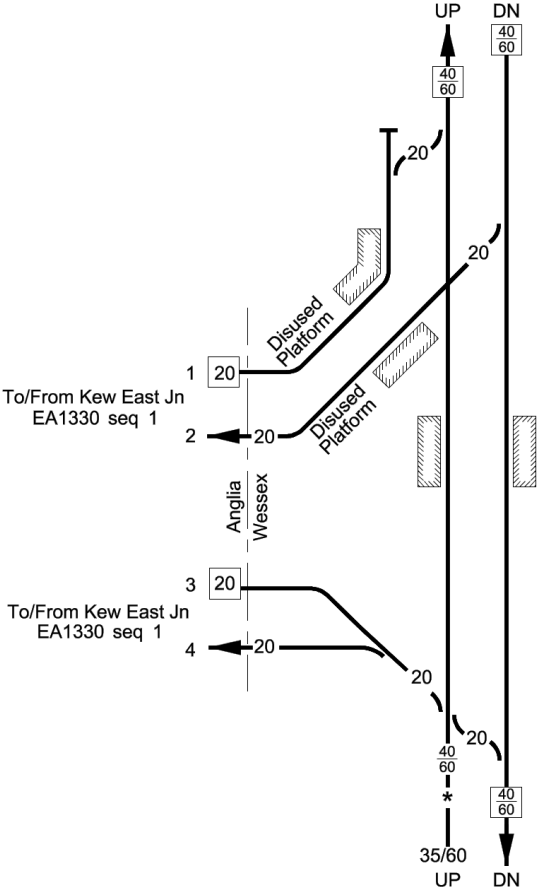

## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SW175	004	Castle Cary to Dorchester Junction	WEY	Wessex	04/08/2018
Location		Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks	
Evershot Tunnel 308 Yards		149 49 to 149 63		GSM-R no signalman token with remote loops RA6 Non Electrified 	
Burl Farm (UWC)		149 70 *			
Hunter (UWC)		150 20			
		151 56			
		153 74 *			
<b>MAIDEN NEWTON</b>		154 12		15 mph through station and over point work CL 1344 ft	
		154 33 *		TB RA6 <div>Dorchester South SB</div>	
		154 65 *			

## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
SW230	001	Barnes to Feltham Junction (via Hounslow)			HOU	Wessex	24/08/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
			<p>To/From Barnes SW210 seq 2</p>			<div>TCB RA8</div> <div>Wimbledon SB (W) DC: Raynes Park</div> <div>GSM-R</div> <div> </div> <div> <p>Basingstoke ROC Staines Workstation 2</p> <p>Axle counter train detection from 8m 65ch</p> </div>	
LC (CCTV)		7 20 *					
Vine Road Barnes (Hounslow line)		7 25					
LC (CCTV)							
<b>BARNES BRIDGE</b>		7 54					
<b>CHISWICK</b>		8 47					
Grove Park LC (CCTV)		8 75					

## Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description		ELR			Route	Last Updated	
SW230	002	Barnes to Feltham Junction (via Hounslow)			HOU	NKE2	BOK6	Wessex	02/09/2023
Location		Mileage M      Ch	Running lines & speed restrictions				Signalling & Remarks		
New Kew Jn		09   34					<div>TCB RA8</div> <div>Basingstoke ROC (BEF) DC: Raynes Park</div> <div>GSM-R</div> <div></div> <div>1 Down Kew Spur 2 Up Kew Spur 3 Down Kew Branch 4 Up Kew Branch</div>		
Route Boundary		03   39 09   64							
<b>KEW BRIDGE</b>		09   53							
Route Boundary		03   39							
Old Kew Jn		10   01 10   07   *							

## SW100 – WATERLOO TO CLAPHAM JUNCTION

### QUEENSTOWN ROAD (BATTERSEA)

The platform on the Windsor Reversible line is closed and there is no exit from it. If a passenger train is detained at signal W928 or W929 Drivers of trains formed with power operated doors must give the bell/buzzer code 2-2 (do not open doors) to the Guard and the doors must not be released. Guards of trains formed with slam door stock must ensure that no passengers alight at the platform, making public address announcements as necessary.

