

NETWORK RAIL

Kent, Sussex &

Wessex Routes

KSW

Week No.
49

PERIODICAL OPERATING NOTICE

CONTAINING

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

INCORPORATING

SUPPLEMENT NO. 66 TO THE KSW ROUTE
SECTIONAL APPENDIX

SATURDAY 02 MARCH 2024
to
FRIDAY 31 MAY 2024
Inclusive

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

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

This notice comprises of 32 pages

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

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ACKNOWLEDGEMENT SLIP

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

I, the undersigned, acknowledge receipt of the Periodical Operating Notice and Supplement No. 66 to the KSW Route Sectional Appendix effective from Saturday 02 March 2024 to Friday 31 May 2024.

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. 66 and is dated 02 March 2024. In line with current industry standards items published in the Supplement will not appear in future PONs.

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

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

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

**NETWORK RAIL 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

RECORDING OF CONVERSATIONS

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

This publication is printed and distributed by APS Group

Telephone:

0161 495 4515

E-mail:

nrrons@theapsgroup.com

LATE OR NON-DELIVERY

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

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

Contents

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 **02 March 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

Amendment No	Publication and section
Part C - New amendments to National Operations Publications	
	N/A
Amendment No	Publication and section
Part D - Previous amendments to National Operations Publications	
04/23	GERT8000-T3, Rule Book module T3, Possession of a running line for engineering work, issue 11, section 9.1

Part C - New amendments to National Operations Publications

GERT8000 Rule Book

There are no new amendments to the Rule Book.

Part D - Previous amendments to National Operations Publications

GERT8000 Rule Book

Module T3 Possession of a running line for engineering work

9.1 Authority for movements of engineering trains (see diagram T3.4)

Explanation of change

Following a recent incident in which an on-track machine entered a possession at an intermediate point without getting the necessary authority from the PICOP or the signaller, it was agreed that the instructions to a driver on who can give that authority do not completely explain the procedure. Section 9.1 a) states that when entering from a line not under possession the signaller gives the authority and that the driver will be met, but does not explain where or by whom. Section 9.1 b) explains that for a movement from a siding under possession, the PICOP gives authority. Section 9.1 c) does not refer to a movement from a siding under possession directly into a work site. Handbook 11 and handbook 12 do explain to PICOPs and ESs that they, or competent persons on their behalf, will meet the train and where they will do so. Section 9.1 a) has been expanded to explain that when the signaller authorises a movement to enter a possession at an intermediate point, the train will be met at that point by the PICOP if the train is to enter the possession between work sites, or by the ES if the train is to enter directly into a work site. In either case this can be a competent person on behalf of the PICOP or ES. Section 9.1 b) has not been changed as the PICOP when authorising the movement from an adjacent siding will give the driver any necessary instructions. Section 9.1 c) now includes a new item to say that a movement from a siding under possession directly into a work site will be met at the siding exit by the ES or a competent person on the ES's behalf. As the competency of safe work leader is now obsolete, the previous references to an SWL have been removed. Section 9.1 has been revised as shown. Diagram T3.4 has not been changed.

9.1 Authority for movement of engineering trains (See diagram T3.4)

driver

You must make movements only if you have the authority of the following personnel.

a) Signaller

The signaller will personally authorise you to make a movement that is required to:

- proceed from either end towards the detonator protection for the possession
- proceed to the location where your train will be met when entering the possession when the PICOP has the token on a single line
- enter the possession at an intermediate point where your train will be met
- pass through points or crossings that are protecting the possession at an intermediate point when leaving the possession
- proceed past the location of the detonator protection when leaving the possession
- proceed from the location agreed between the PICOP and signaller when the train is leaving the possession when the PICOP has the token on a single line.

If you are given permission to enter the possession at an intermediate point between work sites, you will be met there and given instructions by the PICOP, or a competent person sent by the PICOP. If the movement from that point will be directly into a work site, you will be met there by the ES, or a competent person sent by the ES.

driver

b) PICOP

The PICOP (or competent person on the PICOP's behalf) will authorise you to make a movement that is required to:

- go past the location of the detonator protection into the possession
- pass through points or crossings that are protecting the possession at an intermediate point when entering the possession
- enter or leave the possession from a siding that is also under possession
- move between the detonator protection at each end of the possession and the nearest work site
- pass the work-site marker board (WSMB) at the exit from a work site, this will be showing two yellow flashing lights
- move between work sites.

The PICOP will wear an armband on the left arm, or a badge on the upper body, with PERSON I.C. POSSESSION in red letters on a yellow background.

c) ES

The ES (or a competent person on the ES's behalf) will authorise you to make a movement:

- past a WSMB into a work site, this will be showing two red flashing lights
- within a work site.

The ES can permit a person to travel in your cab to give you instructions about the working of your train while loading and unloading, as shown in module SS2 *Shunting*.

If you are entering the possession from an adjacent siding under possession directly into a work site, the ES, or a competent person sent by the ES, will meet you at the exit from the siding to give you instructions.

The ES will wear an armband on the left arm, or a badge on the upper body, with ENGINEERING SUPERVISOR in blue letters on a yellow background.

driver

Table 1**Explanation of change**

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

Delete: the following which ceased to be valid after 30th June 2023:

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

Amend: the following as shown:

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

Add: the following new entry:

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

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

Explanation of change

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

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

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

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

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

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

Explanation of change

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

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

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

Rule Book module or handbook	Section or regulation	Amendment
T3 ERTMS Possession of an ERTMS running line for engineering work where lineside signals are not provided	5.9	Amend ‘manned level crossing’ to ‘manually-controlled level crossing’
TS9 Level crossings – signallers’ regulations	1	Amend ‘manned crossing with barriers’ to ‘manually-controlled level crossing with barriers’ Amend ‘manned crossing with gates’ to ‘manually-controlled crossing with gates’
TW8 Level crossings – drivers’ instructions	1	Amend ‘manned crossing with barriers’ to ‘manually-controlled level crossing with barriers’ Amend ‘manned crossing with gates’ to ‘manually-controlled crossing with gates’

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-T3 Possession of a running line for engineering work, issue 11, section 9.1	04/23	December 2023

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
Arundel	AR	01273 228303	00 68303	74 3303 01
Ashford Integrated Electronic Control Centre (IECC) Signaller Shift Manager	AD	01233 617250	00 77250	74 2250 01
Workstation 1 <i>(Elmstead Woods - Hildenborough)</i>	AD	01233 898085	00 78085 00 78086	74 2253 01
Workstation 2 <i>(Hildenborough to Staplehurst including Tonbridge to Godstone and Paddock Wood to Beltring)</i>	AD	01233 898087	00 78087 00 78088	74 2254 01
Workstation 3 <i>(Ashford to Rye)</i>	AD	01233 898090	00 78089 00 78090	74 2255 01
Workstation 4 <i>(Staplehurst to Westenhanger)</i>	AD	01233 898005	00 78005 00 78091	74 2256 01
Workstation 5 <i>(Westenhanger to Folkestone/Eurotunnel interface)</i>	AD	01233 898006	00 78006 00 78092	74 2257 01
Ashford (CTRL) Shift Manager	AF	01233 739410 01233 739411	085 39410 085 39411	74 2004 02
Aylesford	AF	01622 680860	00 70860	74 2209 01
Barnham	BH	01273 228354	00 68354	74 3307 01
Basingstoke Dorset Coast	PW	01256 490010	075 0010/19	74 4208 01
Basingstoke East Signaller	BE	01256 478756	07 50186	74 4205 01
Basingstoke West Signaller	BE	01256 478758	07 50193	74 4206 01
Basingstoke West of England Panel	SE	01256 490006	07 50006	74 4207 01
Bognor Regis	BR	01273 228358	00 68358	74 3309 01
Basingstoke Rail Operating Centre	BEF			
BROC Shift Manager	BEF	0330 8543011	085 43011	74 3370 01
Strawberry Hill Workstation 1 <i>(Norbiton/Shepperton to Strawberry hill including depot)</i> <i>(Richmond to Whitton)</i>	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
Ascot Workstation 3 (Rusham CCTV to Bracknell) (Virginia Water to Addlestone) (Ascot to Frimley)	BEF	0330 854013	085 43013	74 4103 01
Level Crossing Workstation 2 (Chertsey CCTV Rusham CCTV)	BEF	0330 8543016	085 43016	
Bo Peep Junction	BJ	01233 651119	00 71119	74 3299 01
Bournemouth	BC	01202 295893	075 3332	74 4213 01
Brockenhurst	BH	01590 623800	075 8704	74 4212 01
Canterbury West	EDH	01233 617817	00 77817	74 2217 01
Canterbury Wye Area Control Centre	EBT	01233 617855	00 77855	74 2222 01
Chartham (Crossing Box)		01233 617812	00 77812	
Chichester	CC	01273 228360	00 68360	74 3310 01
Cuxton	CX	01233 651297 01233 651368	00 71297 00 71368	74 2207 01
Deal	EBZ	01304 200711	00 80711	74 2221 01
Dorchester South	DR	01305 262483	085 28317	74 4201 01
Dorking	CBK	01483 804648 01483 804618	00 64648 00 64618	74 3300 01
East Farleigh	EF	01622 680807	00 70807	74 2211 01
East Kent Signalling Centre (EKSC)				
Signaller Shift Manager	EK	01233 651393	00 71393	74 2230 01
Ramsgate Workstation – Minster East Junction (excl) to London side of Birchington-on-Sea	EK	01233 651392	00 71392	74 2232 01
Faversham Workstation – London side of Birchington-on-Sea/Buckland Junction (excl) to Sittingbourne (excl)	EK	01233 651391	00 71391	74 2231 01
Rochester Workstation – Longfield (excl/Higham (incl) to Chatham Station	EK	01233 651 251	00 71251	74 2234 01
Sittingbourne Workstation – Chatham Station (excl) to Sittingbourne (incl) Sheerness branch (complete) Note: Signal prefix on the Sheerness branch between Middle Junction (excl) and Sheerness is EV	EK EV	01233 651252	00 71252	74 223301
Eastleigh, Signaller Shift Manager		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
Panel 1 – Worting Jn (excl) – Southampton Parkway, Hedge End to Eastleigh	E / EH	02380 728875	075 8875	74 4220 01
Panel 2 – (St Denys End) Southampton Parkway (excl) to Northam (incl) Northam to Southampton Eastern Docks	E	02380 728890	075 8890	74 4221 01
Panel 2 (Southampton / Fareham End) – Northam (excl) to Southampton (incl), Fareham to Hedge End / St Denys	E	02380 728890	075 7251	74 4222 01
Panel 3 – Dunbridge (excl) to Millbrook, Ashurst New Forest / Marchwood to Redbridge, Southampton Western Docks	E	02380 728894	075 8894	74 4223 01
FAX			075885	
Exeter	E	01392 210873	07 66410 07 66411 07 66412	
Exmouth Jn	EJ	01392 412764	07 66311	
Farncombe	WZ	01483 416021	00 67658	74 4209 01
Feltham , 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
Folkestone East	YE	01303 290027	00 80027	74 2218 01
Guildford ASC	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
Haslemere	EW	01428 651748	00 67661 00 67663	74 4210 01
Hastings	EDL	01233 617009	00 77009 / 00 71032	74 2223 01
Havant ASC				
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
Lancing				
Panel 1 (Hove to East Worthing)	LG	01903 763937	00 60015	74 3311 01
Panel 2 (East Worthing to Angmering)	LG	01903 763937	00 60016	74 3312 01
Panel 3	LG	01903 763937	00 60018	
Littlehampton	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	01622 680841	00 78048	74 2202 01
Maidstone West	MS	01622 680831	00 70831	74 2210 01
		01622 680898	00 70898	
Marchwood	MW	02380 728028	075 8028	74 4230 01
Minster	EBE	01304 200672	00 80672	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	01233 898114	00 78114	74 2251 01
North Kent 2 Dartford /Higham / Grain single line	NK	01233 898120	00 78120	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	01233 617638	00 77638 00 74431	74 2224 01
Rye	RY	01233 617311	00 77311	74 2219 01
Salisbury	SY	01722 329480	075 5111 / 075 8547	74 4218 01
Sandwich	SW	01304 200707	00 80707	74 2220 01
Sturry	ST	01233 617815	00 77815	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
Three Bridges Rail Operating Centre (TBROC)				
Shift Signalling Manager (Kent)		01293 621368	085 75368	74335501
Shift Signalling Manager (Sussex)		01293 621350	085 75350	74335501
Shift Signalling Manager (Victoria Central)		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
TBROC Cannon Street “A” Workstation Cannon Street to London Bridge	TL	01293 621360	085 57360	74 332901
TBROC Cannon Street “B” Workstation London Bridge to New Cross/	TL	01293 621361	085 57361	74 333301
TBROC Lewisham Workstation New Cross to Lewisham	TL	01293 621364	085 57364	74 333501
TBROC Angerstein Workstation Deptford/Lewisham to Woolwich Arsenal/Eltham	TL	01293 621393	085 75393	74 333901
TBROC Grove Park “A” Workstation Lewisham to Hayes/Hither Green (excl)	TL	01293 621370	085 75370	74 333601
TBROC Grove Park B Workstation 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
TBROC Thameslink Core South Workstation Farringdon (incl) to Loughborough Junction (excl)	TVS	01293 621369	085 75369	74 3326 01
TBROC Thameslink Core Central Workstation Farringdon (excl) to Kentish Town (excl) and Camden Road tunnels to St Pancras High Level platforms	TWH	01293 621367	085 75367	74 3325 01
TBROC Streatham Workstation 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
TBROC Sutton Workstation Wallington/Mitcham Eastfields/ Epsom downs to Sutton Sutton to Cheam/ Haydons Road (Incl Wimbledon P9)	TVC	01293 621353	085 75353	74 3106 01
TBROC Victoria Central Workstation <i>(Battersea park to Victoria P9-19)</i>	TVC	0330 8575003	085 75003	74 3102 01
TBROC Victoria Eastern Workstation <i>Between Battersea Pier Jn (Eastern lines) and Victoria, platforms 1-8)</i>	TVS	0330 8575006	085 75006	74 3107 01
TBROC Clapham Workstation <i>(Between Wandsworth Common and Battersea Park and between Latchmere Jn and North Pole Jn.)</i>	TVC	0330 8575004	085 75004	74 3103 01
TBROC Balham Workstation <i>(Between Wandsworth Common and Balham Jn and between Streatham Hill station and Balham station)</i>	TVC	0330 8575005	085 75005	74 3104 01

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

Three Bridges Area Signalling Centre (TBASC)	T			
Shift Signaller Manager Desk 1	T	01293 621384	00 61759	74 3289 01
Shift Signaller Manager Desk 2	T	01293 621385	00 61758	74 3289 01
Panel 1a <i>(Norwood Junction to Norwood Fork Junction)</i>	T	01293 621374	00 61751	74 3280 01
Panel 1b <i>(Windmill Bridge Junction/Cottage Junction to South Croydon South Croydon to Upper Warlingham)</i>	T	01293 621375	00 61760	74 3281 01
Panel 1c <i>(Thornton Heath to Selhurst. Norwood Fork Junction (excl) to West Croydon)</i>	T	01293 621376	00 21002	74 2102 01
Panel 2 <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
Panel 3 <i>(Quarry Tunnel/Merstham Tunnel (incl) to Salfords (incl). Redhill to Godstone)</i>	T	01293 621378	00 61753	74 3284 01
Panel 4 <i>(Horley (incl) to Balcombe Tunnel Jn (incl) and Three Bridges to Crawley)</i>	T	01293 621379	00 61754	74 3285 01
Panel 5 <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
Panel 6 <i>(Patcham Tunnel (excl) to Brighton/Hove). Brighton to Falmer</i>	T	01293 621381	00 61756	74 3287 01
Panel 7 <i>Horsham station area (Billingshurst (exclusive) and Three Bridges (exclusive))</i>	T		00 61778 00 61772	74 3288 01
Panel 7a	T	01293 621382		
Panel 7b	T	01293 621383		
Tonbridge	PE	01233 617606	00 77606	74 2200 01
Victoria Area Signalling Centre (VASC)				
Victoria (SE) Signaller Shift Manager <i>(Battersea Park to Victoria, platforms 9-19)</i>	VS	020 7228 5370	00 25127	74 3101 01
Panel 3 <i>(Between Birkbeck, Bromley Jn and Streatham Hill via Crystal Palace)</i>	VC	020 7904 0103	08553303	74 3105 01
Panel 7 <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	020 7904 0107	08553307	74 3109 01
Panel 8 <i>(Between Ravensbourne and Loughborough Jn via Nunhead (Catford Loop) Between Shepherds Lane Jn and Peckham Rye on the Atlantic Lines)</i>	VS	020 7904 0108	08553308	74 3110 01
Panel 9 <i>(Between Beckenham Jn and Herne Hill via main line)</i>	VS	020 7904 0109	08553309	74 3111 01
Panel 10 <i>(Between Bat and Ball/Kemsing and Swanley via Otford. Between Longfield and Ravensbourne via Swanley, Bickley / Bromley South)and Shortlands</i>	VS	020 7904 0110	00 25110	74 3112 01/ 74 3113 01
Panel 10A			08553310	
Panel 10B			08553312	
Wateringbury	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
Westbury - 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-	W	01373 826518	07 47212/3 07 47214 / 5	
Wimbledon , Signaller Shift Manager W'loo pl. 1-14 & Main line - Clapham Junction W'loo pl. 15-24 & 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	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	
Panel 2 (Waterloo International to Clapham Jn.)	W	020 8545 5522	00 62522 00 62212	
Woking -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	WK	01483 714898	00 69410 00 69420	74 4108 01 74 4109 01
Woking Panel 3 Ash Vale to Alton Aldershot South Junction (excl) Ash Vale to Frimley		01483 749469	00 69469	74 4121 01
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

SIGNAL BOX/PANEL - WESTERN	SIGNAL PREFIX	GSM-R CONTACT NUMBER
Thames Valley SC Shift Signalling Manager	-	74 5100 01
Thames Valley SC Paddington workstation GSM-R coverage area: Paddington to Acton West Jn (excl), Old Oak Common West to Park Royal Jn	SN	74 6100 01
Thames Valley SC Acton workstation 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
Thames Valley SC Hayes workstation GSM-R coverage area: Southall West Jn to Stockley Bridge Jn, Heathrow Branch to Terminals 4 & 5	SN	74 6106 01
Thames Valley SC Twyford workstation GSM-R coverage area: Reading Platforms 4, 5 & 6, Ruscombe to Kennet Loop, Twyford to Henley	TR DM UM	74 5105 01
Thames Valley SC Reading Station workstation GSM-R coverage area: Reading New Jn to Reading West Jn (excl) except Reading Platforms 4, 5 & 6	TR	74 5111 01
Thames Valley SC West Junction workstation 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
Thames Valley SC Newbury workstation GSM-R coverage area: Oxford Road Jn to Lavington	TR	74 5110 01
Thames Valley SC Didcot workstation 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

ELECTRICAL CONTROL ROOM	GSM-R CONTACT NUMBER
ECO Brighton	74 4030 03
ECO Eastleigh	74 4042 03
ECO Lewisham	74 4021 03
ECO Paddock Wood	74 4022 03
ECO Raynes Park	74 4040 03
ECO Selhurst	74 4041 03