The continuous place of safety on the cress side of the Windsor Reversible line at the London end of the station terminates on each side of the signal cabinets at 2m 39ch. Persons are prohibited from walking past these cabinets unless protection is provided on the Windsor Reversible line by one of the following means:-

- c) protection in accordance with **Handbook 8**, **Handbook 20** or under possession of the line for engineering work as shown in the Rule Book, Module T3;
- d) in emergency, blockage of the Windsor Reversible line in accordance with the **Handbook 2** or, if called to site by the Signaller, protection in accordance with **Handbook 8**;
- e) the presence of a disabled train in connection with which it is necessary to protect the line in accordance with the Rule Book, Module M1 & M2.

**Dated: 06/12/14**

## SW100 - WATERLOO TO CLAPHAM JUNCTION

### CLAPHAM JUNCTION

Trains propelled towards the Latchmere Reversible or Up Ludgate lines must not exceed 693 feet (33 SLUs).

The switched Train Operated Warning Systems at the London end of the station are provided for Shunter's use only, and must not be used by other staff. They are located as follows:-

Main lines - Up side, for the protection of Shunters working in the yard adjacent to the Up Main Fast line;

Windsor lines - Down side, for the protection of Shunters working in the area of the Down Windsor Slow line.

#### Stopping Marks

4, 8, and 12 car stopping marks are provided on the sleepers of the Up Main Fast, Up Windsor Slow and Up Windsor Fast lines to indicate to Drivers when their trains are clear of the respective position light signal (i.e. W1041, W1049 or W1047).

**Dated: 27/09/08**

## SW100 – WATERLOO TO CLAPHAM JUNCTION

### CLAPHAM JUNCTION – Platform 8 Up Main Fast

Due to a gap that is considered too wide for normal use by stopping passenger trains. The Up Main Fast platform 8 at Clapham Junction **must** only be used for stopping passenger trains in an **emergency**.

If an emergency situation occurs that requires the use of platform 8 for a train to stop, the following **must** be applied before the train concerned is allowed to proceed from W132 signal on the Up Main Fast line approaching Clapham Junction;

- The station staff at Clapham Junction must be advised of the train that is requiring to stop
- The driver of the train must be advised that they will be stopping at platform 8. The driver is to advise the guard of the circumstance to allow a passenger announcement to be made.

In other than an emergency situation, for example the Up Loop, platform 7 is unavailable for any reason, no trains are permitted to stop on platform 8 and will run fast to London Waterloo and not call at Clapham Junction.

In this circumstance, the signaller will advise the station staff at Clapham and the train(s) concerned of these arrangements, until such time that the Up Loop, platform 7 is available again. The driver is to advise the guard of the circumstance to allow a passenger announcement to be made.

The Shift Signaller Manager will advise the WICC of any of the above circumstances if they arise.

The Local and/or Operations Manager and On Call Manager can be contacted if there is any dubiety around the implementation of these instructions in connection service alterations and/or recovery with the WICC.

**Dated: 03/12/16**

## SW100 – WATERLOO TO CLAPHAM JUNCTION

### West London Jn.

The continuous place of safety on the cess side of the Windsor Reversible line terminates on each side of the signal cabinets at 3m 14ch. Persons are prohibited from walking past these cabinets unless protection is provided on the Windsor Reversible line by one of the following means:-

- f) protection in accordance with **Handbook 8**, **Handbook 20** or under possession of the line for engineering work as shown in the Rule Book, Module T3;
- g) in emergency, blockage of the Windsor Reversible line in accordance with the **Handbook 2** or, if called to site by the Signaller, protection in accordance with **Handbook 8**;
- h) the presence of a disabled train in connection with which it is necessary to protect the line in accordance with the Rule Book, Module M1 & M2.

**Dated: 06/12/14**

LINE	FORM	CLEAR OF POINTS IN REAR	CLEAR OF POINTS AHEAD
DOWN WINDSOR FAST	U	617 pts	651 pts
UP WINDSOR FAST	Z	2583 pts	664 pts
UP WINDSOR SLOW	Y	647 pts	624/625 fixed diamond
PUTNEY REVERSIBLE	PU	693 pts	W353 Signal
DOWN WINDSOR FAST	Q	692 pts	2581 pts
WINDSOR REVERSIBLE	WR	1535 pts	1585 pts
DOWN WINDSOR FAST	J	1590 pts	1780 pts
UP MAIN RELIEF	UMR	1583 pts	1525 pts
SOUTH SIDING	G	USED AS A POSITION OF SAFETY as shown in handbook 13	
LUDGATES	L	W135 signal	642 pts
UP WINDSOR SLOW	Y	647 pts	624/625 fixed diamond
DOWN WINDSOR SLOW	R	687 pts	692 pts

Dated: 16/10/17

**SW225 - POINT PLEASANT JUNCTION TO WIMBLEDON****East Putney Tunnel**

Diagonal yellow lines are marked on the tunnel walls to indicate the location of the nearest refuge. They lead from the centre point between two refuges down to the refuges. When persons are in the tunnel they must follow the descending lines to the nearest refuge.

**Dated: 02/12/06****SW225 - POINT PLEASANT JUNCTION TO WIMBLEDON****Entire Line Of Route**

Due to the slow operation of trainstops, dual aspects may momentarily be displayed by the signal concerned. If a dual aspect remains displayed Drivers must immediately telephone the Signaller.

**Dated: 02/12/06****SW230 BARNES TO FELTHAM JUNCTION (VIA HOUNSLOW)****Barnes River Bridge****Passage of light locomotives and locomotive hauled trains (passenger & freight) – Temporary Conditions of Travel Restrictions – RA4**

All light locomotive and locomotive hauled traffic are subject for the **RA4** Conditions of Travel to the restrictions contained within SW230 Table A page Seq 001 and the Route Availability tables D4A to D4D to not proceed at no more than 20mph over Barnes River Bridge at 07m 59ch Thames River (Barnes)

NOTE: This is for the duration of the Short Term Network Change until 31/07/2026

**ARCHIVED 24/08/2024****SW245 - TWICKENHAM TO SHACKLEGATE JUNCTION****STRAWBERRY HILL****Train movements between Strawberry Hill station and Strawberry Hill Depot and Carriage Sidings.**

4 car and 5 - 8 car 'Depot' stop marks are provided on the Up line platform at Strawberry Hill, to assist Drivers of trains arriving from the 'Kingston' or 'Fulwell' direction in stopping the rear of the train clear of signal BEF2461 (including 'yard to yard' shunt moves to or from the Depot or Carriage

Sidings). Drivers of 8 car trains must request the Signaller to clear Up platform signal BEF2464 before drawing forward to the 8 car 'Depot' stop mark. If an 8 car passenger train is required to terminate in platform 2, the train must be brought to a stand at the normal 8 car stop, and station duties must be completed before drawing forward to the 8 car 'Depot' stop mark.

An 'S' car 'Depot' stop mark is also provided for trains arriving in the Up platform from the Twickenham direction, so the train can stand a suitable distance away from signal BEF2461 when required.

**Terminating Trains Out Of Course**

The signaller must, in this circumstance, contact the driver and establish one of the following:

Check whether they have the required route knowledge via Fulwell to reverse.

or

The Signaller must contact the driver and advise them that the train will terminate in the down platform then shunt to the up platform ECS

or

The Signaller must contact the driver and confirm that the train will terminate in the Up platform. Remind the driver about local door if 8 cars so that the guard can be informed and use Local Door only.

**Dated: 21/08/2021**



## LIST OF MODULE PAGES AND DATES

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6	04 September 2021
7	30 May 2020
8	30 May 2020
9	01 June 2019
10	01 June 2019
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36P	02 December 2023
37	03 June 2023
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39	29 February 2020
40	29 February 2020
41	30 May 2020
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44A	30 May 2020
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44C	03 June 2023
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44E	07 June 2014
44F	07 June 2014
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46	03 June 2023
47	04 September 2021
48	04 September 2021
49	03 June 2017
50	03 June 2017
51	02 March 2024
52	02 March 2024
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67B	04 September 2021
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67T	05 June 2021
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67X	31 August 2019
68	31 August 2019
69	03 March 2018
70	03 March 2018
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81	03 December 2016