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

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

GSM-R – ROUTE CONTROL CONTACT NUMBERS – WESSEX

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

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

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

Miscellaneous Instructions - Continued
NETWORK RAIL ELECTRICAL CONTROL ROOMS

CONTROL ROOM	EMERGENCY LINE	INTERNAL NUMBER	EXTERNAL NUMBER	MOBILE (in emergency)
BRIGHTON	171	00 61284	01273 820050	07771 672803
CANTERBURY	175	00 74850	01227 765977	07771 612364
EASTLEIGH	173	075 7547 075 7472	02380 613314	07771 830393
LEWISHAM	177	00-28400	020 8694 4400	07771 612930
PADDOCK WOOD	172	00 74700	01892 833018	07771 830372
RAYNES PARK	178	00-62900 00-62901	020 8946 0771	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

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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
SW100 Waterloo to Clapham Junction	
Queenstown Road (Battersea)	CTLP - WX-CTL-QTRD - 2m, 38ch
SW105 Clapham Junction to Weymouth	
Brockenhurst Country End	WX-CTL-BHCE – 93m 30ch
Bournemouth	CTLP - WX-CTL-BOLE - 107m, 55ch
Bournemouth Country End	WX-CTL-BOCE-166 – 108m 49ch
Branksome	CTLP - WX-CTL-BOCE - 108m, 60ch
Poole Station London End	WX-CTL-PSLE, BML2 – 113m 40ch
Poole Station Country End	CTL-WX-CTL-PSCE STERTE RD – 114m 24ch
Hamworthy Junction to Poole	CTLP - WX-CTL-PSCE - 114m, 40ch
Hamworthy to Holton Heath	WX-CT-RVLE – 116m 61ch
Hamworth to Holton Heath	WX-CTL-RVCE – 116m 79ch
Holton Heath to Wareham	CTLP - 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
SW110 Woking Junction to Portsmouth Harbour	
Woking Junction to Portsmouth Harbour	WX-CTL-HSLE, WPH2 – 37m 34ch
Portcreek Junction	CTLP - WX-CTL-PCBL - 90m, 76ch
SW120 Pirbright Junction To Alton	
Pirbright Junction to Ash Vale	WX-CLT-PBSS, PAA1 – 29m, 60ch
Pirbright Junction to Alton	WX-CTT-AVAS, PAA1 – 32M, 30ch
SW260 Ascot to Ash Vale Junction	
Frimley TP Hut	WX-CTL-FTPH – AAV 37m 10ch
Ascot to Ash Vale Junction	WX-CTT-AVJN, AAV – 40M, 57ch
SW170 Westbury to Wilton Junction	
Wilton North	WX-CTL-WILTN - SAL 131m 53ch
SW220 Latchmere Junction to Kensington Olympia	
Sheepcote Lane	WX-CTL-SHCT - SCC 3m 35ch
SW205 Leatherhead to Effingham Junction	
Effingham Substation	WX-CTL-EJSS – LEJ 22m 09ch

Kent / Sussex Route GI - Dated: 06/01/2024

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.

<u>Routes and Locations on which Crossing The Line Procedure can be used</u> <u>(Subject to conditions as stated in Preamble)</u>	<u>Remarks</u> <u>And unique reference number</u>
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

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW1

SW120 Pirbright Jn To Alton	
Pirbright Jn to Alton	Aldershot station limits
Down Alton - c/o WK2261 points - WK429	WK441 - WK443 (Farnham Level Crossing)
Down Alton - WK433 - WK441	
Down Alton - WK443 - WK457	
	Alton station limits
Up Alton - WK454 / WK456 - WK438	WK438 / WK436 - WK432 (Farnham Level Crossing) A pre-installed, remote controlled T-COD e.g ZKL, is authorised on DZJ track circuit only.
Up Alton - WK432 - WK428	WK428 - WK420
Up Alton - WK420 - WK954	c
Aldershot South Jn to Aldershot North Jn	
Down Ash Branch - WK421 - WK2311 points	
Up Ash Branch - c/o WK2310 points - GD960	
SW125 Southcote Junction to Basingstoke	
Basingstoke - Reading	Bramley Level Crossing
Up Reading - BE549 - BE528	Up – BE528 – BE522
Up Reading - BE522 - BE502	
Dn Reading - BE501 - BE525	Dn – BE525 – BE531
Dn Reading - BE531 - BE547	
SW130 Eastleigh to Romsey	
Dn Salisbury - c/o 442 points - E97	
Up Salisbury - c/o 427 points - c/o 437 dia	Salisbury Single - 427 points - 585 points
SW135 Eastleigh to Fareham	
Portsmouth Single / Down Portsmouth - c/o 464 points - E829	Portsmouth Single - 480a points - 597b points
Up Portsmouth / Portsmouth single - E828 - E83	Dn Portsmouth - E829 - 480b points
	Up Portsmouth - 480a points - E828
SW140 St Denys to Portcreek Junction	
	Fareham Bay platform
Dn Netley - c/o Adelaide Level Crossing - E811	Dn Portsmouth - E825 - Portcreek Junction (inclusive)
Up Netley - c/o 594 points - E800	Portcreek Junction - E810 inclusive
SW145 Northam Junction to Canute Road	
Nil	Northam Jn - Eastern docks (inclusive)
SW150 Redbridge to Salisbury Tunnel Junction	
Up Dean - SY40 to SY6	Up Dean - SY6 - c/o Kimbridge level crossing
Dn Dean - c/o Dean level crossing - SY37	Dn Dean - E885 - Dean level crossing (inclusive)
Dn Test Valley - c/o 567 dia - E867	Romsey Station Limits
Up Salisbury c/o Kimbridge level crossing - E888	Down Salisbury - E881-E883
Up Test Valley / Up Salisbury - E884 - E882 / E862	
SW155 Totton to Fawley (Goods Line)	
Nil	Totton West Junction - Fawley (inclusive)
SW160 Brockenhurst to Lymington Pier	
Nil	BH17 - Buffer Stops at Lymington Pier
SW170 Westbury to Wilton Junction	
	Quidhampton sidings (inclusive)
Dn Warminster/Up Main - SY60 to SY54	Dn Warminster - SY72 - c/o Wylve level crossing (inclusive)
Dn Main/Up Warminster - SY55 to SY61	Up Warminster - SY61 - c/o Upton Lovell level crossing (inclusive)

SW175 Castle Cary to Dorchester Junction	
Dorchester West	
Up Branch - DR182 - 555B points	Single - 555A points Dorchester West - 26 points Yeovil Pen Mill
Down Branch - 555A points - DR179	
Yeovil Pen Mill	
26 points - YPM4	Dn/Up Single - YMP4 / YMP6 - W147 Castle Cary
44B points - YPM59	
SW180 Raynes Park to Horsham	
Raynes Park - Motspur Park	
Down Epsom - c/o 804 points - W403	Dn - W403 to West Barnes level crossing (inclusive)
c/o West Barnes level crossing - W407	Dn - W407 to Motspur Park level crossing (inclusive)
c/o Motspur Park level crossing - W445	
Dn Portsmouth - W471 - W475	Dn Portsmouth W475 to Ashtead Level Crossing (Inclusive)
Dn Portsmouth - W451 - 841b pints	
c/o Ashtead Level Crossing - CA184	
Up Portsmouth - W498 - W474	Up Portsmouth - W474 to Ashtead Level Crossing (inclusive)
Up Portsmouth - W464 - W454	
c/o Ashtead Level Crossing - W468	
Up Epsom - W466 - W408	Up W408 to Motspur Park level crossing (inclusive)
Up Epsom - c/o Motspur Park level crossing - W402	Up W402 to West Barnes level crossing (inclusive)
Up Epsom - c/o West Barnes Level Crossing - W190	
SW185 Motspur Park to Chessington South	
Dn Chessington - c/o 830 dia - W417	Chessington South Station
*IF TCOD IS USED IN TOLWORTH STATION, GR RELEASE MUST NOT BE GIVEN WHILST TCOD IS IN USE	Up Sidings
Up Chessington - 835a points - W410	Coal/Stone Depot
SW190 New Malden to Shepperton	
Dn Kingston - c/o 811 points - W237	Dn - W237 to Malden level crossing (inclusive)
	W212 to Malden level crossing (inclusive)
	Up – Shepperton Buffer Stops to Malden level crossing (inclusive)
	Up – Fullwell Junction to Strawberry Hill (inclusive)
	Dn – Strawberry Hill to Fulwell Junction (inclusive)
SW195 Hampton Court Junction to Hampton Court	
Hampton Court Jn to Hampton Court	
	Dn - WK531 to Hampton Court level crossing (inclusive)
Down Hampton Court - WK2101 points - WK531	Dn - c/o Hampton Court Level Crossing - buffer stops
Up Hampton Court - WK522 - WK520	Up - WK524 and WK538 to Hampton Court level crossing (inclusive)
SW200 Hampton Court Junction to Guildford (via Cobaham)	
	Up GD748 / GD750 /GD754 - GD744
Up GD744 - GD728	Effingham Station limits
Up - GD722 - WK712	WK712 - Cooks level crossing (inclusive)
Up - c/o Cooks level crossing - WK702	
Dn c/o2117 points - WK709	WK709 - Cooks level crossing (inclusive)
Dn - c/o Cooks level crossing - GD721	Effingham station limits

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Dn - c/o 3152 points - GD745	Dn GD745 - GD763 / GD767
SW205 Leatherhead To Effingham Junction	
Leatherhead to Effingham Jn	NIL
SW210 Clapham Junction to Reading	
Barnes to North Sheen	
Bracknell to Earley	
Dn Windsor Slow - W307 - W523	Dn Richmond - W523 W525 W527 W529 to North Sheen level crossing (inclusive)
Dn Windsor Fast - W309 - W525	
Up Windsor Slow - 2583 points - W312	
Up Windsor Fast - W520 - W310	Up Richmond - W532 to W518 / W520
Richmond to Bracknell	Down Twickenham – BEF2103 to BEF2253 (inclusive) Up Twickenham – BEF2252 to W532 (inclusive)
Richmond to Whitten Junction - Nil	Up – BEF2144 to W532 (inclusive) Dn – BEF2103 to F167 (inclusive)
Egham to Earley	
Dn Main - F167 - F259	Dn - F259 to F291
Dn Main - F291 - F315	Dn - F315 to Sunningdale level crossing (inclusive)
Dn Main - F321 - WM501	Dn - WM501 to Wokingham level crossing (inclusive)
Dn Main - WM507 - WM12	
Up Main - WM38 - WM31	Up - WM31 to Wokingham level crossing (inclusive)
	Up - WM506 to F352
Up Main - F352 - F316	Up - F316 to Sunningdale level crossing (inclusive)
Up Main - F314 - F306	Up - F306 / F294 to F258
SW225 Point Pleasant Junction to Wimbledon	
Point Pleasant Jn to Wimbledon	East Putney to Wimbledon
	Up Putney - W382 / W380 / W378/ W376 to W356
	Dn Putney - W3590 / W351 to buffer stops Wimbledon (LUL)
SW230 Barnes to Feltham Junction (via Hounslow)	
Barnes to Chiswick	
Dn Hounslow - c/o Vine Road Barnes Level Crossing - F121	Dn - W523 W525 to Barnes (Hounslow line) level crossing (inclusive)
Up Hounslow - c/o Grove Park Level Crossing - W550	Up - W550 to Barnes (Hounslow line) level crossing (inclusive)
Chiswick to Feltham Junction / Whitton Junction	Dn – BEF2333 to BEF2391/BEF2387 Up – BEF2390/BEF2386 to BEF2334
Chiswick / Syon Lane / Isleworth / Whitton Junction / Whitton Junction	
Dn Hounslow - c/o Vine Road Barnes level crossing - F121	Dn - F121 to Grove Park level crossing (inclusive)
Dn Hounslow - c/o Grove Park level crossing - F141	Dn - F141 to Wood Lane level crossing (inclusive)
Dn Hounslow - c/o Wood Lane level crossing - F173 / F168	
Up Hounslow - F174 / F160 - F142	Up - F142 to Wood Lane level crossing (inclusive)
Up Hounslow - c/o Wood Lane level crossing - F122	Up - F122 to Grove Park level crossing (inclusive)
Up Hounslow - c/o Grove Park level crossing - W550	
SW240 Kew East Junction to Old Kew Junction	
Kew East Jn. to Old Kew Jn.	NIL
Kew East Jn. to New Kew Jn.	NIL

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SW245 Twickenham to Shacklegate Junction	
Strawberry Hill	Up – BEF2470 BEF2468 BEF2512 to BEF2124 BEF2126 (inclusive)
	Dn – BEF2125 BEF2127 BEF2129 to BEF2465 (inclusive)
Strawberry Hill to Fulwell Jn	Up – Fulwell Junction to Strawberry Hill (inclusive)
	Dn – Strawberry Hill to Fulwell Junction (inclusive)
SW250 Staines To Windsor And Eton Riverside	
Staines to Windsor & Eton Riverside	Down Windsor – BEF2195 to Buffer Stops Platform 2 Up Windsor – Buffer Stops Platform 1 to BEF2186
Dn Windsor - F271 - F275	F275 - Mays CCTV level crossing (inclusive)
c/o Mays CCTV level crossing - Buffer Stops	
Up Windsor - F286 - F276	F276 - Datchet CCTV level crossing (inclusive)
c/o Datchet CCTV level crossing - F270	
SW255 Viginia Water to Weybridge	
Dn Chertsey - c/o 722 points - F301	Dn - F301 to Chertsey level crossing (inclusive)
Dn Chertsey - c/o Chertsey level crossing - WK905	Dn - WK905 to Addlestone level crossing (inclusive)
Dn Chertsey - c/o Addlestone level crossing - WK901 - Addlestone Jn / Byfleet Jn	
Byfleet Jn / Addlestone Jn - WK906	Up - WK906 to Addlestone level crossing (inclusive)
Up Chertsey - c/o Addlestone level crossing - F302	Up - F302 to Chertsey level crossing (inclusive)
Up Chertsey - c/o Chertsey level crossing - F294	
Virginia Water to Chertsey	Down Chertsey – C/O BEF4361 points – BEF2717
Addlestone level crossing to Virginia Water	Addlestone level crossing to BEF4364 points (inclusive)
SW260 Ascot to Ash Vale Junction	
Dn Frimley - F331 / F329 - F339	Dn - F339 to Camberley level crossing (inclusive)
Dn Frimley/Ash Vale Single - c/o Camberley level crossing - WK415	
Ash Vale Single/Up Frimley - 2307 points - F340	Up - F340 to Camberley level crossing (inclusive)
Ascot to Ash Vale Junction	Dn Frimley/Ash Vale Single – BEF2243 to WK2307 points Ash Vale Single – Up Frimley – WK2306 points to BEF4375 diamonds
Up Frimely - c/o Camberley level crossing - 735 dia	
SW265 Guildford To Wokingham	
Aldershot South Junction - Guildford	
Up - GD962 - GD954	Up GD954 - GD1331 (CAL,CAM T/C)
Up - GD958 - GD936	
Dn - GD939 - GD951	Dn GD951 - Ash station (CHH,CHM T/C)
Dn - GD957 - GD963/WK421	
Wokingham Junction - Aldershot South Junction	
Up Blackwater - c/o 17 dia - GD964	Up GD964 - GD962 (North Camp) Farnborough North WM530 - GD966 (CAA,CAB T/C)
Up Blackwater c/o North Camp level crossing - GD958	
Dn Blackwater - c/o 3161 dia - GD963	Dn GD963 - GD967 (North Camp) Farnborough North GD967 - WM531R (CHT, CHW, CHX T/C) A pre-installed, remote controlled T-COD e.g ZKL, is authorised on CHW tract circuit only.
Dn Blackwater - GD967 - WM4	
SW300 Gomshall to Shalford Junction	
Up Redhill - GD3140 points - GD912	GD912 - GD908
Dn Redhill - GD911 - 3141 dia	GD903 - GD911 A pre-installed, remote controlled T-COD eg, ZKL is authorised on EN track circuit only.

Wessex Route GI – Dated: 06/01/2024

Rule Book Module T10 – Duties of a designated person (DP) and people working on rail vehicles

Section 4 – General duties of a DP

Working on a train on a running line including at a station platform

Red flashing light/flag units are provided at a number of locations for use of train operator staff working on trains in terminal platform lines only.

A second red flashing light/flag unit will be exhibited in the following circumstances:

5. When length of the train/platform curvature, etc requires the additional unit to be positioned towards the centre of the train, or
6. When the work/examination involves train operator staff going underneath the train, unless this is a coach upon which a unit is already exhibited.

The Rule Book, Module T10, Section 4.3 is modified accordingly.

South East (Kent/Sussex/Wessex) Territory GI – Dated: 19/03/11

Rule Book Module TS1 - General signalling regulations

Section 13, Clause 13.1 - Personnel asking for trains to be stopped

These Instructions modify and prescribe the actions to be taken by the controlling signaller within the modular rule book General Signalling Regulations TS1 13.1 (Personnel asking for trains to be stopped), when a member of station staff or Network Rail Employee makes a request to recover an item dropped on the track (using non-conductive litter pickers or other suitable equipment) **whilst remaining on the station platform**.

When a person makes a request to recover an item from the track whilst remaining on the platform the signaller must:

7. Confirm with the person who has requested to recover the item the exact location and from which line the item is to be recovered from;
8. Confirm that the person will recover the item **whilst remaining on the station platform**;
9. Record details on the Line Blockage Form (NR3180) of the line to be blocked, the protecting signal(s) and the role and employer of the person making the request to recover the item; If the controlling signal is controlled by another signaller, confirmation must be obtained by the signaller receiving the request that the protecting signal is confirmed to be at red and protection afforded by that signaller.
10. Arrange for the line from which the item is to be recovered from ONLY to be blocked, affording reminder appliances for the line blockage as necessary;
11. Confirm with the person who has requested to recover the item that the line will stay blocked until they inform you that the item has been recovered and they are in a place of safety away from the platform edge;
12. Remind the person about adjacent lines that remain open for normal working and where applicable that the traction current remains live.
13. Give the person an authority number
14. Give that person permission for the activity to start and recover the item.

When the person has recovered the item confirms that the item has been recovered and they are in a place of safety away from the platform edge, the signaller must:

1. Record this on the line blockage form;
2. The person who asked for the line to be blocked will tell you their authority number
3. Withdraw the signal protection / reminder appliances and return to normal working.

If a person makes a request to recover an item by **going onto the track**, the requirements of rule book modules TS1 (13) Section 13.1 and SS1 (2) must continue to be fully applied.