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88A	30 May 2020
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88J	04 December 2021
88K	01 December 2018
88L	01 December 2018
88M	06 September 2014
88N	06 September 2014
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97	02 June 2018
98	02 June 2018
99	31 August 2024
100	31 August 2024
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102	29 February 2020
103	06 September 2014
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105	02 June 2018
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133	02 June 2018
134	02 June 2018
135	30 May 2020
136	30 May 2020
<b>137</b>	<b>07 December 2024</b>
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139	07 September 2024
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141	02 June 2018
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147	02 March 2024
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149	02 June 2018
150	02 June 2018
<b>151</b>	<b>07 December 2024</b>
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153	02 December 2023
154	02 December 2023
155	02 March 2024
156	02 March 2024
157	03 March 2018
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<b>159</b>	<b>07 December 2024</b>
<b>160</b>	<b>07 December 2024</b>
161	04 June 2022
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163	03 March 2018
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165	04 June 2022
166	04 June 2022
167	03 March 2018

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169	03 December 2016
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171	02 March 2024
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## Kent / Sussex / Wessex Routes Sectional Appendix Module KSWRC

Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	RA	08	09	20	31/1 31/6	31/4	33	37/0 37/3 37/4 37/6	37/5	Notes
SW220	WLL	Latchmere Jn No.1 – Latchmere Jn No.2 [Duplicated in SO250]	0	63	0	68	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW220	WLL	Latchmere Jn No.2 – Kensington Olympia [Duplicated in SO250]	0	71	3	42	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW225	PPW	Point Pleasant Jn – Network Rail Boundary (TfL – District Line)	5	09	5	67	6	N	N	N	N	N	N	N	N	
SW225	PPW	Network Rail Boundary (TfL – District Line) – Wimbledon North Jn (TfL infrastructure)	5	67	8	26	6	N	N	N	N	N	N	N	N	
SW230	HOU	Barnes – New Kew Jn	7	07	9	34	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW230	NKE2	New Kew Jn – Route Boundary (EA1330) (Kew East Jn)	9	34	9	64	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW230	HOU	New Kew Jn – Old Kew Jn	9	34	10	01	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW230	BOK5	Old Kew Jn – Route Boundary (EA1330) (Kew East Jn)	3	69	3	61	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW230	HOU	Old Kew Jn – Hounslow Jn	10	01	14	09	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW230	HJW	Hounslow Jn – Whitton Jn	14	09	14	39	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW230	HOU	Hounslow Jn – Feltham Jn	14	09	14	38	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW245	TSJ	Jn (Twickenham) – Strawberry Hill Jn	11	48	12	27	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW245	SHF	Strawberry Hill Jn – Fulwell Jn	12	27	12	56	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW245	TSJ	Strawberry Hill Jn – Shacklegate Jn	12	27	12	58	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW250	SWE	Staines – Windsor and Eton Riverside	19	02	25	48	4	Y	Y	Y	Y	Y	Y	Y	Y	R1
SW255	VWW	Virginia Water Jn – Addlestone Jn	24	73	19	74	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW255	AJB	Addlestone Jn – Byfleet Jn	0	00	0	67	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW255	VWW	Addlestone Jn – Weybridge	19	74	19	12	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW260	AAV	Ascot – Ash Vale Jn	28	79	40	57	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW265	GTW1	Guilford – Change of ELR	30	27	35	50	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW265	GTW2	Change of ELR – Aldershot South Jn	48	34	50	01	8	Y	Y	Y	Y	Y	Y	Y	Y	

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Line of route	ELR	Line of Route / Sector Description	<div>○○○○○</div> M	<div>○○○○○</div> Ch	<div>○○○○○</div> M	<div>○○○○○</div> Ch	RA	08	09	20	31/1 31/6	31/4	33	37/0 37/3 37/4 37/6	37/5	Notes
SW265	NSA	Aldershot South Jn – Aldershot North Jn	50	01	50	43	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW265	GTW2	Aldershot South Jn – Wokingham Jn	50	01	61	74	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW300	RSJ	Route Boundary (Sussex SO560) (Redhill) – Shalford Jn	33	10	41	62	8	Y	Y	Y	Y	Y	Y	Y	Y	

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Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	RA	37/7	37/9	43	47/2	47/4	47/7	56	57	Notes
SW175	YJP	Yeovil Pen Mill Jn – Yeovil Jn	1	42	0	00	6	N	N	Y	Y	Y	Y	Y	Y	
SW175	WEY	Yeovil Pen Mill Jn – Dorchester Jn	141	35	162	14	6	R1	R1	R1	R1	R1	R1	R1	R1	R1 40mph maximum speed
SW180	RPE	Raynes Park – Epsom (Change of ELR)	8	51	14	18	8	Y	Y	N	Y	Y	Y	Y	Y	
SW180	BTH2	Route Boundary Sussex (Ewell East) – Epsom [Duplicated in SO680]	17	33	18	73	8	Y	Y	N	Y	Y	Y	Y	Y	
SW180	BTH3	Epsom (Change of ELR) – Leatherhead [Duplicated in SO680]	14	27	18	02	8	Y	Y	N	Y	Y	Y	Y	Y	
SW180	BTH3	Leatherhead – Route Boundary Sussex (Horsham) [Duplicated in SW180]	18	02	21	09	8	Y	Y	N	Y	Y	Y	Y	Y	
SW180	BTH3	Route Boundary Sussex (Leatherhead) – Horsham jn (SO520) [Duplicated in SO680]	21	09	35	34	8	R1	R1	N	R1	R1	R1	R1	R1	R1 15 mph over bridge 3/319 (22m 15ch)
SW185	MPC	Motspur Park – Chessington South	9	57	13	73	8	Y	Y	N	Y	Y	Y	Y	Y	
SW190	NMS1	New Malden – Fulwell Jn	9	62	14	53	8	Y	Y	N	Y	Y	Y	Y	Y	
SW190	NMS2	Fulwell Jn – Shepperton	12	56	18	73	8	Y	Y	N	Y	Y	Y	Y	Y	
SW195	HAM	Hampton Court Jn – Hampton Court Up line	13	27	14	76	4	R1	R1	N	R1	R1	R1	R1	R1	R1 10 mph over bridge 14/2 (13m 45ch)
SW195	HAM	Hampton Court Jn – Hampton Court Down line	13	27	14	76	8	Y	Y	N	Y	Y	Y	Y	Y	
SW200	NGL	Hampton Court Jn – Effingham Jn	13	27	21	04	8	R1	R1	N	R1	R1	R1	R1	R1	R1 15mph over bridge 10 (16m 51ch) between Claygate and Oxshott.
SW200	NGL	Effingham Jn – Guilford	21	04	29	70	8	Y	Y	N	Y	Y	Y	Y	Y	
SW205	LEJ	Leatherhead – Effingham Jn	18	02	22	15	8	Y	Y	N	Y	Y	Y	Y	Y	
SW210	RDG1	Clapham Jn – Point Pleasant Jn	3	74	5	09	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW210	RDG1	Point Pleasant Jn – Richmond	5	09	9	57	8	Y	Y	Y	Y	Y	Y	Y	Y	