Wessex Route GI - Dated: 27/11/2021

Rule Book Module TS1 – General Signalling Regulations

Section 13, Clause 13.2 – IWA, COSS/SWL or PC blocking a line

Wessex Route

Routes and Locations on which TCOD can be used	Remarks (including any location specific restrictions in addition to the general restrictions shown in the Rule Book)
SW300 Gomshall to Shalford Junction	
Up Redhill - GD3140 points - GD912	GD912 - GD908
Dn Redhill - GD911 - 3141 dia	GD903 - GD911 _ A pre-installed , remote controlled T-COD , e.g. ZKL is authorised on EN track circuit only

Wessex Route GI - Dated: 18/11/2023

Section 13,2,4 - TCOD

Handbook 8 – IWA, COSS or PC blocking a line

Section 2, Clause 2.4 – Using a track circuit operating device

Amend The General Instruction as below

SW120 Pirbright Jn To Alton	
Up Alton - WK454 / WK456 - WK438	WK438 / WK436 - WK432 (Farnham Level Crossing) A pre-installed , remote controlled T-COD e.g. ZKL , is authorised on DZJ track circuit only.
SW265 Guildford To Wokingham	
Dn Blackwater - c/o 3161 dia - GD963	Dn GD963 - GD967 (North Camp) Farnborough North GD967 - WM531R (CHT, CHW,CHX T/C) A pre-installed , remote controlled T-COD e.g. ZKL , is authorised on CHW track circuit only

Rule Book Module TW1 - Preparation and movement of trains : General

Section 2 - Classification and speed of trains

Speed of freight trains

Class 6, 7 and 8 freight trains (excluding MPV (Multi-Purpose Vehicle) OTM (On Track Machine) parcels trains and those listed in note (b) below)

These trains are limited to the maximum speeds shown below, subject to any lower limit imposed by the Rule Book Module TW3, Section 2 'Speed restrictions' or specified for individual vehicles or local permanent and temporary speed restrictions:-

<u>Maximum permissible speed of line as shown in Table A diagrams</u>	<u>Maximum permissible speed of Class 6, 7 and 8 freight trains (excluding MPV's, OTM's & parcels trains)</u>
90	60
85	55
80	50
75	50
70	45
65	40
60	40
55	35
50	30
45	30
40	25
35	20
30	30

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EXCEPTIONALLY POOR RAIL ADHESION**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)**

Location	Line(s) Affected	Mileage (Between)
Beckenham Hill to Shortlands	Down and Up Catford Loop	10m 14ch to 10m 60ch

Dated: 11/11/2023**SO300 (LEWISHAM TO CRAYFORD CREEK JN (VIA BEXLEYHEATH))**

Location	Line(s) Affected	Mileage (Between)
Eltham - Welling	Both	10m 08ch to 10m 52ch

Dated: 11/11/2023**SO310 HITHER GREEN TO MAIDSTONE WEST (VIA DARTFORD)**

Location	Line(s) Affected	Mileage (Between)
Lee - Mottingham	Down and Up Dartford Loop	8m 52ch to 9m 33ch
Crayford to Crayford Spur "B" JN	Down and Up Dartford Loop	16m 11ch to 16m 53ch
Greenhithe to Gravesend	Down and Up Main	20 m 69ch to 23m 75ch

Dated: 11/11/2023**SO330 (NUNHEAD TO HAYES)**

Location	Line(s) Affected	Mileage (Between)
West Wickham	Down	12 m 60 ch to 13 m 20 ch
West Wickham	Up	13 m 60 ch to 13 m 20 ch
Ladywell to Catford Bridge	Both	07 m 00 ch to
Eden Park to West Wickham	Both	13 m 13 ch to 13 m 15 ch
Hayes	Both	14 m 32 ch to
Ladywell to Catford Bridge	Down and Up Mid Kent	6 m 69 ch to 7 m 35 ch
West Wickham to Hayes	Down and Up Mid Kent	13 m 13 ch to 14 m 34 ch
Ladywell to Catford Bridge	Down and Up Mid Kent	6 m 69 ch to 7 m 35 ch
West Wickham to Hayes	Down and Up Mid Kent	13 m 14 ch to 14 m 34 ch

Dated: 11/11/2023**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 to 32 m 45 ch

Dated: 09/10/22

SO560 REDHILL TO GUILDFORD

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

Dated: 09/10/22

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 to 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
SO110	003	Victoria to Ramsgate (via Herne Hill and Chatham)	VIR BSF FLL1	Kent / Sussex	02/01/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(BATTERSEA PARK)		(7 27)			<p>TCB RA8</p> <p>Victoria SB (VS) DC: Lewisham</p> <p>GSM-R</p> <p>A.W.S not provided for emergency and temporary speed restrictions.</p> <p>① Not permissible</p> <p>SX = SUSSEX KT = KENT</p> <p>1 Up Stewarts Lane 2 Down Stewarts Lane 3 Chatham Reversible 4 Up Chatham Main 5 Down Chatham Main 6 Down Ludgate 7 Up Ludgate 8 Up Atlantic 9 Down Atlantic</p>
(Stewarts Lane Jn)		(1 27)			
(Longhedge Jn)		(0 39)			
Route Boundary		(0 03) *			
Factory Jn		1 16 *			
		(6 58)			
		(0 00)			
		(6 61) *			
Wandsworth Road Jn		(6 58) *			
WANDSWORTH ROAD		1 75 (6 52)			
Voltaire Road Jn		2 15 (6 39)			
Voltaire Road TP Hut		2 10			

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO140	004	Swanley to Ashford	SBJ	Kent / Sussex	19/03/2016
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
					GSM-R TCB RA8 Maidstone East SB (ME) DC: Paddock Wood
		30 65 *			
		31 13 *			
Wrotham Heath Substation		31 37			
		32 75 *			
Church Road Substation		33 07			
		33 40 *			
West Malling Substation		34 55			
WEST MALLING		34 61			
		35 64			
EAST MALLING		35 72 *			
Ditton Substation		36 29			
					Horn Code - Down trains 1S when leaving platform. 1 Up Maidstone 2 Down Maidstone

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated		
SO140	005	Swanley to Ashford	SBJ	Kent / Sussex	25/11/2023		
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks		
BARMING		36 65 *			TCB RA8	Maidstone East SB (ME) DC: Paddock Wood	GSM-R
		37 43					
Barming Substation		38 00 *					
		38 05					
		39 25 *					
Maidstone Substation		39 55 *					
		39 59 *					
Maidstone East SB (ME)		39 72					
MAIDSTONE EAST		39 76					
					Platform 3 PP-A (Attaching only possible through Shunting)		
			1 Up Maidstone 2 Down Maidstone				

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO160	003	Faversham to Dover Priory	FDM	Kent / Sussex	19/03/2016
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Little Barton TP Hut		62 67 * 62 76 * 62 79			GSM-R TCB East Kent Signalling Centre (EK) RA8 DC: Canterbury Axle counter area
BEKESBOURNE		64 58			
Bekesbourne Substation		64 63			
Brambling TP Hut		66 39			
ADISHAM		67 60			
Adisham Substation		68 16			
AYLESHAM		68 66			
		69 40 *			
SNOWDOWN		69 60			
Snowdown TP Hut		69 67			1 Up Chatham 2 Down Chatham

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO160	004	Faversham to Dover Priory	FDM	Kent / Sussex	11/11/2023
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
			<p>TCB East Kent Signalling Centre (EK) RA8 DC: Canterbury</p> <p>GSM-R </p> <p>Axle counter area</p> <p>Siding length 12 SLU's Short term NC expires 01/11/25</p> <p>1 Up Chatham 2 Down Chatham</p>		
	70 20 *				
Shepherds Well Substation	71 47				
SHEPHERDS WELL	71 60				
Lydden Tunnel (1m 609 yards)	71 66				
	73 15 *				

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO220	001	Ashford to Ramsgate (via Canterbury West)	ACR	Kent / Sussex	02/02/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
			<p>MAXIMUM PERMISSIBLE SPEED BETWEEN ASHFORD AND RAMSGATE - 70 MPH</p> <p>To/From Ashford SO130 seq 027</p> <p>Depot HITACHI</p>		<p>GSM-R</p> <p>TCB Ashford IECC (AD) RA8 DC:Paddock Wood</p> <p>Southern Region Two-Thirds Rule does not apply between Ashford and Canterbury West.</p> <p>Cant/Wye (CWACC) (EBT) DC:Canterbury</p> <p>1 Chord Line 2 Up Branch 3 Down Branch 4 Up Canterbury 5 Down Canterbury</p>
		56 76 *			
		Hitachi Depot (Access) 57 07 *			
		Kennington TP Hut 57 48 *			
		Wilmington Farm Crossing 58 13			
		Spring Grove Crossing 59 20			
		Wye Substation 59 47			
		Haruille Farm Crossing 59 66			
		Wye LC (CCTV) 60 06			
		WYE 60 28			
		60 32			
		Sparrows Bridge UWC 60 74			
		Bilting TP Hut 61 32			
		Bilting Grange Crossing 61 38			
		Bilting Crossing (R/G-X) 61 64			
		Buckwell Crossing 61 70			
		Godmersham Substation 63 06			
		63 40 *			
		Chilham TP Hut 64 59			
		64 75 *			
		Chilham Mill LC (CCTV) 64 76			
		CHILHAM 65 09			
		65 15 *			
		Chilham Road LC (CCTV) 65 40			

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
SO220	002	Ashford to Ramsgate (via Canterbury West)	ACR	Kent / Sussex	12/06/2023	
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks			
Shalmsford Street UWC	66 17 *		TCB Cant/Wye (CWACC) (EBT) RA8 DC:Canterbury	GSM-R		
Chartham South Substation	66 32					
Deanery Crossing	66 60		T			
Dibley's FP (R/G - X)	66 65 *					
Chartham LC (CCTV)	66 79					
	67 10					
CHARTHAM	67 14					
	67 18 *					
	67 23 *					
Horton UWC	67 47					
Milton TP Hut	67 69					
Tonford FPW (R/G-X)	68 61		T			
	69 13 *					
Whitehall LC (R/G)	69 30					
	69 43 *					
Canterbury Substation	69 44					
St Dunstans LC (CCTV)	70 15 *					
CANTERBURY WEST	70 27		T			
	70 30 *					
Canterbury/Wye ACC (CWACC) (EBT)	70 36 *					
Canterbury West Signal Box (EDH)	70 37					
St Stephens LC (CCTV)	70 56					
Canterbury West TP Hut	71 05					
			Canterbury West SB (EDH)			
			DL 76			
			1 Up Main 2 Down Main			

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated					
SO290	007	North Kent East Jn to Dartford Jn (via Greenwich)	NKL	Kent / Sussex	30/10/2021					
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks					
Plumstead Portal CCOS		10 53			<table border="1"> <tr> <td>TCB</td> <td>Ashford IECC (NK)</td> <td rowspan="2"></td> </tr> <tr> <td>RA8</td> <td>DC:Lewisham</td> </tr> </table> <p>UNK = Up North Kent DNK = Up North Kent</p>	TCB	Ashford IECC (NK)		RA8	DC:Lewisham
TCB	Ashford IECC (NK)									
RA8	DC:Lewisham									
Plumstead Sidings Crossover CCOS		10 67			<p>CCOS - Crossrail Central Operating Section lines, Operating details CCOS only : -</p> <table border="1"> <tr> <td>Communications Based Train Control (CBTC)</td> <td>Rail for London Infrastructure RCC (XR)</td> </tr> <tr> <td>RA3</td> <td>AC: ECO RFLI RCC</td> </tr> </table> <p>All CCOS lines use COS Rule Book & ELR = XRS Axle Counter area. HS - CRL Head Shunt SA - CRL Sidings Access Road EB - CRL Eastbound, WB - CRL Westbound</p>	Communications Based Train Control (CBTC)	Rail for London Infrastructure RCC (XR)	RA3	AC: ECO RFLI RCC	
Communications Based Train Control (CBTC)	Rail for London Infrastructure RCC (XR)									
RA3	AC: ECO RFLI RCC									
ABBEY WOOD		11 43								

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated									
SO290	008	North Kent East Jn to Dartford Jn (via Greenwich)	NKL	Kent / Sussex	23/12/2023									
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks									
					<table border="1"> <tr> <td>TCB</td> <td>Ashford IECC (NK)</td> <td rowspan="2"> </td> </tr> <tr> <td>RA8</td> <td>DC:Lewisham</td> </tr> </table> <p>UNK = Up North Kent DNK = Up North Kent</p> <p>CCOS - Crossrail Central Operating Section lines, All CCOS lines ELR = XRS Axle Counter area. EB - CRL Eastbound, WB - CRL Westbound BB - CRL Bolthole Berth ER - CRL Engineering Road Operating details CCOS only: -</p> <table border="1"> <tr> <td>Communications Based Train Control (CBTC)</td> <td>Rail for London Infrastructure RCC (XR)</td> </tr> <tr> <td>RA3</td> <td>AC: ECO RFLI RCC</td> </tr> </table> <p>\$ - Railway Group Standard Rule Book boundary: - COS Rule Book / GE/RT8000.</p>	TCB	Ashford IECC (NK)		RA8	DC:Lewisham	Communications Based Train Control (CBTC)	Rail for London Infrastructure RCC (XR)	RA3	AC: ECO RFLI RCC
TCB	Ashford IECC (NK)													
RA8	DC:Lewisham													
Communications Based Train Control (CBTC)	Rail for London Infrastructure RCC (XR)													
RA3	AC: ECO RFLI RCC													
Route Boundary CCOS / NR ER only (#)		11 50 *												
		11 63												
		12 02												
		12 02 *												
Alsike Road Jn		12 05												
Belvedere Substation		12 70												
BELVEDERE		12 75												
		14 00 *												
Erith TP Hut		14 09												
ERITH		14 18												
		14 44 *												

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO320	001	Hoo Jn to Grain (Goods Line)	HTG	Kent / Sussex	09/12/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Hoo Jn		27 19	<p>MAXIMUM PERMISSIBLE SPEED - 40 MPH</p> <p>To/From Gravesend SO310 seq 8</p> <p>PRIVATE SIDING</p> <p>A15</p> <p>Stoke Creek</p> <p>10mph in Up Direction over Stoke Creek (linespeed Down direction)</p> <p>1</p> <p>2</p> <p>3</p> <p>5</p>		<p>GSM-R</p> <p>RA8</p> <p>Not permissive between Hoo Jn. and signal NK509</p> <p>A.W.S provided at NK prefix signals only.</p>
Cliffe Ground Frame		28 56			
Signal NK509		28 59			
Wybourne LC (AOCL)		32 06 35 63 *			<p>1 BP Sidings 2 Thamesport Freightliner Terminal 3 Foster Yeoman Terminal</p>
Stoke Creek LC		35 64 *			
Recreation LC		35 64 36 20			
Middle Stoke LC		36 26 36 45 *			
		36 77 *			
CHALKWALL FP					
Up 30 MPH Board		37 39 *			
Flood Gates		38 00			
Grain LC		38 22 38 35 *			

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LOR	Seq.	Line of Route Description	ELR			Route	Last Updated		
SO330	001	Nunhead to Hayes	NTL	LVT	BEX	Kent / Sussex	03/01/2023		
Location		Mileage M Ch	Running lines & speed restrictions				Signalling & Remarks		
(Nunhead Jn)		(6 09)	<p>MAXIMUM PERMISSIBLE SPEED - 60 MPH</p>				TCB RA8	Victoria SB (VS) DC: Lewisham:	GSM-R
		6 31 *							
		6 37 *							
(Tanners Hill Jn)		(5 29)							
		7 14 *							
		(5 55) *							
		7 22 *							
		(5 36)							
Lewisham Vale Jn		(5 55) *							
		7 37							
		(5 57)							
(St Johns)		(5 47)							
Lewisham Substation		(5 70)					T		
Lewisham Jn		5 71 *							
		5 75							
		(5 79)	T						
LEWISHAM (Change of Mileage)		7 61							
		6 04							
				<p>1 Up Lewisham 2 Down Lewisham 4 Up North Kent 5 Down North Kent 6 Up Mid Kent 7 Down Mid Kent 8 Down Tanners Hill 9 Up Tanners Hill</p>					
				<p>Three Bridges ROC Lewisham Workstation (TL)</p>					

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO500	003	Victoria to Brighton	VTB1	Kent / Sussex	03/01/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Grosvenor Bridge		0 57 * 0 58			TCB Three Bridges ROC Victoria Central W/S (TVC) RA8 DC: Lewisham GSM-R
to					
Battersea Pier Jn		0 70			
Battersea Pier Sidings staff halt		0 71			
		(0 75) *			
Battersea Pier Sidings					
Battersea Park Jn		1 13			
		(7 35) (7 31) *			
BATTERSEA PARK		1 23			
		(7 27)			
(Factory Jn)		(6 58)			
Queen's Road Substation "B"		1 49	Atlantic lines SO645 seq 1	A.W.S. not provided for emergency and temporary speed restrictions. 1 Up Brighton Fast 2 Down Brighton Fast 3 Up Brighton Slow 4 Down Brighton Slow 5 Up Atlantic 6 Down Atlantic 7 Battersea Reversible	


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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO500	004	Victoria to Brighton	WLL VTB1 BSP2	Kent / Sussex	18/11/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
(Longhedge Jn)		(1 63)			TCB Three Bridges ROC Clapham W/S (TVC) RA8 DC: Lewisham GSM-R
Route Boundary		1 67			
1 79 *					
Poupart Jn		2 04			
2 20					
2 14 *					
(Latchmere No.1 Jn)		2 26 *			
(0 63)					
Clapham Jn Substation		2 47			
Victoria SB (VC & VS)		0 21			
2 53 *					
2 55 *					
CLAPHAM JUNCTION		2 57			
0 10 *					
Falcon Jn		2 66			
0 00					
2 73 *					
2 75 *					
* West London lines controlled from Lewisham electrical control room. DC: Brighton A.W.S. not provided for emergency and temporary speed restrictions.					
1 Up Brighton fast 2 Down Brighton fast 3 Up Brighton slow 4 Down Brighton slow 5 Down Battersea 6 Up Battersea 7 Down West London 8 Up West London					

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO500	005	Victoria to Brighton	VTB1	Kent / Sussex	18/11/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Wandsworth Common Substation		3 78			TCB Three Bridges ROC Balham W/S (TVC) RA8 DC: Brighton
WANDSWORTH COMMON		4 05			
		4 25 *			
		4 27 *			
		4 51 *			
BALHAM		4 52			
		4 73 *			
Balham Jn		4 69			
		(4 74) *			
Balham Substation		4 70 * 4 76 * 5 02 *			To/From Streatham Hill SO650 seq 1
					1 Up Fast 2 Down Fast 3 Up Slow 4 Down Slow 5 Down Crystal Palace 6 Up Crystal Palace

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO500	006	Victoria to Brighton	VTB1 SLJ SNS SSC	Kent / Sussex	18/11/2023
Location	Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Streatham North Jn	5 11 *			TCB Three Bridges ROC Streatham W/S (TVC) RA8 DC: Brighton	
Streatham Substation	(6 27) * (6 28) * 6 35 6 42 * (7 48)			Axle Counter area 	
Streatham South Jn	(6 48)			1 Up Fast 2 Down Fast 3 Up Slow 4 Down Slow 5 Down Slow Spur 6 Up Slow Spur 7 Fast Spur 8 Up Streatham Spur 9 Down Streatham Spur	
STREATHAM COMMON	6 48 8 15			To/From Mitcham Jn SO680 seq 3	
	6 60 * 6 61 *			Axle Counter area 8m 03ch ▲ Three Bridges SB (T)	
NORBURY	7 36			Authorised EWS Class 6 & 7 International Traffic are exempt from the 2/3rds rule between Thornton Heath and Purley Oaks but are subject to a max of 40mph between these locations.	
Thornton Heath TP Hut	8 09				

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO500	007	Victoria to Brighton	VTB1	Kent / Sussex	18/11/2023
Location	Mileage M	Ch	Running lines & speed restrictions		Signalling & Remarks
Belle Vue Substation	8	46 *			TCB RA8 Three Bridges SB (T) DC: Brighton GSM-R
THORNTON HEATH	8	64			
	8	67 *			
	9	22 *			
	9	24 *			
	9	26 *			
SELHURST	9	31	1 Up Fast 2 Down Fast 3 Up Slow 4 Down Slow		

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
SO500	008	Victoria to Brighton	VTB1	Kent / Sussex	18/11/2023	
Location	Mileage M	Ch	Running lines & speed restrictions		Signalling & Remarks	
Selhurst Jn	9	43 *			TCB RA8	
Selhurst Substation "A"	9	48			Three Bridges SB (T) DC: Brighton	
Cottage Jn	(9 48) *	9 64				
(Gloucester Road Jn)	(9 52)	(9 65)				
Windmill Bridge Jn	10 02 *	(9 59)				
	10	07 *			1 Up Fast 2 Down Fast 3 Up Slow 4 Down Slow 5 Fast Reversible 7 Up London Bridge Slow 8 Up London Bridge Fast 9 Down London Bridge Fast 10 Down London Bridge Slow 11 Up Wallington 12 Down Wallington	

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
SO500	009	Victoria to Brighton	VTB2	Kent / Sussex	18/11/2023	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
EAST CROYDON		10 28 *			TCB RA8	
East Croydon Substation		10 28			Three Bridges SB (T) DC: Brighton	
		10 38 *			Permissive working authorised on up slow and slow reversible platform lines both directions. Platforms 2, 3, 4 and 5 platform lines are reversible.	
		10 43			1 Up Fast 2 Down Fast 3 Up Slow 4 Down Slow 5 Fast Reversible 6 Slow Reversible	
		10 55 *				

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO500	010	Victoria to Brighton	VTB2 PAT	Kent / Sussex	18/11/2023
Location	Mileage M	Ch	Running lines & speed restrictions		Signalling & Remarks
SOUTH CROYDON	11	21			TCB RA8 Three Bridges SB (T) DC: Brighton GSM-R
	11	25 *			
	11	28 *			
South Croydon Jn	(11)	29)			
	11	35 *			
	11	37 *			
South Croydon Substation	11	40			
PURLEY OAKS	12	34			
Purley Oaks TP Hut	12	39			
PURLEY	13	29			
	15	13			
	13	32 *			
Purley Substation	13	44	Platform 4 PP-A (attaching only) Platform 5 PP-A Up direction attaching only Both directions detaching Platform 6 PP-A (detaching only) 1 Up Fast 2 Down Fast 3 Up Slow 4 Down Slow 5 Up Caterham 6 Down Caterham 7 Down East Grinstead 8 Up East Grinstead 9 Slow Reversible		

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO510	004	London Bridge to Epsom Downs	LBW ELL1	Kent / Sussex	18/11/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
NEW CROSS GATE		(5 61) *			TCB Three Bridges ROC (TL) London Bridge Central C/E Workstation RA8 DC:Lewisham GSM-R
ELL/Network Rail Boundary		(5 75)	To/From Surrey Quays SO511-005 RfL Infrastructure Boundary Kent Route		PoSA and Emergency Point and Route Release Area to Country end of New Cross Gate Station
		3 05 *			
		3 10 *			
BROCKLEY		3 56			DC: Brighton
Brockley Substation		4 09			
		4 47 *			
HONOR OAK PARK		4 59			

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LOR	Seq.	Line of Route Description	ELR		Route	Last Updated			
SO510	005	London Bridge to Epsom Downs	LBW	SCP	Kent / Sussex	18/11/2023			
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks			
Forest Hill TP Hut		5 40				TCB Three Bridges Rail Operating Centre (TL) RA8 DC: Brighton GSM-R			
FOREST HILL		5 50							
SYDENHAM		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)							
							1 Up Sussex Slow 2 Up Sussex Fast 3 Down Sussex Fast 4 Down Sussex Slow 5 Up Sydenham Spur 6 Down Sydenham Spur		

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO510	006	London Bridge to Epsom Downs	LBW	Kent / Sussex	18/11/2023
Location	Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
PENGE WEST	7 15			GSM-R TCB Three Bridges Rail Operating Centre (TL) RA8 DC: Brighton	
Route Boundary	7 28	KENT ----- SUSSEX			
ANERLEY	7 47			GSM-R TCB Three Bridges SB (T) RA8 DC: Brighton Change of line names – Centre of Anerley Station	
Norwood Jn Substation	8 07			1 Up Sussex Slow 2 Up Sussex Fast 3 Down Sussex Fast 4 Down Sussex Slow 5 Up Slow 6 Up Fast 7 Down Fast 8 Down Slow	

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LOR	Seq.	Line of Route Description	ELR			Route	Last Updated	
SO510	007	London Bridge to Epsom Downs	LBW	BJN1	BJN2	Kent / Sussex	18/11/2023	
Location		Mileage M Ch	Running lines & speed restrictions				Signalling & Remarks	
			<p>To/From Bromley Jn SO650 seq 4</p>				<p>TCB Three Bridges SB (T) RA8 DC: Brighton</p> <p>GSM-R</p>	
(Bromley Up Jn)		(9 32)						
(Bromley Down Jn)		(9 36)						
		(9 48) *						
		(9 72) *						
		(9 75)						
		8 35						
		8 43 *						
		8 54 *					<p>PP-A Platforms - 1-5 (Detaching only)</p>	
NORWOOD JN		8 55						
		8 65 *					<p>(A) - Stop Board - 8m 62ch</p>	
		8 68 *					<p>1 Up Slow 2 Up Fast 3 Down Fast 4 Down Slow 5 Up Crystal Palace Spur 6 Down Crystal Palace Spur 7 Through Road 8 Up London Bridge Slow 9 Up London Bridge Fast 10 Down London Bridge Fast 11 Down Wallington 12 Down London Bridge Slow</p>	
		8 71 *						


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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO510	008	London Bridge to Epsom Downs	LBW NFE	Kent / Sussex	18/11/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Selhurst Depot					TCB RA8 Three Bridges SB (T) DC: Brighton GSM-R
Norwood Down Yard		9 24 *			(B) - Train Stop - 9m 05ch
Norwood Fork Jn		9 33			
Selhurst Substation (Selhurst Jn)		9 37 * (9 46)	To/From Selhurst SO500 seq 008		(A) - Buffer Stop - 9m 39ch
Gloucester Road Jn		9 45	1 15 2 15 To/From Cottage Jn/Windmill Jn SO500 seq 008		
		9 61 *			1 Up Selhurst Spur 2 Down Selhurst Spur 3 Through Road/Goods Road 4 Up Wallington 5 Up London Bridge Slow 6 Up London Bridge Fast 7 Down London Bridge Fast 8 Down Wallington 9 Down London Bridge Slow

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO510	009	London Bridge to Epsom Downs	NFE	Kent / Sussex	18/11/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
WEST CROYDON		10 13 *			TCB RA8 Three Bridges SB (T) DC: Brighton GSM-R
		10 35			PP - Platform 1
		10 49 *			
		10 54 *			
West Croydon TP Hut		10 68 T	1 Up Wallington 2 Down Wallington		

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO510	010	London Bridge to Epsom Downs	NFE	Kent / Sussex	18/11/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
WADDON		11 40			TCB RA8 Three Bridges SB (T) DC: Brighton 
Waddon Substation		12 00			
		12 45 *			
WALLINGTON		13 05			
Wallington TP Hut		13 45			Three Bridges ROC Sutton W/S (TVC) DC: Brighton
CARSHALTON BEECHES		13 72			
					1 Up Wallington 2 Down Wallington

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO510	011	London Bridge to Epsom Downs	NFE BTH2	Kent / Sussex	18/11/2023
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
Sutton Substation	14 30 *		TCB Three Bridges ROC Sutton W/S (TVC) RA8 DC: Brighton 		
	14 60 *		Axle counter area		
	14 65 *				
	14 67				
	14 70 *				
SUTTON	14 75 (12 50)				
	15 02 *				
	15 41 *		1 Up Wallington 2 Down Wallington 3 Up Portsmouth 4 Down Portsmouth 5 Epsom Downs Single		

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated		
SO645	002	Battersea Park to Peckham Rye	ATL	Kent / Sussex	02/01/2024		
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks		
(Longhedge Jn)		(0 39)			TCB RA8	Victoria SB (VC) DC: Lewisham	GSM-R
Factory Jn		(1 68) *			A.W.S not provided for emergency and temporary speed restrictions. ① Not permissive		
Route Boundary		6 63 6 61 *					
Wandsworth Road Jn		6 58 *					
WANDSWORTH ROAD		6 52 (1 75)					
Voltaire Road Jn		6 39 (2 15)					
Voltaire Road TP Hut		(2 10)					

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated			
SO645	003	Battersea Park to Peckham Rye	ATL VIR	Kent / Sussex	02/05/2015			
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks					
CLAPHAM HIGH STREET	6 21 (2 25)	<p>To/From Wandsworth Road SO110 seq 3</p> <p>To/From Herne Hill SO110 seq 5</p> <p>To/From Cambria Jn/Loughborough Jn SO260 seq 1</p> <p>1 Up Atlantic 2 Down Atlantic 3 Up Chatham Main 4 Down Chatham Main 5 Up Catford Loop 6 Down Catford Loop</p>	<table border="1"> <tr> <td>TCB</td> <td>Victoria SB (VS)</td> <td rowspan="2"> </td> </tr> <tr> <td>RA8</td> <td>DC: Lewisham</td> </tr> </table>	TCB	Victoria SB (VS)		RA8	DC: Lewisham
TCB	Victoria SB (VS)							
RA8	DC: Lewisham							
Shepherds Lane Jn	5 68 (2 70)			A.W.S not provided for emergency and temporary speed restrictions.				
Brixton Jn	5 57 * (3 08) *							
BRIXTON	(3 14)							
	(3 20) *							
	5 09 *							

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated		
SO660	001	Purley to Caterham	PAT	Kent / Sussex	18/11/2023		
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks		
(PURLEY)		(15 13)	<p>MAXIMUM PERMISSIBLE SPEED - 60 MPH To/From Purley SO500 seq 10</p> <p>To/From Reedham SO660 seq 2</p> <p>3 20 4 20</p> <p>1 2 1 2 1 2 1 2</p> <p>60 60</p> <p>20 20</p> <p>20 20</p> <p>15 Up Siding</p> <p>1 2</p>		TCB RA8	Three Bridges SB (T) DC: Brighton	GSM-R
Chipstead Line Jn		15 23					
Purley Substation		15 26 *					
KENLEY		15 28					
Kenley TP Hut		16 29					
Kenley TP Hut		16 67					
WHYTELEAFE		17 58					
Whytealeafe LC (CCTV)		17 63					
WHYTELEAFE SOUTH		18 18					
Whytealeafe South Substation		18 18					
Whytealeafe South LC (CCTV)		18 21					
		19 53 *					
CATERHAM		19 70					
					Platform 1 PP Platform 2 PP		
					1 Up Caterham 2 Down Caterham 3 Up Tattenham 4 Down Tattenham		

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated			
SO660	002	Purley to Tattenham Corner	TAT	Kent / Sussex	18/11/2023			
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks			
(PURLEY) (Chipstead Line Jn) Purley Substation		(15 13) (15 23) 15 28	<p style="text-align: center;">MAXIMUM PERMISSIBLE SPEED - 60 MPH</p>		<table border="1"> <tr> <td>TCB RA8</td> <td>Three Bridges SB (T) DC: Brighton</td> <td style="text-align: center;">GSM-R </td> </tr> </table>	TCB RA8	Three Bridges SB (T) DC: Brighton	GSM-R
TCB RA8	Three Bridges SB (T) DC: Brighton	GSM-R 						
		15 58 *						
REEDHAM		15 65						
		15 71 *						
		16 33 *						
COULSDON TOWN Smitham TP Hut		16 46 16 66						
		16 75 *						
WOODMANSTERNE		17 40						
						<p>1 Up Tattenham 2 Down Tattenham</p>		

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO660	003	Purley to Tattenham Corner	TAT	Kent / Sussex	18/11/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Chipstead Substation CHIPSTEAD		17 60 * 17 78 * 18 27 18 41 18 50 *			TCB RA8 Three Bridges SB (T) DC: Brighton
Outwood Lane TP Hut		19 10 * 19 30 * 19 36 * 19 44 * 19 46 19 66 *			
KINGSWOOD Kingswood Substation		20 72 20 72 21 02 *			
Kingswood Tunnel (310 yards)		21 12 * 21 36 * to 21 50 *			
			1 Up Tattenham 2 Down Tattenham		

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated			
SO660	004	Purley to Tattenham Corner	TAT	Kent / Sussex	18/11/2023			
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks			
Hoppity Tunnel (37 yards)		21 61 * to 21 63			<table border="1"> <tr> <td>TCB RA8</td> <td>Three Bridges SB (T) DC: Brighton</td> <td>GSM-R </td> </tr> </table>	TCB RA8	Three Bridges SB (T) DC: Brighton	GSM-R
TCB RA8	Three Bridges SB (T) DC: Brighton	GSM-R 						
Tadworth TP Hut		22 13						
TADWORTH		22 18 *						
		22 74 *						
		23 02 *						
Tattenham Corner Substation		23 24 23 30 *	<p>Platform 1 PP Platform 2 PP Platform 3 PP</p> <p>1 Up Tattenham 2 Down Tattenham</p>					
TATTENHAM CORNER		23 37						


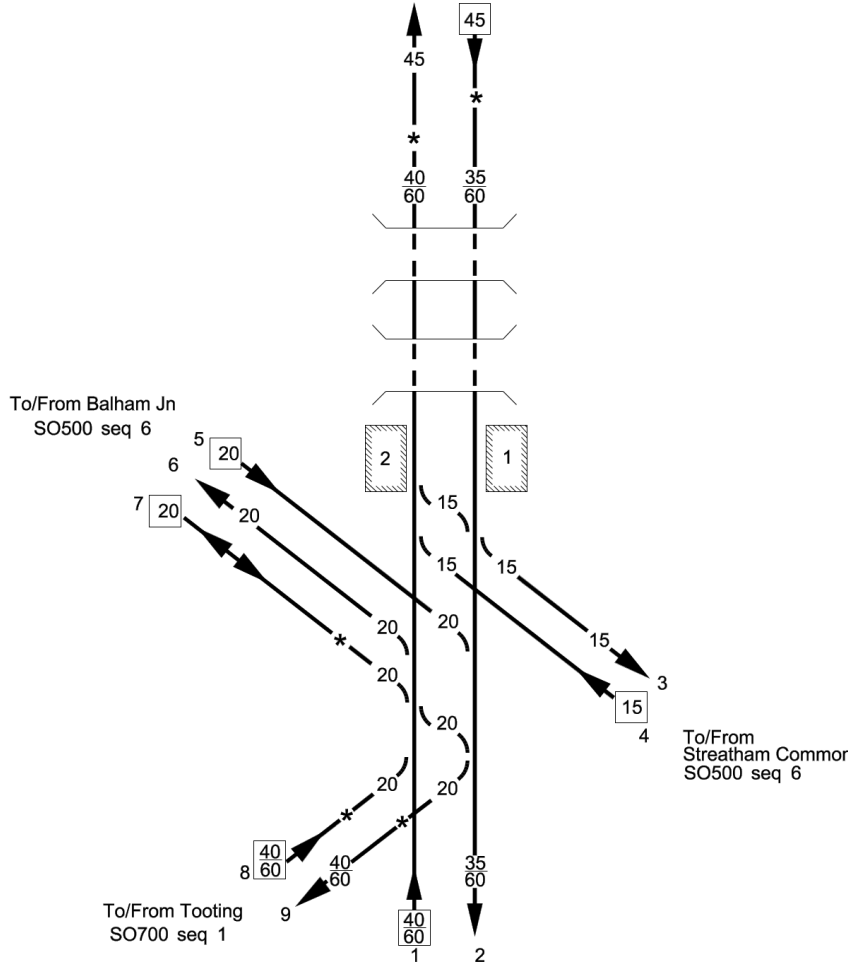
Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO680	001	South Bermondsey Jn to Horsham	BTH1	Kent / Sussex	09/07/2022
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>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>
SOUTH BERMONDSEY		1 57 *			<p>GSM-R </p>
1 62					
1 67 *					
Uttley Jn		2 02			
2 06 *					
Old Kent Road Jn		2 32			
2 38 *					
QUEEN'S ROAD PECKHAM		2 58			
3 30 *					
PECKHAM RYE		3 36			
Peckham Rye Jn		3 47			
Peckham Rye TP Hut		3 49			
3 50 *					
		3 50 *			

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
SO680	002	South Bermondsey Jn to Horsham	BTH1 HHT	Kent / Sussex	18/11/2023	
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
EAST DULWICH		4 23			TCB Three Bridges ROC (TL) London Bridge Central C/E Workstation RA8 DC: Lewisham	GSM-R
		4 27 *			TCB Victoria SB (VC) RA8 DC: Brighton	GSM-R
Route Boundary		4 44				
NORTH DULWICH		4 64				
West Dulwich Substation		5 05 *				
Knight's Hill Tunnel (331 yards)		5 32				
		5 56				
		to				
		5 71				
(Herne Hill)		(4 37)				
Route Boundary		(4 63)				
		(4 65) *				
TULSE HILL		6 07				
		(5 02)				
		6 10 *				
Tulse Hill Substation		6 20	UPL 42 DPL 37			
(Leigham Jn)		(6 40)				
(West Norwood Jn)		(6 41)	1 Up Portsmouth 2 Down Portsmouth 3 Down Holborn 4 Up Holborn 5 Down Leigham Spur 6 Up Leigham Spur 7 Up West Norwood Spur 8 Down West Norwood Spur			

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO680	003	South Bermondsey Jn to Horsham	BTH1 SSC SNS SLJ SHS1	Kent / Sussex	18/11/2023
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
			TCB Three Bridges ROC Streatham W/S (TVC) RA8 DC: Brighton 		
	6 25 *		Axle Counter area 6m 62ch ▼		
	6 46 *				
Leigham Tunnel (302 yards)	6 62 to 6 76				
Streatham Tunnel (220 yards)	7 09 to 7 19				
STREATHAM	7 48		Platform 1 PP-A (detaching only)		
(Streatham North Jn)	(6 14) (6 30) *				
Streatham South Jn	8 11 (6 48) (0 00) (0 20) *		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		
					

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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
MITCHAM EASTFIELDS Eastfields Road LC (CCTV)		9 19 9 19			GSM-R TCB Three Bridges ROC Sutton W/S (TVC) RA8 DC: Brighton Axle Counter Area
Grove Road TP Hut		9 31			
MITCHAM JN		9 75 * 10 00 * 10 30			
Mitcham Jn Substation		10 40 10 68 * 10 70 *			
HACKBRIDGE Carshalton TP Hut		11 41 12 03			
CARSHALTON		12 16 * 12 23 * 12 30 12 36 * 12 41 *			
			1 Up Portsmouth 2 Down Portsmouth		