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Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	RA	37/7	37/9	43	47/2	47/4	47/7	56	57	Notes
SW210	RDG1	Richmond – Virginia Water	9	57	23	15	8	Y	Y	R1 R2 R3 R4 R5	Y	Y	Y	Y	Y	R1 10mph Twickenham Down platform R2 10mph Whitton Down platform R3 20mph Feltham Down platform R4 20mph Virginia Water Down platform R5 20mph Egham Down platform
SW210	RDG1	Virginia Water – Wokingham Jn	23	15	36	35	8	Y	Y	R1 R2 R3 R4	Y	Y	Y	Y	Y	R1 15mph Sunningdale Down platform R2 20mph Ascot Down platform R3 Prohibited Ascot Up line R4 5mph Bracknell Up and Down platforms
SW210	RDG2	Wokingham Jn – Reading Spur Jn	61	72	67	76	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW210	RNJ	Reading Spur Jn – Route Boundary (GW190) (Reading New Jn)	68	00	67	76	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW210	RDG2	Reading Spur Jn – Reading Southern Jn	67	76	68	25	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW210	RLL	Route Boundary Western (Reading East Main Jn) – Reading Southern Jn	35	35	0	00	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW210	RDG2	Reading Southern Jn – Reading platforms 4, 5 and 6	68	25	68	68	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW220	CKL	Latchmere Jn No.3 – Latchmere Jn No.1 [Duplicated in SO250]	2	39	2	50	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW220	WLL	Latchmere Jn No.1 – Latchmere Jn No.2 [Duplicated in SO250]	0	63	0	68	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW220	WLL	Latchmere Jn No.2 – Kensington Olympia [Duplicated in SO250]	0	71	3	42	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW225	PPW	Point Pleasant Jn – Network Rail Boundary (TfL – District Line)	5	09	5	67	6	N	N	N	N	N	N	N	N	
SW225	PPW	Network Rail Boundary (TfL – District Line) – Wimbledon North Jn (TfL infrastructure)	5	67	8	26	6	N	N	N	N	N	N	N	N	
SW230	HOU	Barnes – New Kew Jn	7	07	9	34	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW230	NKE2	New Kew Jn – Route Boundary (EA1330) (Kew East Jn)	9	34	9	64	8	Y	Y	N	Y	Y	Y	Y	Y	
SW230	HOU	New Kew Jn – Old Kew Jn	9	34	10	01	8	Y	Y	Y	Y	Y	Y	Y	Y	



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Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	RA	58	59	60	66	67	68	70	73	97/3	Notes
SW175	WEY	Route Boundary (GW500) (Castle Cary Jn) – Yeovil Pen Mill Jn	130	00	141	35	6	N	Y	N	Y	R1	N	Y	Y	Y	R1 70mph maximum speed
SW175	YJP	Yeovil Pen Mill Jn – Yeovil Jn	1	42	0	00	6	N	Y	N	Y	R1	N	N	Y	Y	R1 70mph maximum speed
SW175	WEY	Yeovil Pen Mill Jn – Dorchester Jn	141	35	162	14	6	N	R1	N	R1	R1	N	R1	R1	R1	R1 40mph maximum speed
SW180	RPE	Raynes Park – Epsom (Change of ELR)	8	51	14	18	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW180	BTH2	Route Boundary Sussex (Ewell East) – Epsom [Duplicated in SO680]	17	33	18	73	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW180	BTH3	Epsom (Change of ELR) – Leatherhead [Duplicated in SO680]	14	27	18	02	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW180	BTH3	Leatherhead – Route Boundary Sussex (Horsham) [Duplicated in SW180]	18	02	21	09	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW180	BTH3	Route Boundary Sussex (Leatherhead) – Horsham Jn (SO520) [Duplicated in SO680]	21	09	35	34	8	R1	R1	R1	R1	R1	R1	R1	R1	R1	R1 15 mph over bridge 3/319 (22m 15ch)
SW185	MPC	Motspur Park – Chessington South	9	57	13	73	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW190	NMS1	New Malden – Fulwell Jn	9	62	14	53	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW190	NMS2	Fulwell Jn – Shepperton	12	56	18	73	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW195	HAM	Hampton Court Jn – Hampton Court Up line	13	27	14	76	4	R1	R1	R1	R1	R1	N	N	R1	R1	R1 10 mph over bridge 14/2 (13m 45ch)
SW195	HAM	Hampton Court Jn – Hampton Court Down line	13	27	14	76	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW200	NGL	Hampton Court Jn – Effingham Jn	13	27	21	04	8	R1	R1	R1	R1	R1	R1	R1	R1	R1	R1 15mph over bridge 10 (16m 51ch) between Claygate and Oxshott
SW200	NGL	Effingham Jn – Guilford	21	04	29	70	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW205	LEJ	Leatherhead – Effingham Jn	18	02	22	15	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW210	RDG1	Clapham Jn – Point Pleasant Jn	3	74	5	09	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW210	RDG1	Point Pleasant Jn – Richmond	5	09	9	57	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW210	RDG1	Richmond – Virginia Water	9	57	23	15	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	