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LOR	Seq.	Line of Route Description	ELR			Route	Last Updated
SO680	005	South Bermondsey Jn to Horsham	BTH1	BTH2	NFE	Kent / Sussex	18/11/2023
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
						GSM-R TCB Three Bridges ROC Sutton W/S (TVC) RA8 DC: Brighton	
		13 34 *				Axle Counter Area	
		13 38 *					
		(14 60) *					
Change of Mileage		13 45					
		14 66					
		(14 71) *					
Sutton Substation SUTTON		14 67					
		14 75					
		(12 50)					
		15 04 *					
		(12 40) *					
CHEAM		15 76					
Cheam TP Hut		16 06					
		17 11 *					
Ewell East Substation		17 23					
EWELL EAST		17 27					
Route Boundary		17 33					
			DC:Raynes Park				

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LOR	Seq.	Line of Route Description	ELR			Route	Last Updated	
SO680	006	South Bermondsey Jn to Horsham	BTH2	BTH3	RPE	Kent / Sussex	02/05/2015	
Location		Mileage M Ch	Running lines & speed restrictions				Signalling & Remarks	
EPSOM		18 50 *					TCB RA8 Wimbledon SB (W) DC:Raynes Park GSM-R	
		18 66						
		14 10						
		18 73 (14 18)						
Change of Mileage		19 03						
		14 27						

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LOR	Seq.	Line of Route Description	ELR		Route	Last Updated		
SO700	002	Streatham South Jn to Sutton (via Wimbledon)	SMS1	SMS2	Kent / Sussex	18/11/2023		
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks		
WIMBLEDON		3 07 7 21 7 27 *				GSM-R TCB Three Bridges ROC Sutton W/S (TVC) RA8 DC: Brighton		
Wimbledon West Jn		7 51 7 47 *				① Down Siding in use but de-energised. Permissive working authorised on up platform line.		
Wimbledon Substation		7 66 7 59 * 7 69 *				1 Down slow (South West Line) 2 Up St Helier 3 Down St Helier		
		7 72 *						

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO700	003	Streatham South Jn to Sutton (via Wimbledon)	SMS2	Kent / Sussex	18/11/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
WIMBLEDON CHASE		8 13			TCB Three Bridges ROC Sutton W/S (TVC) RA8 DC: Brighton
		8 21 *			
SOUTH MERTON		8 61			Axle counter area 8m 63ch
		9 06 *			
Morden South TP Hut		9 25 *			1 Up St Helier 2 Down St Helier
MORDEN SOUTH		9 26 * 9 32			

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SO700	004	Streatham South Jn to Sutton (via Wimbledon)	SMS2	Kent / Sussex	18/11/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
					<p>GSM-R</p> <p>TCB Three Bridges ROC Sutton W/S (TVC) RA8 DC: Brighton</p> <p>Axle counter area</p> <p>1 Up St Helier 2 Down St Helier</p>
ST HELIER		9 66 *			
St Helier Ground Frame		9 69			
St Helier Substation		9 74			
		10 40			
		10 61 *			
		10 63 *			
SUTTON COMMON		10 67			
		11 00 *			
West Sutton TP Hut		11 40			
		11 43 *			
WEST SUTTON		11 47			
		11 68 *			
(SUTTON)		(12 50)			
		(14 75)			

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated		
SW105	025	Clapham Junction to Weymouth	BML1	Wessex	02/05/2015		
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks		
Stoneham Junction		74 37			TCB RA8	Eastleigh SB DC:Eastleigh	
SOUTHAMPTON AIRPORT (PARKWAY)		74 66					
Swaythling UWC		75 26					
		75 33 *					
SWAYTHLING		75 56					
		75 71 *	RAILBAM - (Acoustic Wheel Bearing Monitoring System) - BML1 Up and Down lines 75m 30ch				

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated			
SW105	026	Clapham Junction to Weymouth	BML1 SDP1	Wessex	25/11/2023			
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks			
ST DENYS		77 00 *			<table border="1"> <tr> <td>TCB RA8</td> <td>Eastleigh SB DC:Eastleigh</td> </tr> </table>	TCB RA8	Eastleigh SB DC:Eastleigh	
		TCB RA8	Eastleigh SB DC:Eastleigh					
77 10 *	<p>10 and 12 Car formation shall be always limited to match 2 operation from St Denys 1m 59ch SDP1 and Eastleigh South Jcn 74m 00ch ETF to Porchester Station 87m 35ch SDP2</p> <p>1 No. 2 Reception 2 No.1 Reception</p>							

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated		
SW105	035	Clapham Junction to Weymouth	BML2	Wessex	07/04/2014		
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks		
ASHURST NEW FOREST		85 20 *	UP DN ↑ ↓ 90 90 * * 		GSM-R TCB Brockenhurst SB (BH) RA8 DC:Eastleigh 		
		85 34					
		85 75 *					
		BEAULIEU ROAD		88 06			
			89 14 *				
		Woodfidley Crossing	89 59	80 80 * * --- * * 90 90 * * 92 35 * * * 80 80 UP DN			
			90 00 *				
			92 35 *				

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LOR	Seq.	Line of Route Description	Mileage		Running lines & speed restrictions	ELR	Route	Last Updated	
SW105	036	Clapham Junction to Weymouth	M	Ch		BML2 BLP	Wessex	23/12/2023	
Location			Mileage		Running lines & speed restrictions	Signalling & Remarks			
Brockenhurst LC			92	55		TCB RA8 Brockenhurst SB (BH) DC:Eastleigh			
BROCKENHURST			92	66		DPL 1428 ft UPL 1386 ft Permissive working authorised on UPL and DPL, Up main platform lines for trains from Lymington Branch only			
			93	26 *		CTLP-WX-CTL-BHCE 93m 90ch			
			93	41 *					

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated		
SW105	041	Clapham Junction to Weymouth	BML2	Wessex	19/05/2014		
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks		
PARKSTONE		111 29 *			TCB RA8 Bournemouth SB (BC) DC:Eastleigh 		
		111 72 *			Basingstoke (PW)		
		111 76			TCB AXLE COUNTERS		
		112 62 *					
		Seldown Jn			113 45		
		113 47 *					

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SW105	042	Clapham Junction to Weymouth	BML2	Wessex	04/11/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Poole (PW) LC (CCTV)		113 50			TCB Basingstoke (Pw) RA8 DC:Eastleigh GSM-R
POOLE		113 62			
		113 68 *			
Sterte Road Jn		114 05 *			CTLP-WX-CTL-PSLE-113m 40ch ① - Reception Road ② - Shunting Neck CTLP-WX-CTL-PSCE-114m 40ch
		114 20			

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SW105	043	Clapham Junction to Weymouth	BML2 HAG	Wessex	23/12/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Hamworthy Jn		114 45 *			TCB Basingstoke (PW) RA8 DC:Eastleigh GSM-R
HAMWORTHY		115 60	115 70 * 115 77 * 116 30 *		AXLE COUNTERS CTLP-WX-CTL-RVLE 116m 61ch CTLP-WX-CTL-RVCE 116m 79ch To/From Hamworthy Goods SW165 seq 1

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SW130	001	Eastleigh to Romsey	ECR	Wessex	18/02/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
CHANDLERS FORD			<p>MAXIMUM PERMISSIBLE SPEED 35 MPH 60</p>		<p>TCB RA8</p> <p>Eastleigh SB Non Electrified</p> <p>GSM-R </p>
		73 34			
		73 73 *			
		75 25			
		75 40			
		78 40			
		78 60	T		
		79 24	T		
		79 72 *			

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SW135	001	Eastleigh to Fareham	ETF	Wessex	25/11/2023
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
Eastleigh South Jn	74 4	<p>MAXIMUM PERMISSIBLE SPEED 70 MPH</p> <p>To/From Eastleigh SW105 seq 24</p> <p>To/From Depot</p> <p>70 UP</p> <p>70 DN</p>	<p>TCB RA8</p> <p>Eastleigh SB (E) DC: Eastleigh</p> <p>GSM-R </p> <p>10 and 12 Car formation shall be always limited to match 2 operation from St Denys 1m 59ch SDP1 and Eastleigh South Jcn 74m 00ch ETF to Porchester Station 87m 35ch SDP2</p>		

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated					
SW135	002	Eastleigh to Fareham	ETF	Wessex	25/11/2023					
Location	Mileage M	Ch	Running lines & speed restrictions		Signalling & Remarks					
HEDGE END	76	76			<table border="1"> <tr> <td>TCB</td> <td>Eastleigh SB (E)</td> <td rowspan="2"> </td> </tr> <tr> <td>RA8</td> <td>DC: Eastleigh</td> </tr> </table> <p>10 and 12 Car formation shall be always limited to match 2 operation from St Denys 1m 59ch SDP1 and Eastleigh South Jcn 74m 00ch ETF to Porchester Station 87m 35ch SDP2</p>	TCB	Eastleigh SB (E)		RA8	DC: Eastleigh
TCB	Eastleigh SB (E)									
RA8	DC: Eastleigh									
BOTLEY	78	72								
Tapnage Tunnel 122 Yards	81	35 to 81 40								

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SW135	003	Eastleigh to Fareham	ETF	Wessex	25/11/2023
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
Fareham No.1 Tunnel 147 Yards	83 13 to 83 20		TCB RA8	Eastleigh SB (E) DC: Eastleigh	GSM-R
Fareham No.2 Tunnel 553 Yards	83 21 to 83 46		<p>10 and 12 Car formation shall be always limited to match 2 operation from St Denys 1m 59ch SDP1 and Eastleigh South Jcn 74m 00ch ETF to Porchester Station 87m 35ch SDP2</p>		

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SW140	001	St. Denys to Portcreek Junction	SDP1	Wessex	25/11/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
			<p>MAXIMUM PERMISSIBLE SPEED 70 MPH</p> <p>To/From St.Denys SW105 seq 26</p>		<p>TCB RA7</p> <p>Eastleigh SB (E) DC: Eastleigh</p> <p>GSM-R </p> <p>10 and 12 Car formation shall be always limited to match 2 operation from St Denys 1m 59ch SDP1 and Eastleigh South Jcn 74m 00ch ETF to Porchester Station 87m 35ch SDP2</p> <p>T.O.W.S. Down and Up lines over Bridge No.2</p>
Adelaide LC (CCTV)		1 69			
Bridge No.2		2 16 * 2 to 22			
BITTERNE		2 36			
		2 60 *			

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
SW140	002	St. Denys to Portcreek Junction	SDP1	Wessex	25/11/2023	
Location	Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks		
WOOLSTON	3 20 *			TCB RA7	Eastleigh SB (E) DC: Eastleigh	GSM-R
	3 68 *					
	4 11					
	4 19 *					
	4 40 *					
SHOLING	4 58					
				<p>10 and 12 Car formation shall be always limited to match 2 operation from St Denys 1m 59ch SDP1 and Eastleigh South Jcn 74m 00ch ETF to Porchester Station 87m 35ch SDP2</p>		

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated			
SW140	003	St. Denys to Portcreek Junction	SDP1	Wessex	25/11/2023			
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks					
NETLEY	6 40 * 6 45		<table border="1"> <tr> <td>TCB RA7</td> <td>Eastleigh SB (E) DC: Eastleigh</td> <td></td> </tr> </table>	TCB RA7	Eastleigh SB (E) DC: Eastleigh		<p>10 and 12 Car formation shall be always limited to match 2 operation from St Denys 1m 59ch SDP1 and Eastleigh South Jcn 74m 00ch ETF to Porchester Station 87m 35ch SDP2</p>	
TCB RA7	Eastleigh SB (E) DC: Eastleigh							
HAMBLE	7 19 7 40 *		<p>① Siding and Ground Frame Secured out of use</p>					

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SW140	004	St. Denys to Portcreek Junction	SDP1	Wessex	25/11/2023
Location	Mileage M	Ch	Running lines & speed restrictions		Signalling & Remarks
BURSLEDON	8	20 *			TCB RA7 Eastleigh SB (E) DC: Eastleigh GSM-R 10 and 12 Car formation shall be always limited to match 2 operation from St Denys 1m 59ch SDP1 and Eastleigh South Jcn 74m 00ch ETF to Porchester Station 87m 35ch SDP2
Hamble Viaduct	8	70 to 8 79			
SWANWICK	10	50			T.O.W.S. Down and Up lines over viaduct

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SW140	005	St. Denys to Portcreek Junction	SDP1	Wessex	25/11/2023
Location	Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
				<div style="border: 1px solid black; padding: 5px; display: inline-block;"> TCB RA7 </div> <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-left: 20px;"> Eastleigh SB (E) DC: Eastleigh </div> <div style="float: right; text-align: center;"> GSM-R </div> <p style="margin-top: 20px;">10 and 12 Car formation shall be always limited to match 2 operation from St Denys 1m 59ch SDP1 and Eastleigh South Jcn 74m 00ch ETF to Porchester Station 87m 35ch SDP2</p>	
	13 20 *				
	13 60 *				
	14 00 *				
	14 15 *				
	84 10				

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description	Mileage		ELR	Route	Last Updated
SW140	006	St. Denys to Portcreek Junction	M	Ch	SDP1 SDP2	Wessex	25/11/2023
Location		Running lines & speed restrictions			Signalling & Remarks		
FAREHAM					<p>TCB RA7 Eastleigh SB (E) DC: Eastleigh</p> <p>GSM-R</p> <p>10 and 12 Car formation shall be always limited to match 2 operation from St Denys 1m 59ch SDP1 and Eastleigh South Jcn 74m 00ch ETF to Porchester Station 87m 35ch SDP2</p> <p>Permissive working authorised on Up platform line</p>		
Quay Viaduct (155 yards)		<p>84 21</p> <p>84 26 *</p> <p>84 39 *</p> <p>84 77 to 85 04</p> <p>85 23 *</p>			<p>TCB RA8 Havant (HT)</p>		
Wallington Viaduct (242 yards)		<p>85 32 to 85 43</p>			<p>Axle Counter area Up Exit 85m 16ch Down Entry 85m 16ch</p>		





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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SW140	007	St. Denys to Porkcreek Junction	SDP2	Wessex	25/11/2023
Location	Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
PORTCHESTER	87 35			TCB RA8 Havant SB (HT) DC: Eastleigh GSM-R	
	89 31 *			Axle Counter area 10 and 12 Car formation shall be always limited to match 2 operation from St Denys 1m 59ch SDP1 and Eastleigh South Jcn 74m 00ch ETF to Porchester Station 87m 35ch SDP2	
Cosham LC (CCTV)	90 6				
COSHAM	90 6				
	90 16 *				

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SW140	008	St. Denys to Portcreek Junction	SDP2 FJJ	Wessex	02/05/2015
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Cosham Jn		90 43			GSM-R TCB RA8 Havant SB (HT) DC: Eastleigh Axle Counter area

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SW170	004	Westbury to Wilton Junction	SAL	Wessex	15/09/2020
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Beechgrove GF		115 27			TCB RA8 Westbury SB (W) 
Territory Boundary		115 40			Salisbury SB (SY)
Corton Steps Crossing		119 41			
Upton Lovell LC (AHBC)		119 70			
Codford LC (AHBC)		120 45			
Sherrington Crossing (R&G-X-CMSL)		121 2			

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SW170	005	Westbury to Wilton Junction	SAL	Wessex	16/11/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
					<div style="border: 1px solid black; padding: 2px; display: inline-block;">TCB RA8</div> <div style="margin-left: 20px;">Salisbury SB (SY)</div> <div style="float: right; text-align: center;"> GSM-R </div>
		121 20 *			
		121 40 *			
		122 39 *			
	Stockton Crossing LC (R&G-X-OMSL)		X40		OMSL - See General Instruction
	Tyning LC	122 75	T		
	Middle Road Crossing	123 36	T		
	Townsend Crossing	124 12	T		
	Wylve LC (AHBC)	124 41	T		Level Crossing also in this area:- Helyers Farm Footpath 126m 76ch
	Hindon Road Crossing	125 29	T		
	Eton College Road (R&G-X-OMSL)	125 38	T		
		128 38 *	X35		
		129 20 *	50		
	Couston Bottom Crossing	130 16	T		
			75		CTLP-WX-CTL-WILTN 131m 53ch FWS Down line 132m 10ch to Jn
			UP		
			DN		
			To Wilton Jn SW115 seq 6		

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SW175	001	Castle Cary to Dorchester Junction	WEY	Wessex	15/06/2022
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
CASTLE CARY	129 45	<p>MAXIMUM PERMISSIBLE SPEED 75 MPH</p>	<p>TCB Westbury SB (W) RA6 Non Electrified</p> <p>GSM-R </p> <p>Other User Worked Crossing in this area.</p> <p>Clanville No.2 (Footpath) 130m 07ch Buckles (Footpath) 130m 22ch Dimmer (Footpath) 130m 43ch Cockhill (Footpath) 130m 61ch Higher Thorn (Footpath) 132m 00ch Lower Thorne (Footpath) 132m 48ch Sparkford Sawmills (Footpath) 134m 07ch</p> <p>Barrow (Footpath) 134m 48ch Queen Camel (Footpath) 134m 68ch Camel (Footpath) 135m 16ch Sutton (Footpath) 135m 48ch Lambrook (Footpath) 136m 41ch Rimpton (Footpath) 137m 16ch Adber No.1 (Footpath) 138m 06ch</p> <p>OMSL - See General Instruction</p>		
Castle Cary Jn	129 50				
Territory Boundary	129 65 *				
Thorney Marsh Lane UWC(R&G-OMSL)	130 00 *		T		
Sparkford Emergency Telephone	132 6		T		
Marston Magna Emergency Telephone	134 29		T		
	137 00		T		

Kent / Sussex / Wessex Routes Sectional Appendix Module KSW3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SW175	002	Castle Cary to Dorchester Junction	WEY	Wessex	23/12/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Yeovil Pen Mill SB (YPM)		140 26 *			no signalman token with remote loops RA6 Non Electrified
YEOVIL PEN MILL		141 05 *			40 MU 60 mph in the down direction only between 140m 26ch and 141m 05 ch
		141 22			CTLP-WX-CTL-YVCP 141m 34ch
		141 35 *			To Yeovil Jn SW115 seq 11

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SW265	004	Guildford to Wokingham	GTW2	Wessex	02/12/2023
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
BLACKWATER		55 58			TCB RA8 Guildford SB (GD) GSM-R
Darby Green UWC		56 22			2 A/B Points at Blackwater secured normal. Point clip padlocked key located at Wokingham Signal Box
SANDHURST		57 22			
Harveys UWC		58 12			
CROWTHORNE		58 66			

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LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SW300	001	Gomshall to Shalford Junction	RSJ	Wessex	28/10/2016
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Route Boundary Hackhurst Lane BW		33 10 34 57	<p>MAXIMUM PERMISSIBLE SPEED 35 MPH 70</p> <p>Sussex Wessex</p> <p>UP DN To/From Redhill SO560 seq 2</p> <p>35 70</p> <p>35 70</p> <p>15</p> <p>35 70</p> <p>65 60</p> <p>55 35 70</p> <p>35 70</p> <p>UP DN</p>		<p>GSM-R</p> <p>TCB RA8 Reigate SB (RC)</p> <p>TCB Guildford SB (GD)</p>
GOMSHALL		35 21			
Burrows Lane LC (AHBC)		35 60 *	T		
Shere Heath LC		36 51 36 60 *	T		
Brook LC (AHBC)		37 19 *	T		
Ford Crossing		37 70 38 03 *	T		