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Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	RA	58	59	60	66	67	68	70	73	97/3	Notes
SW210	RDG1	Virginia Water – Wokingham Jn	23	15	36	35	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW210	RDG2	Wokingham Jn – Reading Spur Jn	61	72	67	76	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW210	RNJ	Reading Spur Jn – Route Boundary (GW190) (Reading New Jn)	68	00	67	76	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW210	RDG2	Reading Spur Jn – Reading Southern Jn	67	76	68	25	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW210	RLL	Route Boundary Western (Reading East Main Jn) – Reading Southern Jn	35	35	0	00	8	N	Y	Y	Y	Y	Y	Y	Y	Y	
SW210	RDG2	Reading Southern Jn – Reading platforms 4, 5 and 6	68	25	68	68	8	Y	Y	Y	Y	Y	R1	Y	Y	Y	R1 Prohibited Reading Bay platform 6
SW220	CKL	Latchmere Jn No.3 – Latchmere Jn No.1 [Duplicated in SO250]	2	39	2	50	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW220	WLL	Latchmere Jn No.1 – Latchmere Jn No.2 [Duplicated in SO250]	0	63	0	68	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW220	WLL	Latchmere Jn No.2 – Kensington Olympia [Duplicated in SO250]	0	71	3	42	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW225	PPW	Point Pleasant Jn – Network Rail Boundary (TfL – District Line)	5	09	5	67	6	N	N	N	N	N	N	N	N	N	
SW225	PPW	Network Rail Boundary (TfL – District Line) – Wimbledon North Jn (TfL infrastructure)	5	67	8	26	6	N	N	N	N	N	N	N	N	N	
SW230	HOU	Barnes – New Kew Jn	7	07	9	34	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW230	NKE2	New Kew Jn – Route Boundary (EA1330) (Kew East Jn)	9	34	9	64	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW230	HOU	New Kew Jn – Old Kew Jn	9	34	10	01	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW230	BOK5	Old Kew Jn – Route Boundary (EA1330) (Kew East Jn)	3	69	3	61	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW230	HOU	Old Kew Jn – Hounslow Jn	10	01	14	09	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW230	HJW	Hounslow Jn – Whitton Jn	14	09	14	39	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW230	HOU	Hounslow Jn – Feltham Jn	14	09	14	38	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW245	TSJ	Jn (Twickenham) – Strawberry Hill Jn	11	48	12	27	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	

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Line of route	ELR	Line of Route / Sector Description	0000	0000	0000	0000	RA	86	87	88	90	91	92	Notes
			M	Ch	M	Ch								
SW190	NMS1	New Malden – Fulwell Jn	9	62	14	53	8	N	N	Y	N	N	N	
SW190	NMS2	Fulwell Jn – Shepperton	12	56	18	73	8	N	N	Y	N	N	N	
SW195	HAM	Hampton Court Jn – Hampton Court Up line	13	27	14	76	4	N	N	N	N	N	N	
SW195	HAM	Hampton Court Jn – Hampton Court Down line	13	27	14	76	8	N	N	Y	N	N	N	
SW200	NGL	Hampton Court Jn – Effingham Jn	13	27	21	04	8	N	N	Y	N	N	N	
SW200	NGL	Effingham Jn – Guilford	21	04	29	70	8	N	N	Y	N	N	N	
SW205	LEJ	Leatherhead – Effingham Jn	18	02	22	15	8	N	N	Y	N	N	N	
SW210	RDG1	Clapham Jn – Point Pleasant Jn	3	74	5	09	8	N	N	Y	N	N	N	
SW210	RDG1	Point Pleasant Jn – Richmond	5	09	9	57	8	N	N	Y	N	N	N	
SW210	RDG1	Richmond – Virginia Water	9	57	23	15	8	N	N	Y	N	N	N	
SW210	RDG1	Virginia Water – Wokingham Jn	23	15	36	35	8	N	N	Y	N	N	N	
SW210	RDG2	Wokingham Jn – Reading Spur Jn	61	72	67	76	8	N	N	Y	N	N	N	
SW210	RNJ	Reading Spur Jn – Route Boundary (GW190) (Reading New Jn)	68	00	67	76	8	N	N	Y	N	N	N	
SW210	RDG2	Reading Spur Jn – Reading Southern Jn	67	76	68	25	8	N	N	Y	N	N	N	
SW210	RLL	Route Boundary Western (Reading East Main Jn) – Reading Southern Jn	35	35	0	00	8	N	N	Y	N	N	N	
SW210	RDG2	Reading Southern Jn – Reading platforms 4, 5 and 6	68	25	68	68	8	N	N	Y	N	N	N	
SW220	CKL	Latchmere Jn No.3 – Latchmere Jn No.1 [Duplicated in SO250]	2	39	2	50	8	N	N	Y	N	N	Y	
SW220	WLL	Latchmere Jn No.1 – Latchmere Jn No.2 [Duplicated in SO250]	0	63	0	68	8	N	N	Y	N	N	Y	
SW220	WLL	Latchmere Jn No.2 – Kensington Olympia [Duplicated in SO250]	0	71	3	42	8	N	N	Y	N	N	Y	
SW225	PPW	Point Pleasant Jn – Network Rail Boundary (TfL – District Line)	5	09	5	67	6	N	N	Y	N	N	N	

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Line of route	ELR	Line of Route / Sector Description	0000 M	0000 Ch	0000 M	0000 Ch	RA	86	87	88	90	91	92	Notes
SW225	PPW	Network Rail Boundary (TfL – District Line) – Wimbledon North Jn (TfL infrastructure)	5	67	8	26	6	N	N	N	N	N	N	
SW230	HOU	Barnes – New Kew Jn	7	07	9	34	8	N	N	Y	N	N	N	
SW230	NKE2	New Kew Jn – Route Boundary (EA1330) (Kew East Jn)	9	34	9	64	8	N	N	Y	N	N	N	
SW230	HOU	New Kew Jn – Old Kew Jn	9	34	10	01	8	N	N	Y	N	N	N	
SW230	BOK5	Old Kew Jn – Route Boundary (EA1330) (Kew East Jn)	3	69	3	61	8	N	N	Y	N	N	N	
SW230	HOU	Old Kew Jn – Hounslow Jn	10	01	14	09	8	N	N	Y	N	N	N	
SW230	HJW	Hounslow Jn – Whitton Jn	14	09	14	39	8	N	N	Y	N	N	N	
SW230	HOU	Hounslow Jn – Feltham Jn	14	09	14	38	8	N	N	Y	N	N	N	
SW245	TSJ	Jn (Twickenham) – Strawberry Hill Jn	11	48	12	27	8	N	N	Y	N	N	N	
SW245	SHF	Strawberry Hill Jn – Fulwell Jn	12	27	12	56	8	N	N	Y	N	N	N	
SW245	TSJ	Strawberry Hill Jn – Shacklegate Jn	12	27	12	58	8	N	N	Y	N	N	N	
SW250	SWE	Staines – Windsor and Eton Riverside	19	02	25	48	4	N	N	N	N	N	N	
SW255	VWW	Virginia Water Jn – Addlestone Jn	24	73	19	74	8	N	N	Y	N	N	N	
SW255	AJB	Addlestone Jn – Byfleet Jn	0	00	0	67	8	N	N	Y	N	N	N	
SW255	VWW	Addlestone Jn – Weybridge	19	74	19	12	8	N	N	Y	N	N	N	
SW260	AAV	Ascot – Ash Vale Jn	28	79	40	57	8	N	N	Y	N	N	N	
SW265	GTW1	Guilford – Change of ELR	30	27	35	50	8	N	N	Y	N	N	N	
SW265	GTW2	Change of ELR – Aldershot South Jn	48	34	50	01	8	N	N	Y	N	N	N	
SW265	NSA	Aldershot South Jn – Aldershot North Jn	50	01	50	43	8	N	N	Y	N	N	N	
SW265	GTW2	Aldershot South Jn – Wokingham Jn	50	01	61	74	8	N	N	Y	N	N	N	
SW300	RSJ	Route Boundary (Sussex SO560) (Redhill) – Shalford Jn	33	10	41	62	8	N	N	Y	N	N	N	