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Kent / Sussex / Wessex Routes Sectional Appendix Module KSWRC

Line of route	ELR	Line of Route / Sector Description	0000		0000		150	158	159	165	166 RHM	Notes
			M	Ch	M	Ch						
SO310	HDR	Lee Loop Jn – Lee	7	29	7	66	N	N	N	N	N	
SO310	HDR	Lee – Crayford Spur 'B' Jcn	7	66	16	11	N	N	N	N	N	
SO310	CRA	Crayford Spur 'B' Jn – Crayford Spur 'A' Jn	16	11	16	43	N	N	N	N	N	
SO310	HDR	Crayford Spur 'B' Jcn – Dartford Jn	16	11	16	75	N	N	N	N	N	
SO310	HDR	Dartford Jn – Hoo Jn	16	75	27	19	N	N	N	N	N	
SO310	HDR	Hoo Jn – Strood Jn	27	19	31	16	N	N	N	N	N	
SO310	HDR	Strood Jn – Rochester Bridge Jn	31	16	31	34	N	N	N	N	N	
SO310	PWS2	Strood Jn – Maidstone West Change of Mileage	31	16	42	41	N	N	N	N	N	
SO320	HTG	Hoo Jn – Grain LC and Sidings beyond	27	19	38	22	N	N	N	N	N	
SO330	NLT	Nunhead Jn (SO260) – Lewisham Jn	6	09	7	58	N	N	N	N	N	
SO330	LVT	Tanners Hill Jn (SO130) – Lewisham Jn	5	29	5	55	N	N	N	N	N	
SO330	BEX	St Johns Jn (SO130) – Lewisham Jn	5	54	5	74	N	N	N	N	N	
SO330	LCH	Lewisham Jn – Courthill Loop North Jn	5	72	6	21	N	N	N	N	N	
SO330	NCS	Courthill Loop North Jn – Courthill Loop South Jn	6	21	6	43	N	N	N	N	N	
SO330	LCH	Courthill Loop North Jn – Ladywell Jn	6	21	6	41	N	N	N	N	N	
SO330	LCH	Ladywell Jn – New Beckenham Jn	6	41	9	51	N	N	N	N	N	
SO330	NBB	New Beckenham Jn – Beckenham Jn	9	51	10	04	N	N	N	N	N	
SO330	LCH	New Beckenham Jn – Hayes	9	51	14	32	N	N	N	N	N	
SO350	BNG	Grove Park (SO130) – Bromley North	8	87	10	47	N	N	N	N	N	
SO500	VTB1	Victoria platforms 9-19 – Battersea Pier Jn	0	00	0	71	N	N	N	N	N	
SO500	VTB1	Battersea Pier Jn – Battersea Park Jn	0	71	1	13	N	N	N	N	N	
SO500	VTB1	Battersea Park Jn – Pouparts Jn	1	13	2	03	N	N	N	N	N	
SO500	VTB1	Pouparts Jn – Falcon Jn	2	03	2	66	N	N	N	N	N	
SO500	WLL	Falcon Jn – Latchmere No1 Jn via Clapham Jn platforms 16 and 17	0	00	0	63	R1	N	N	N	N	R1 OPPOS applies between crossover VC289 points and Falcon Jn VC290/292 points
SO500	VTB1	Falcon Jn – Balham Jn	2	66	4	69	N	N	N	N	N	

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Line of route	ELR	Line of Route / Sector Description	0000		0000		150	158	159	165	166 RHM	Notes
			M	Ch	M	Ch						
SO500	VTB1	Balham Jn – Streatham North Jn	4	69	6	14	N	N	N	N	N	
SO500	SNS	Streatham North Jn – Streatham South Jn via Reversible Fast Spur	6	16	6	35	N	N	N	N	N	
SO500	SLJ	Streatham North Jn – Streatham South Jn via Slow Spurs	6	14	6	38	N	N	N	N	N	
SO500	VTB1	Streatham North Jn – Selhurst Jn	6	14	9	43	N	N	N	N	N	
SO500	WCS	Selhurst Jn – Gloucester Road Jn	9	44	9	62	N	N	N	N	N	
SO500	VTB1	Selhurst Jn – Windmill Bridge Jn	9	43	10	12	N	N	N	N	N	
SO500	VTB2	Windmill Bridge Jn – South Croydon Jn	9	69	11	29	N	N	N	N	N	
SO500	VTB2	South Croydon Jn – Stoats Nest Jn	11	29	14	20	N	N	N	N	N	
SO500	RED1/2	Stoats Nest Jn – Redhill	14	20	22	40	N	N	N	N	N	
SO500	RED1/2	Redhill – Change of Mileage (Redhill / Slow lines) Via Redhill	22	40	23	00	N	N	N	Y	Y	
SO500	VTB2	Stoats Nest Jn – Change of Mileage (Quarry / Fast lines)	14	20	23	21	N	N	N	N	N	
SO500	VTB3	Change of Mileage (Quarry / Fast lines) – Three Bridges	21	15	29	21	N	N	N	R1 R2	R1 R2 R3	R1 20mph Three Bridges platforms 2, 4 and 5 R2 Prohibited Three Bridges platform 3 R3 Prohibited Haslett Avenue Bridge No.125 Up line
SO500	VTB3	Three Bridges – Copyhold Jn	29	21	36	73	N	N	N	N	N	
SO500	CJA1	Copyhold Jn – Change of Mileage	36	73	36	33	N	N	N	N	N	
SO500	CJA2	Change of Mileage – Ardingly Sidings	0	00	0	70	N	N	N	N	N	
SO500	VTB3	Copyhold Jn – Keymer Jn	36	73	40	69	N	N	N	N	N	
SO500	VTB3	Keymer Jn – Preston Park Jn	40	69	49	43	N	N	N	N	N	
SO500	PPH	Preston Park Jn – Hove Jn	49	21	50	44	Y	R1 R2	R1 R2	N	R3	R1 70mph Preston Park platform 2 R2 Prohibited Preston Park platform 3 R3 OPPOS between Preston Park Jn and Hove Jn
SO500	VTB3	Preston Park Jn – Brighton	49	43	50	49	Y	R1	R1	N	R2 R3	R2 Prohibited Brighton platforms 3 and 5 with crush deflated suspension R3 OPPOS between Preston Park and Brighton
SO510	LBW	London Bridge platforms 10-15 – Bricklayers Arms Jn	0	00	2	12	N	N	N	N	N	

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Line of route	ELR	Line of Route / Sector Description	oo	oo	oo	oo	170	171	172	220	221	Notes
			M	Ch	M	Ch						
SO260	RVC	Ravensbourne Jn – Shortlands Jn via Ravensbourne Chord	0	00	0	48	N	N	N	N	N	
SO260	CAT	Ravensbourne Jn – Shortlands Jn	10	44	10	73	N	N	N	N	N	
SO280	MCL	Route Boundary (LN3213) (Kentish Town Jn) – ELR change (Former Farringdon Jn)	0	66	0	00	N	N	N	N	N	
SO280	FTL	ELR change (Former Farringdon Jn) – Snow Hill Tunnel (Change of Mileage)	0	00	0	39	N	N	N	N	N	
SO280	HHH	Snow Hill Tunnel (Change of Mileage) – Blackfriars	0	21	0	35	N	N	N	N	N	
SO280	HHH	Blackfriars – Blackfriars Jn	0	35	0	63	N	N	N	N	N	
SO280	BMJ	Blackfriars Jn – Metropolitan Jn	0	63	1	14	N	N	N	N	N	
SO280	HHH	Blackfriars Jn – Loughborough Jn	0	63	3	36	N	N	N	N	N	
SO280	LTC	Loughborough Jn – Cambria Jn	3	34	3	62	N	N	N	N	N	
SO280	LOC	Loughborough Jn – Canterbury Road Jn	3	39	3	79	N	N	N	N	N	
SO280	HHH	Loughborough Jn – Herne Hill North Jn	3	36	4	30	N	N	N	N	N	
SO290	NKL	North Kent East Jn (SO130) – Charlton Jn	4	25	7	35	N	N	N	N	N	
SO290	NKL	Charlton Jn – Charlton	7	35	7	44	N	N	N	N	N	
SO290	NKL	Charlton – Slade Green Jn	7	44	15	36	N	N	N	N	N	
SO290	NKL	Slade Green Jn – Crayford Creek Jn	15	36	15	66	N	N	N	N	N	
SO290	NKL	Crayford Creek Jn – Crayford Spur 'A' Jn	15	66	16	42	N	N	N	N	N	
SO290	NKL	Crayford Spur 'A' Jn – Dartford Jn	16	42	16	75	N	N	N	N	N	
SO300	BEX	Lewisham Jn – Blackheath Jn	5	74	7	14	N	N	N	N	N	
SO300	BTC	Blackheath Jn – Charlton Jn	7	14	8	67	N	N	N	N	N	
SO300	BEX	Blackheath Jn – Perry Street Fork Jn	7	14	15	07	N	N	N	N	N	
SO300	PSF	Perry Street Fork Jn – Slade Green Jn	15	07	15	31	N	N	N	N	N	
SO300	BEX	Perry Street Fork Jn – Crayford Creek Jn	15	07	15	66	N	N	N	N	N	

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Line of route	ELR	Line of Route / Sector Description	00	00	00	00	170	171	172	220	221	Notes
			M	Ch	M	Ch						
SO310	HDR	Hither Green Jn (SO290) – Lee Loop Jn	7	16	7	29	N	N	N	N	N	
SO310	LEE	Lee Loop Jn – Lee Spur Jn	0	00	0	29	N	N	N	N	N	
SO310	HDR	Lee Loop Jn – Lee	7	29	7	66	N	N	N	N	N	
SO310	HDR	Lee – Crayford Spur 'B' Jcn	7	66	16	11	N	N	N	N	N	
SO310	CRA	Crayford Spur 'B' Jn – Crayford Spur 'A' Jn	16	11	16	43	N	N	N	N	N	
SO310	HDR	Crayford Spur 'B' Jcn – Dartford Jn	16	11	16	75	N	N	N	N	N	
SO310	HDR	Dartford Jn – Hoo Jn	16	75	27	19	N	N	N	N	N	
SO310	HDR	Hoo Jn – Strood Jn	27	19	31	16	N	N	N	N	N	
SO310	HDR	Strood Jn – Rochester Bridge Jn	31	16	31	34	N	N	N	N	N	
SO310	PWS2	Strood Jn – Maidstone West Change of Mileage	31	16	42	41	N	N	N	N	N	
SO320	HTG	Hoo Jn – Grain LC and Sidings beyond	27	19	38	22	N	N	N	N	N	
SO330	NTL	Nunhead Jn (SO260) – Lewisham Jn	6	09	7	58	N	N	N	N	N	
SO330	LVT	Tanners Hill Jn (SO130) – Lewisham Jn	5	29	5	55	N	N	N	N	N	
SO330	BEX	St Johns Jn (SO130) – Lewisham Jn	5	54	5	74	N	N	N	N	N	
SO330	LCH	Lewisham Jn – Courthill Loop North Jn	5	72	6	21	N	N	N	N	N	
SO330	NCS	Courthill Loop North Jn – Courthill Loop South Jn	6	21	6	43	N	N	N	N	N	
SO330	LCH	Courthill Loop North Jn – Ladywell Jn	6	21	6	41	N	N	N	N	N	
SO330	LCH	Ladywell Jn – New Beckenham Jn	6	41	9	51	N	N	N	N	N	
SO330	NBB	New Beckenham Jn – Beckenham Jn	9	51	10	04	N	N	N	N	N	
SO330	LCH	New Beckenham Jn – Hayes	9	51	14	32	N	N	N	N	N	
SO350	BNG	Grove Park (SO130) – Bromley North	8	87	10	47	N	N	N	N	N	
SO500	VTB1	Victoria platforms 9-19 – Battersea Pier Jn	0	00	0	71	N	Y	N	N	N	
SO500	VTB1	Battersea Pier Jn – Battersea Park Jn	0	71	1	13	N	Y	N	N	N	
SO500	VTB1	Battersea Park Jn – Pouparts Jn	1	13	2	03	N	Y	N	N	N	

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Line of route	ELR	Line of Route / Sector Description	00	00	00	00	313	319	325	373	375	376	377	378	380	387	Notes
			M	Ch	M	Ch											
SO330	NLT	Nunhead Jn (SO260) – Lewisham Jn	6	09	7	58	N	Y	H	N	Y	Y	Y	N	N	Y	
SO330	LVT	Tanners Hill Jn (SO130) – Lewisham Jn	5	29	5	55	N	N	N	N	Y	Y	Y	N	N	Y	
SO330	BEX	St Johns Jn (SO130) – Lewisham Jn	5	54	5	74	N	E R1	H R1	N	Y	Y	R2	N	N	Y	R1 45mph maximum speed R2 Class 377/1 and 377/5 only
SO330	LCH	Lewisham Jn – Courthill Loop North Jn	5	72	6	21	N	Y	H	N	Y	Y	Y	N	N	Y	
SO330	NCS	Courthill Loop North Jn – Courthill Loop South Jn	6	21	6	43	N	Y	H	N	Y	Y	Y	N	N	Y	
SO330	LCH	Courthill Loop North Jn – Ladywell Jn	6	21	6	41	N	Y	H	N	Y	Y	Y	N	N	Y	
SO330	LCH	Ladywell Jn – New Beckenham Jn	6	41	9	51	N	Y	H	N	Y	Y	Y	N	N	Y	
SO330	NBB	New Beckenham Jn – Beckenham Jn	9	51	10	04	N	Y	H	N	Y	Y	Y	N	N	Y	
SO330	LCH	New Beckenham Jn – Hayes	9	51	14	32	N	N	N	N	Y	Y	Y	N	N	Y	
SO350	BNG	Grove Park (SO130) – Bromley North	8	87	10	47	N	N	N	N	Y	Y	R1	N	N	N	R1 Class 377/1 and 377/5 only
SO500	VTB1	Victoria platforms 9-19 – Battersea Pier Jn	0	00	0	71	E	Y	H	N	Y	N	Y	N	N	Y	
SO500	VTB1	Battersea Pier Jn – Battersea Park Jn	0	71	1	13	E	Y	H	N	Y	N	Y	N	N	Y	
SO500	VTB1	Battersea Park Jn – Pouparts Jn	1	13	2	03	E	Y	H	N	Y	N	Y	N	N	Y	
SO500	VTB1	Pouparts Jn – Falcon Jn	2	03	2	66	E	Y	H	N	Y	N	Y	E	N	Y	
SO500	WLL	Falcon Jn – Latchmere No1 Jn via Clapham Jn platforms 16 and 17	0	00	0	63	R1	Y	H	N	N	N	R2 R3	Y	N	R4	R1 OPPOS applies between crossover VC289 points and Falcon Jn (VC290 / 292) points. R2 Classes 377/1 – 377/5 - 15mph Clapham Jn platforms 16 and 17 R3 Classes 377/6 and 377/7 – 15mph Clapham Jn Down West London Line platform 16 R4 15mph maximum speed Clapham Junction platforms 16 and 17
SO500	VTB1	Falcon Jn – Balham Jn	2	66	4	69	E	Y	H	N	Y	N	Y	E	N	Y	
SO500	VTB1	Balham Jn – Streatham North Jn	4	69	6	14	E	Y	H	N	Y	N	Y	E	N	Y	
SO500	SNS	Streatham North Jn – Streatham South Jn via Reversible Fast Spur	6	16	6	35	N	Y	H	N	N	N	Y	N	N	Y	

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Line of route	ELR	Line of Route / Sector Description	00	00	00	00	313	319	325	373	375	376	377	378	380	387	Notes
			M	Ch	M	Ch											
SO500	SLJ	Streatham North Jn – Streatham South Jn via Slow Spurs	6	14	6	38	N	Y	H	N	N	N	Y	N	N	Y	
SO500	VTB1	Streatham North Jn – Selhurst Jn	6	14	9	43	E	Y	H	N	Y	N	Y	E	N	Y	
SO500	WCS	Selhurst Jn – Gloucester Road Jn	9	44	9	62	N	Y	H	N	N	N	Y	E	N	Y	
SO500	VTB1	Selhurst Jn – Windmill Bridge Jn	9	43	10	12	E	Y	H	N	Y	N	Y	E	N	Y	
SO500	VTB2	Windmill Bridge Jn – South Croydon Jn	9	69	11	29	E	Y	H	N	Y	Y	Y	Y	N	Y	
SO500	VTB2	South Croydon Jn – Stoats Nest Jn	11	29	14	20	E	R1	H R1	N	Y	Y	Y	E	N	Y	R1 60mph Purley platform 3
SO500	RED1/2	Stoats Nest Jn – Redhill	14	20	22	40	E	Y	H	N	Y	Y	Y	Y	N	E	
SO500	RED1/2	Redhill – Change of Mileage (Redhill / Slow lines) Via Redhill	22	40	23	00	E	Y	H	N	Y	Y	Y	N	N	Y	
SO500	VTB2	Stoats Nest Jn – Change of Mileage (Quarry / Fast lines)	14	20	23	21	E	Y	H	N	Y	Y	Y	N	N	Y	
SO500	VTB3	Change of Mileage (Quarry / Fast lines) – Three Bridges	21	15	29	21	E	Y	H	N	Y	Y	Y	N	N	Y	
SO500	VTB3	Three Bridges – Copyhold Jn	29	21	36	73	Y	Y	H	N	Y	N	Y	N	N	Y	
SO500	CJA1	Copyhold Jn – Change of Mileage	36	73	36	33	N	N	N	N	N	N	N	N	N	N	
SO500	CJA2	Change of Mileage – Ardingly Sidings	0	00	0	70	N	N	N	N	N	N	N	N	N	N	
SO500	VTB3	Copyhold Jn – Keymer Jn	36	73	40	69	Y	Y	H	N	Y	N	Y	N	N	Y	
SO500	VTB3	Keymer Jn – Preston Park Jn	40	69	49	43	Y	Y	H	N	Y	N	Y	N	N	Y	
SO500	PPH	Preston Park Jn – Hove Jn	49	21	50	44	Y	Y	H	N	N	N	Y	N	N	Y	
SO500	VTB3	Preston Park Jn – Brighton	49	43	50	49	Y	Y	H	N	Y	N	Y	N	N	Y	
SO510	LBW	London Bridge platforms 10-15 – Bricklayers Arms Jn	0	00	2	12	N	Y	H	N	Y	Y	Y	E	N	Y	
SO510	LBW	Bricklayers Arms Jn – New Cross Gate Up Jn	2	12	2	60	N	Y	H	N	Y	Y	Y	E	N	Y	
SO510	ELL1	New Cross Gate Up Jn – Network Rail Boundary / Up ELL	5	51	5	49	N	N	N	N	N	N	N	Y	N	N	
SO510	LBW	New Cross Gate Up Jn – New Cross Gate Down Jn	2	60	3	10	N	Y	H	N	Y	Y	Y	Y	N	Y	
SO510	ELL1	New Cross Gate Down Jn – Network Rail Boundary / Down ELL	6	02	5	79	N	N	N	N	N	N	N	Y	N	N	

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Line of route	ELR	Line of Route / Sector Description	M	CH	M	Ch	395	442	444	450	456	458	465	466	Notes
SO300	BEX	Blackheath Jn – Perry Street Fork Jn	7	14	15	07	Y	N	N	N	E R1 R2 R3 R4 R5 R6	N	Y	Y	R1 45mph maximum speed R2 10mph Kidbrooke platforms 1 and 2 R3 10mph through Eltham Park (Closed) R4 10mph Welling platform 1 R5 10mph Bexleyheath platform 2 R6 10mph Barnehurst platform 1 R7 Prohibited Kidbrooke Up platform 1 with crush deflated suspension
SO300	PSF	Perry Street Fork Jn – Slade Green Jn	15	07	15	31	R1	N	N	N	N	N	Y	Y	R1 OPPOS applies on Erith Loop
SO300	BEX	Perry Street Fork Jn – Crayford Creek Jn	15	07	15	66	Y	N	N	N	E	N	Y	Y	
SO310	HDR	Hither Green Jn (SO290) – Lee Loop Jn	7	16	7	29	Y	E	N	N	E	N	Y	Y	
SO310	LEE	Lee Loop Jn – Lee Spur Jn	0	00	0	29	R1	E	N	N	E	N	Y	Y	R1 OPPOS applies
SO310	HDR	Lee Loop Jn – Lee	7	29	7	66	Y	E	N	N	E	N	Y	Y	
SO310	HDR	Lee – Crayford Spur 'B' Jcn	7	66	16	11	Y	N	N	N	E	N	Y	Y	
SO310	CRA	Crayford Spur 'B' Jn – Crayford Spur 'A' Jn	16	11	16	43	R1	N	N	N	E	N	Y	Y	R1 OPPOS applies
SO310	HDR	Crayford Spur 'B' Jcn – Dartford Jn	16	11	16	75	Y	N	N	N	N	N	Y	Y	
SO310	HDR	Dartford Jn – Hoo Jn	16	75	27	19	Y	N	N	N	N	N	Y	Y	
SO310	HDR	Hoo Jn – Strood Jn	27	19	31	16	Y	N	N	N	N	N	Y	Y	R1 Prohibited Higham platforms 1 & 2 with crush deflated suspension
SO310	HDR	Strood Jn – Rochester Bridge Jn	31	16	31	34	Y	N	N	N	N	N	Y	Y	
SO310	PWS2	Strood Jn – Maidstone West Change of Mileage	31	16	42	41	Y	N	N	N	N	N	Y	Y	
SO320	HTG	Hoo Jn – Grain LC and Sidings beyond	27	19	38	22	N	N	N	N	N	N	N	N	
SO330	NTL	Nunhead Jn (SO260) – Lewisham Jn	6	09	7	58	Y	E	N	N	E	N	Y	Y	R1 45mph Avignon Road Bridge No.493 Up and Down North Kent 06m 27ch to 06m 34ch
SO330	LVT	Tanners Hill Jn (SO130) – Lewisham Jn	5	29	5	55	N	N	N	N	N	N	Y	Y	
SO330	BEX	St Johns Jn (SO130) – Lewisham Jn	5	54	5	74	N	N	N	N	E R1	N	Y	Y	R1 45mph maximum speed
SO330	LCH	Lewisham Jn – Courthill Loop North Jn	5	72	6	21	Y	N	N	N	N	N	Y	Y	R1 Prohibited Lewisham Up platform 1 with deflated suspension

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Line of route	ELR	Line of Route / Sector Description	M	CH	M	Ch	395	442	444	450	456	458	465	466	Notes
SO330	NCS	Courthill Loop North Jn – Courthill Loop South Jn	6	21	6	43	Y	N	N	N	N	N	Y	Y	
SO330	LCH	Courthill Loop North Jn – Ladywell Jn	6	21	6	41	N	N	N	N	N	N	Y	Y	
SO330	LCH	Ladywell Jn – New Beckenham Jn	6	41	9	51	N	N	N	N	N	N	Y	Y	Prohibited New Beckenham Down platform 2 with crush deflated suspension
SO330	NBB	New Beckenham Jn – Beckenham Jn	9	51	10	04	N	N	N	N	N	N	Y	Y	
SO330	LCH	New Beckenham Jn – Hayes	9	51	14	32	N	N	N	N	N	N	Y	Y	R1 OPPOS Up Mid Kent or Down Mid Kent between New Beckenham and Hayes crossovers
SO350	BNG	Grove Park (SO130) – Bromley North	8	87	10	47	N	N	N	N	N	N	Y	Y	
SO500	VTB1	Victoria platforms 9-19 – Battersea Pier Jn	0	00	0	71	N	Y	Y	Y	Y	N	N	N	
SO500	VTB1	Battersea Pier Jn – Battersea Park Jn	0	71	1	13	N	Y	N	N	Y	N	N	N	
SO500	VTB1	Battersea Park Jn – Pouparts Jn	1	13	2	03	N	Y	N	N	Y	N	N	N	
SO500	VTB1	Pouparts Jn – Falcon Jn	2	03	2	66	N	Y	N	N	Y	N	N	N	
SO500	WLL	Falcon Jn – Latchmere No1 Jn via Clapham Jn platforms 16 and 17	0	00	0	63	N	N	N	N	Y	N	N	N	R1 15mph Clapham platform 16 Down West London line R2 OPPOS between VC2890 points and VC290 and VC292 points (Falcon Jn) at Clapham Jn
SO500	VTB1	Falcon Jn – Balham Jn	2	66	4	69	N	Y	N	N	Y	N	N	N	R1 OPPOS Falcon Jn between Down Slow line and Up Slow line 02m 54ch to 02m 69ch OPPOS Wandsworth Common Station between platform 3 line and platform 4 04m 00ch to 04m 20ch
SO500	VTB1	Balham Jn – Streatham North Jn	4	69	6	14	N	Y	N	N	Y	N	N	N	OPPOS between Down Slow line and Up Slow line 05m 35ch to 05m 60ch
SO500	SNS	Streatham North Jn – Streatham South Jn via Reversible Fast Spur	6	16	6	35	N	N	N	N	Y	N	N	N	
SO500	SLJ	Streatham North Jn – Streatham South Jn via Slow Spurs	6	14	6	38	N	N	N	N	Y	N	N	N	
SO500	VTB1	Streatham North Jn – Selhurst Jn	6	14	9	43	N	Y	N	N	Y	N	N	N	
SO500	WCS	Selhurst Jn – Gloucester Road Jn	9	44	9	62	N	N	N	N	Y	N	N	N	

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Line of route	ELR	Line of Route / Sector Description	00	00	00	00	MK1	MK2	MK3	MK3 (MOD)	MK3 DVT	MK3 DVT (MOD)	MK4	Notes
			M	Ch	M	Ch								
SO290	NKL	Charlton – Slade Green Jn	7	44	15	36	Y	Y	N	N	N	N	N	
SO290	NKL	Slade Green Jn – Crayford Creek Jn	15	36	15	66	Y	Y	N	N	N	N	N	
SO290	NKL	Crayford Creek Jn – Crayford Spur 'A' Jn	15	66	16	42	Y	Y	N	N	N	N	N	
SO290	NKL	Crayford Spur 'A' Jn – Dartford Jn	16	42	16	75	Y	Y	N	N	N	N	N	
SO300	BEX	Lewisham Jn – Blackheath Jn	5	74	7	14	Y	Y	N	N	N	N	N	
SO300	BTC	Blackheath Jn – Charlton Jn	7	14	8	67	Y	Y	N	N	N	N	N	
SO300	BEX	Blackheath Jn – Perry Street Fork Jn	7	14	15	07	Y	Y	N	N	N	N	N	
SO300	PSF	Perry Street Fork Jn – Slade Green Jn	15	07	15	31	Y	Y	N	N	N	N	N	
SO300	BEX	Perry Street Fork Jn – Crayford Creek Jn	15	07	15	66	Y	Y	N	N	N	N	N	
SO310	HDR	Hither Green Jn (SO290) – Lee Loop Jn	7	16	7	29	Y	Y	N	N	N	N	N	
SO310	LEE	Lee Loop Jn – Lee Spur Jn	0	00	0	29	Y	Y	N	N	N	N	N	
SO310	HDR	Lee Loop Jn – Lee	7	29	7	66	Y	Y	N	N	N	N	N	
SO310	HDR	Lee – Crayford Spur 'B' Jcn	7	66	16	11	Y	Y	N	N	N	N	N	
SO310	CRA	Crayford Spur 'B' Jn – Crayford Spur 'A' Jn	16	11	16	43	Y	Y	N	N	N	N	N	
SO310	HDR	Crayford Spur 'B' Jcn – Dartford Jn	16	11	16	75	Y	Y	N	N	N	N	N	
SO310	HDR	Dartford Jn – Hoo Jn	16	75	27	19	Y	Y	N	N	N	N	N	
SO310	HDR	Hoo Jn – Strood Jn	27	19	31	16	Y	Y	N	N	N	N	N	
SO310	HDR	Strood Jn – Rochester Bridge Jn	31	16	31	34	Y	Y	N	N	N	N	N	
SO310	PWS2	Strood Jn – Maidstone West Change of Mileage	31	16	42	41	Y	Y	N	N	N	N	N	
SO320	HTG	Hoo Jn – Grain LC and Sidings beyond	27	19	38	22	Y	Y	N	N	N	N	N	
SO330	NTL	Nunhead Jn (SO260) – Lewisham Jn	6	09	7	58	Y	Y	Y	N	N	N	N	

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Line of route	ELR	Line of Route / Sector Description	oo	oo	oo	oo	MK1	MK2	MK3	MK3 (MOD)	MK3 DVT	MK3 DVT (MOD)	MK4	Notes
			M	Ch	M	Ch								
SO330	LVT	Tanners Hill Jn (SO130) – Lewisham Jn	5	29	5	55	Y	Y	N	N	N	N	N	
SO330	BEX	St Johns Jn (SO130) – Lewisham Jn	5	54	5	74	Y	Y	N	N	N	N	N	
SO330	LCH	Lewisham Jn – Courthill Loop North Jn	5	72	6	21	Y	Y	N	N	N	N	N	
SO330	NCS	Courthill Loop North Jn – Courthill Loop South Jn	6	21	6	43	Y	Y	N	N	N	N	N	
SO330	LCH	Courthill Loop North Jn – Ladywell Jn	6	21	6	41	Y	Y	N	N	N	N	N	
SO330	LCH	Ladywell Jn – New Beckenham Jn	6	41	9	51	Y	Y	N	N	N	N	N	
SO330	NBB	New Beckenham Jn – Beckenham Jn	9	51	10	04	Y	Y	N	N	N	N	N	
SO330	LCH	New Beckenham Jn – Hayes	9	51	14	32	Y	Y	N	N	N	N	N	
SO350	BNG	Grove Park (SO130) – Bromley North	8	87	10	47	Y	Y	N	N	N	N	N	
SO500	VTB1	Victoria platforms 9-19 – Battersea Pier Jn	0	00	0	71	Y	Y	Y	N	N	N	N	
SO500	VTB1	Battersea Pier Jn – Battersea Park Jn	0	71	1	13	Y	Y	Y	N	N	N	N	
SO500	VTB1	Battersea Park Jn – Pouparts Jn	1	13	2	03	Y	Y	Y	N	N	N	N	
SO500	VTB1	Pouparts Jn – Falcon Jn	2	03	2	66	Y	Y	Y	N	N	N	N	
SO500	WLL	Falcon Jn – Latchmere No1 Jn via Clapham Jn platforms 16 and 17	0	00	0	63	Y	Y	N	N	N	N	N	
SO500	VTB1	Falcon Jn – Balham Jn	2	66	4	69	Y	Y	Y	N	N	N	N	
SO500	VTB1	Balham Jn – Streatham North Jn	4	69	6	14	Y	Y	Y	N	N	N	N	
SO500	SNS	Streatham North Jn – Streatham South Jn via Reversible Fast Spur	6	16	6	35	Y	Y	Y	N	N	N	N	
SO500	SLJ	Streatham North Jn – Streatham South Jn via Slow Spurs	6	14	6	38	Y	Y	Y	N	N	N	N	
SO500	VTB1	Streatham North Jn – Selhurst Jn	6	14	9	43	Y	Y	R1	N	N	N	N	R1 20mph Selhurst platform 4 Up Fast Victoria line
SO500	WCS	Selhurst Jn – Gloucester Road Jn	9	44	9	62	Y	Y	Y	N	N	N	N	
SO500	VTB1	Selhurst Jn – Windmill Bridge Jn	9	43	10	12	Y	Y	Y	N	N	N	N	
SO500	VTB2	Windmill Bridge Jn – South Croydon Jn	9	69	11	29	Y	Y	Y	N	N	N	N	
SO500	VTB2	South Croydon Jn – Stoats Nest Jn	11	29	14	20	Y	Y	Y	N	N	N	N	
SO500	RED1/2	Stoats Nest Jn – Redhill	14	20	22	40	Y	Y	Y	N	N	N	N	
SO500	RED1/2	Redhill – Change of Mileage (Redhill / Slow lines) Via Redhill	22	40	23	00	Y	Y	Y	N	N	N	N	
SO500	VTB2	Stoats Nest Jn – Change of Mileage (Quarry / Fast lines)	14	20	23	21	Y	Y	Y	N	N	N	N	

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Line of route	ELR	Line of Route / Sector Description	00	00	00	00	RA	08	09	20	31/1 31/6	31/4	33	37/0 37/3 37/4 37/6	Notes
			M	Ch	M	Ch									
SO280	BMJ	Blackfriars Jn – Metropolitan Jn	0	63	1	14	8	Y	Y	Y	Y	Y	Y	R1	R1 Route prohibited to Class 37 locomotives fitted with roof mounted horns
SO280	HHH	Blackfriars Jn – Loughborough Jn	0	63	3	36	8	Y	Y	Y	Y	Y	Y	R1	R1 Route prohibited to Class 37 locomotives fitted with roof mounted horns
SO280	LTC	Loughborough Jn – Cambria Jn	3	34	3	62	8	Y	Y	Y	Y	Y	Y	Y	
SO280	LOC	Loughborough Jn – Canterbury Road Jn	3	39	3	79	8	Y	Y	Y	Y	Y	Y	Y	
SO280	HHH	Loughborough Jn – Herne Hill North Jn	3	36	4	30	8	Y	Y	Y	Y	Y	Y	R1	R1 Route prohibited to Class 37 locomotives fitted with roof mounted horns
SO290	NKL	North Kent East Jn (SO130) – Charlton Jn	4	25	7	35	6	Y	Y	Y	Y	Y	Y	Y	
SO290	NKL	Charlton Jn – Charlton	7	35	7	44	8	Y	Y	Y	Y	Y	Y	Y	
SO290	NKL	Charlton – Slade Green Jn	7	44	15	36	8	Y	Y	Y	Y	Y	Y	Y	
SO290	NKL	Slade Green Jn – Crayford Creek Jn	15	36	15	66	8	Y	Y	Y	Y	Y	Y	Y	
SO290	NKL	Crayford Creek Jn – Crayford Spur 'A' Jn	15	66	16	42	8	Y	Y	Y	Y	Y	Y	Y	
SO290	NKL	Crayford Spur 'A' Jn – Dartford Jn	16	42	16	75	8	Y	Y	Y	Y	Y	Y	Y	
SO300	BEX	Lewisham Jn – Blackheath Jn	5	74	7	14	8	Y	Y	Y	Y	Y	Y	Y	
SO300	BTC	Blackheath Jn – Charlton Jn	7	14	8	67	8	Y	Y	Y	Y	Y	Y	Y	
SO300	BEX	Blackheath Jn – Perry Street Fork Jn	7	14	15	07	8	Y	Y	Y	Y	Y	Y	Y	
SO300	PSF	Perry Street Fork Jn – Slade Green Jn	15	07	15	31	8	Y	Y	Y	Y	Y	Y	Y	
SO300	BEX	Perry Street Fork Jn – Crayford Creek Jn	15	07	15	66	8	Y	Y	Y	Y	Y	Y	Y	
SO310	HDR	Hither Green Jn (SO290) – Lee Loop Jn	7	16	7	29	8	Y	Y	Y	Y	Y	Y	Y	
SO310	LEE	Lee Loop Jn – Lee Spur Jn	0	00	0	29	8	Y	Y	Y	Y	Y	Y	Y	
SO310	HDR	Lee Loop Jn – Lee	7	29	7	66	8	Y	Y	Y	Y	Y	Y	Y	
SO310	HDR	Lee – Crayford Spur 'B' Jcn	7	66	16	11	8	Y	Y	Y	Y	Y	Y	Y	
SO310	CRA	Crayford Spur 'B' Jn – Crayford Spur 'A' Jn	16	11	16	43	8	Y	Y	Y	Y	Y	Y	Y	
SO310	HDR	Crayford Spur 'B' Jcn – Dartford Jn	16	11	16	75	8	Y	Y	Y	Y	Y	Y	Y	
SO310	HDR	Dartford Jn – Hoo Jn	16	75	27	19	8	Y	Y	Y	Y	Y	Y	Y	

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Line of route	ELR	Line of Route / Sector Description	00	00	00	00	RA	08	09	20	31/1 31/6	31/4	33	37/0 37/3 37/4 37/6	Notes
			M	Ch	M	Ch									
SO310	HDR	Hoo Jn – Strood Jn	27	19	31	16	8	Y	Y	Y	Y	Y	Y	Y	
SO310	HDR	Strood Jn – Rochester Bridge Jn	31	16	31	34	8	Y	Y	Y	Y	Y	Y	Y	
SO310	PWS2	Strood Jn – Maidstone West Change of Mileage	31	16	42	41	8	Y	Y	Y	Y	Y	Y	Y	
SO320	HTG	Hoo Jn – Grain LC and Sidings beyond	27	19	38	22	8	Y	Y	Y	Y	Y	Y	Y	
SO330	NTL	Nunhead Jn (SO260) – Lewisham Jn	6	09	7	58	8	Y	Y	Y	Y	Y	Y	Y	
SO330	LVT	Tanners Hill Jn (SO130) – Lewisham Jn	5	29	5	55	8	Y	Y	Y	Y	Y	Y	Y	
SO330	BEX	St Johns Jn (SO130) – Lewisham Jn	5	54	5	74	8	Y	Y	Y	Y	Y	Y	Y	
SO330	LCH	Lewisham Jn – Courthill Loop North Jn	5	72	6	21	8	Y	Y	Y	Y	Y	Y	Y	
SO330	NCS	Courthill Loop North Jn – Courthill Loop South Jn	6	21	6	43	8	Y	Y	Y	Y	Y	Y	Y	
SO330	LCH	Courthill Loop North Jn – Ladywell Jn	6	21	6	41	8	Y	Y	Y	Y	Y	Y	Y	
SO330	LCH	Ladywell Jn – New Beckenham Jn	6	41	9	51	8	Y	Y	Y	Y	Y	Y	Y	
SO330	NBB	New Beckenham Jn – Beckenham Jn	9	51	10	04	8	Y	Y	Y	Y	Y	Y	Y	
SO330	LCH	New Beckenham Jn – Hayes	9	51	14	32	4	R1	R1	R1	R1	R1	R1	R1	R1 40mph over Bridge 711 (12m 43ch)
SO350	BNG	Grove Park (SO130) – Bromley North	8	87	10	47	8	Y	Y	Y	Y	Y	Y	Y	
SO500	VTB1	Victoria platforms 9-19 – Battersea Pier Jn	0	00	0	71	8	Y	Y	Y	Y	Y	Y	Y	
SO500	VTB1	Battersea Pier Jn – Battersea Park Jn	0	71	1	13	8	Y	Y	Y	Y	Y	Y	Y	
SO500	VTB1	Battersea Park Jn – Pouparts Jn	1	13	2	03	8	Y	Y	Y	Y	Y	Y	Y	
SO500	VTB1	Pouparts Jn – Falcon Jn	2	03	2	66	8	Y	Y	Y	Y	Y	Y	Y	
SO500	WLL	Falcon Jn – Latchmere No1 Jn via Clapham Jn platforms 16 and 17	0	00	0	63	8	Y	Y	Y	Y	Y	Y	Y	
SO500	VTB1	Falcon Jn – Balham Jn	2	66	4	69	8	Y	Y	Y	Y	Y	Y	Y	
SO500	VTB1	Balham Jn – Streatham North Jn	4	69	6	14	8	Y	Y	Y	Y	Y	Y	Y	
SO500	SNS	Streatham North Jn – Streatham South Jn via Reversible Fast Spur	6	16	6	35	8	Y	Y	Y	Y	Y	Y	Y	
SO500	SLJ	Streatham North Jn – Streatham South Jn via Slow Spurs	6	14	6	38	8	Y	Y	Y	Y	Y	Y	Y	
SO500	VTB1	Streatham North Jn – Selhurst Jn	6	14	9	43	8	Y	Y	Y	Y	Y	Y	Y	
SO500	WCS	Selhurst Jn – Gloucester Road Jn	9	44	9	62	8	Y	Y	Y	Y	Y	Y	Y	
SO500	VTB1	Selhurst Jn – Windmill Bridge Jn	9	43	10	12	8	Y	Y	Y	Y	Y	Y	Y	

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Line of route	ELR	Line of Route / Sector Description	00	00	00	00	RA	37/5	37/7 37/9	43	47/2	47/4	47/7	56	Notes
			M	Ch	M	Ch									
SO290	NKL	Crayford Creek Jn – Crayford Spur 'A' Jn	15	66	16	42	8	Y	Y	N	Y	Y	Y	Y	
SO290	NKL	Crayford Spur 'A' Jn – Dartford Jn	16	42	16	75	8	Y	Y	N	Y	Y	Y	Y	
SO300	BEX	Lewisham Jn – Blackheath Jn	5	74	7	14	8	Y	Y	N	Y	Y	Y	Y	
SO300	BTC	Blackheath Jn – Charlton Jn	7	14	8	67	8	Y	Y	N	Y	Y	Y	Y	
SO300	BEX	Blackheath Jn – Perry Street Fork Jn	7	14	15	07	8	Y	Y	N	Y	Y	Y	Y	
SO300	PSF	Perry Street Fork Jn – Slade Green Jn	15	07	15	31	8	Y	Y	N	Y	Y	Y	Y	
SO300	BEX	Perry Street Fork Jn – Crayford Creek Jn	15	07	15	66	8	Y	Y	N	Y	Y	Y	Y	
SO310	HDR	Hither Green Jn (SO290) – Lee Loop Jn	7	16	7	29	8	Y	Y	N	Y	Y	Y	Y	
SO310	LEE	Lee Loop Jn – Lee Spur Jn	0	00	0	29	8	Y	Y	N	Y	Y	Y	Y	
SO310	HDR	Lee Loop Jn – Lee	7	29	7	66	8	Y	Y	N	Y	Y	Y	Y	
SO310	HDR	Lee – Crayford Spur 'B' Jcn	7	66	16	11	8	Y	Y	N	Y	Y	Y	Y	
SO310	CRA	Crayford Spur 'B' Jn – Crayford Spur 'A' Jn	16	11	16	43	8	Y	Y	N	Y	Y	Y	Y	
SO310	HDR	Crayford Spur 'B' Jcn – Dartford Jn	16	11	16	75	8	Y	Y	N	Y	Y	Y	Y	
SO310	HDR	Dartford Jn – Hoo Jn	16	75	27	19	8	Y	Y	N	Y	Y	Y	Y	
SO310	HDR	Hoo Jn – Strood Jn	27	19	31	16	8	Y	Y	N	Y	Y	Y	Y	
SO310	HDR	Strood Jn – Rochester Bridge Jn	31	16	31	34	8	Y	Y	N	Y	Y	Y	Y	
SO310	PWS2	Strood Jn – Maidstone West Change of Mileage	31	16	42	41	8	Y	Y	N	Y	Y	Y	Y	
SO320	HTG	Hoo Jn – Grain LC and Sidings beyond	27	19	38	22	8	Y	Y	N	Y	Y	Y	Y	
SO330	NTL	Nunhead Jn (SO260) – Lewisham Jn	6	09	7	58	8	Y	Y	N	Y	Y	Y	Y	
SO330	LVT	Tanners Hill Jn (SO130) – Lewisham Jn	5	29	5	55	8	Y	Y	N	Y	Y	Y	Y	
SO330	BEX	St Johns Jn (SO130) – Lewisham Jn	5	54	5	74	8	Y	Y	N	Y	Y	Y	Y	
SO330	LCH	Lewisham Jn – Courthill Loop North Jn	5	72	6	21	8	Y	Y	N	Y	Y	Y	Y	
SO330	NCS	Courthill Loop North Jn – Courthill Loop South Jn	6	21	6	43	8	Y	Y	N	Y	Y	Y	Y	
SO330	LCH	Courthill Loop North Jn – Ladywell Jn	6	21	6	41	8	Y	Y	N	Y	Y	Y	Y	
SO330	LCH	Ladywell Jn – New Beckenham Jn	6	41	9	51	8	Y	Y	N	Y	Y	Y	Y	
SO330	NBB	New Beckenham Jn – Beckenham Jn	9	51	10	04	8	Y	Y	N	Y	Y	Y	Y	
SO330	LCH	New Beckenham Jn – Hayes	9	51	14	32	4	R1	R1	N	R1	R1	R1	R1	R1 40mph over Bridge 711 (12m 43ch)
SO350	BNG	Grove Park (SO130) – Bromley North	8	87	10	47	8	Y	Y	N	Y	Y	Y	Y	

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Line of route	ELR	Line of Route / Sector Description	00	00	00	00	RA	37/5	37/7 37/9	43	47/2	47/4	47/7	56	Notes
			M	Ch	M	Ch									
SO500	VTB1	Victoria platforms 9-19 – Battersea Pier Jn	0	00	0	71	8	Y	Y	N	Y	Y	Y	Y	
SO500	VTB1	Battersea Pier Jn – Battersea Park Jn	0	71	1	13	8	Y	Y	N	Y	Y	Y	Y	
SO500	VTB1	Battersea Park Jn – Pouparts Jn	1	13	2	03	8	Y	Y	N	Y	Y	Y	Y	
SO500	VTB1	Pouparts Jn – Falcon Jn	2	03	2	66	8	Y	Y	N	Y	Y	Y	Y	
SO500	WLL	Falcon Jn – Latchmere No1 Jn via Clapham Jn platforms 16 and 17	0	00	0	63	8	Y	Y	N	Y	Y	Y	Y	
SO500	VTB1	Falcon Jn – Balham Jn	2	66	4	69	8	Y	Y	N	Y	Y	Y	Y	
SO500	VTB1	Balham Jn – Streatham North Jn	4	69	6	14	8	Y	Y	N	Y	Y	Y	Y	
SO500	SNS	Streatham North Jn – Streatham South Jn via Reversible Fast Spur	6	16	6	35	8	Y	Y	N	Y	Y	Y	Y	
SO500	SLJ	Streatham North Jn – Streatham South Jn via Slow Spurs	6	14	6	38	8	Y	Y	N	Y	Y	Y	Y	
SO500	VTB1	Streatham North Jn – Selhurst Jn	6	14	9	43	8	Y	Y	N	Y	Y	Y	Y	
SO500	WCS	Selhurst Jn – Gloucester Road Jn	9	44	9	62	8	Y	Y	N	Y	Y	Y	Y	
SO500	VTB1	Selhurst Jn – Windmill Bridge Jn	9	43	10	12	8	Y	Y	N	Y	Y	Y	Y	
SO500	VTB2	Windmill Bridge Jn – South Croydon Jn	9	69	11	29	8	Y	Y	N	Y	Y	Y	Y	
SO500	VTB2	South Croydon Jn – Stoats Nest Jn	11	29	14	20	8	Y	Y	N	Y	Y	Y	Y	SO500
SO500	RED1/2	Stoats Nest Jn – Redhill	14	20	22	40	8	Y	Y	N	Y	Y	Y	Y	
SO500	RED1/2	Redhill – Change of Mileage (Redhill / Slow lines) Via Redhill	22	40	23	00	8	Y	Y	N	Y	Y	Y	Y	
SO500	VTB2	Stoats Nest Jn – Change of Mileage (Quarry / Fast lines)	14	20	23	21	8	Y	Y	N	Y	Y	Y	Y	
SO500	VTB3	Change of Mileage (Quarry / Fast lines) – Three Bridges	21	15	29	21	8	Y	Y	N	Y	Y	Y	Y	
SO500	VTB3	Three Bridges – Copyhold Jn	29	21	36	73	8	Y	Y	N	Y	Y	Y	Y	
SO500	CJA1	Copyhold Jn – Change of Mileage	36	73	36	33	8	Y	Y	N	Y	Y	Y	Y	
SO500	CJA2	Change of Mileage – Ardingly Sidings	0	00	0	70	8	Y	Y	N	Y	Y	Y	Y	
SO500	VTB3	Copyhold Jn – Keymer Jn	36	73	40	69	8	Y	Y	N	Y	Y	Y	Y	
SO500	VTB3	Keymer Jn – Preston Park Jn	40	69	49	43	8	Y	Y	N	Y	Y	Y	Y	
SO500	PPH	Preston Park Jn – Hove Jn	49	21	50	44	8	Y	Y	N	Y	Y	Y	Y	
SO500	VTB3	Preston Park Jn – Brighton	49	43	50	49	8	Y	Y	N	Y	Y	Y	Y	

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Line of route	ELR	Line of Route / Sector Description	00	00	00	00	RA	57	58	59	60	66	67	68	70	73	97/3	Notes
			M	Ch	M	Ch												
SO280	LOC	Loughborough Jn – Canterbury Road Jn	3	39	3	79	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO280	HHH	Loughborough Jn – Herne Hill North Jn	3	36	4	30	8	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	
SO290	NKL	North Kent East Jn (SO130) – Charlton Jn	4	25	7	35	6	N	N	N	N	N	N	N	N	Y	Y	
SO290	NKL	Charlton Jn – Charlton	7	35	7	44	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO290	NKL	Charlton – Slade Green Jn	7	44	15	36	8	Y	Y	Y	Y	Y	Y	Y	R1 R2	Y	Y	R1 Prohibited between Charlton and Plumstead R2 - 5mph Greens End, General Gordon, New Road, & Baking Hall Bridge No.594,594A, 595 & 596 between Woolwich Dockyard Station and Woolwich Arsenal Station Up and Down North Kent line (09m 26ch)
	NKL	Slade Green Jn – Crayford Creek Jn	15	36	15	66	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO290	NKL	Crayford Creek Jn – Crayford Spur 'A' Jn	15	66	16	42	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO290	NKL	Crayford Spur 'A' Jn – Dartford Jn	16	42	16	75	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO300	BEX	Lewisham Jn – Blackheath Jn	5	74	7	14	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO300	BTC	Blackheath Jn – Charlton Jn	7	14	8	67	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO300	BEX	Blackheath Jn – Perry Street Fork Jn	7	14	15	07	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO300	PSF	Perry Street Fork Jn – Slade Green Jn	15	07	15	31	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO300	BEX	Perry Street Fork Jn – Crayford Creek Jn	15	07	15	66	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO310	HDR	Hither Green Jn (SO290) – Lee Loop Jn	7	16	7	29	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO310	LEE	Lee Loop Jn – Lee Spur Jn	0	00	0	29	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO310	HDR	Lee Loop Jn – Lee	7	29	7	66	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO310	HDR	Lee – Crayford Spur 'B' Jcn	7	66	16	11	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO310	CRA	Crayford Spur 'B' Jn – Crayford Spur 'A' Jn	16	11	16	43	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO310	HDR	Crayford Spur 'B' Jcn – Dartford Jn	16	11	16	75	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO310	HDR	Dartford Jn – Hoo Jn	16	75	27	19	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO310	HDR	Hoo Jn – Strood Jn	27	19	31	16	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO310	HDR	Strood Jn – Rochester Bridge Jn	31	16	31	34	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO310	PWS2	Strood Jn – Maidstone West Change of Mileage	31	16	42	41	8	Y	Y	Y	Y	Y	Y	R1	R1	Y	Y	R1 Prohibited Down Main line between Halling and Snodland
SO320	HTG	Hoo Jn – Grain LC and Sidings beyond	27	19	38	22	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO330	NTL	Nunhead Jn (SO260) – Lewisham Jn	6	09	7	58	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO330	LVT	Tanners Hill Jn (SO130) – Lewisham Jn	5	29	5	55	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	

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Line of route	ELR	Line of Route / Sector Description	00	00	00	00	RA	57	58	59	60	66	67	68	70	73	97/3	Notes
			M	Ch	M	Ch												
SO330	BEX	St Johns Jn (SO130) – Lewisham Jn	5	54	5	74	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO330	LCH	Lewisham Jn – Courthill Loop North Jn	5	72	6	21	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO330	NCS	Courthill Loop North Jn – Courthill Loop South Jn	6	21	6	43	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO330	LCH	Courthill Loop North Jn – Ladywell Jn	6	21	6	41	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO330	LCH	Ladywell Jn – New Beckenham Jn	6	41	9	51	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO330	NBB	New Beckenham Jn – Beckenham Jn	9	51	10	04	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO330	LCH	New Beckenham Jn – Hayes	9	51	14	32	4	R1	R1	R1	R1	R1	R1	N	R1	R1	R1	R1 40mph over Bridge 711 (12m 43ch)
SO350	BNG	Grove Park (SO130) – Bromley North	8	87	10	47	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO500	VTB1	Victoria platforms 9-19 – Battersea Pier Jn	0	00	0	71	8	Y	Y	Y	Y	Y	Y	R1	Y	Y	Y	
SO500	VTB1	Battersea Pier Jn – Battersea Park Jn	0	71	1	13	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO500	VTB1	Battersea Park Jn – Poupart Jn	1	13	2	03	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO500	VTB1	Poupart Jn – Falcon Jn	2	03	2	66	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO500	WLL	Falcon Jn – Latchmere No1 Jn via Clapham Jn platforms 16 and 17	0	00	0	63	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO500	VTB1	Falcon Jn – Balham Jn	2	66	4	69	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO500	VTB1	Balham Jn – Streatham North Jn	4	69	6	14	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO500	SNS	Streatham North Jn – Streatham South Jn via Reversible Fast Spur	6	16	6	35	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO500	SLJ	Streatham North Jn – Streatham South Jn via Slow Spurs	6	14	6	38	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO500	VTB1	Streatham North Jn – Selhurst Jn	6	14	9	43	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO500	WCS	Selhurst Jn – Gloucester Road Jn	9	44	9	62	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO500	VTB1	Selhurst Jn – Windmill Bridge Jn	9	43	10	12	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO500	VTB2	Windmill Bridge Jn – South Croydon Jn	9	69	11	29	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO500	VTB2	South Croydon Jn – Stoats Nest Jn	11	29	14	20	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO500	RED1/2	Stoats Nest Jn – Redhill	14	20	22	40	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO500	RED1/2	Redhill – Change of Mileage (Redhill / Slow lines) Via Redhill	22	40	23	00	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SO500	VTB2	Stoats Nest Jn – Change of Mileage (Quarry / Fast lines)	14	20	23	21	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	

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Line of route	ELR	Line of Route / Sector Description	00	00	00	00	RA	86	87	88	90	91	92	Notes
			M	Ch	M	Ch								
SO280	HHH	Loughborough Jn – Herne Hill North Jn	3	36	4	30	8	N	N	Y	N	N	N	
SO290	NKL	North Kent East Jn (SO130) – Charlton Jn	4	25	7	35	6	N	N	N	N	N	N	
SO290	NKL	Charlton Jn – Charlton	7	35	7	44	8	N	N	Y	N	N	N	
SO290	NKL	Charlton – Slade Green Jn	7	44	15	36	8	N	N	Y	N	N	N	
SO290	NKL	Slade Green Jn – Crayford Creek Jn	15	36	15	66	8	N	N	Y	N	N	N	
SO290	NKL	Crayford Creek Jn – Crayford Spur 'A' Jn	15	66	16	42	8	N	N	Y	N	N	N	
SO290	NKL	Crayford Spur 'A' Jn – Dartford Jn	16	42	16	75	8	N	N	Y	N	N	N	
SO300	BEX	Lewisham Jn – Blackheath Jn	5	74	7	14	8	N	N	Y	N	N	N	
SO300	BTC	Blackheath Jn – Charlton Jn	7	14	8	67	8	N	N	Y	N	N	N	
SO300	BEX	Blackheath Jn – Perry Street Fork Jn	7	14	15	07	8	N	N	Y	N	N	N	
SO300	PSF	Perry Street Fork Jn – Slade Green Jn	15	07	15	31	8	N	N	Y	N	N	N	
SO300	BEX	Perry Street Fork Jn – Crayford Creek Jn	15	07	15	66	8	N	N	Y	N	N	N	
SO310	HDR	Hither Green Jn (SO290) – Lee Loop Jn	7	16	7	29	8	N	N	Y	N	N	N	
SO310	LEE	Lee Loop Jn – Lee Spur Jn	0	00	0	29	8	N	N	Y	N	N	N	
SO310	HDR	Lee Loop Jn – Lee	7	29	7	66	8	N	N	Y	N	N	N	
SO310	HDR	Lee – Crayford Spur 'B' Jcn	7	66	16	11	8	N	N	Y	N	N	N	
SO310	CRA	Crayford Spur 'B' Jn – Crayford Spur 'A' Jn	16	11	16	43	8	N	N	Y	N	N	N	
SO310	HDR	Crayford Spur 'B' Jcn – Dartford Jn	16	11	16	75	8	N	N	Y	N	N	N	
SO310	HDR	Dartford Jn – Hoo Jn	16	75	27	19	8	N	N	Y	N	N	N	
SO310	HDR	Hoo Jn – Strood Jn	27	19	31	16	8	N	N	Y	N	N	N	
SO310	HDR	Strood Jn – Rochester Bridge Jn	31	16	31	34	8	N	N	Y	N	N	N	
SO310	PWS2	Strood Jn – Maidstone West Change of Mileage	31	16	42	41	8	N	N	R1 R2	N	N	N	R1 Prohibited Strood - Halling on the Up R2 Prohibited Halling - Snodland on the Down
SO320	HTG	Hoo Jn – Grain LC and Sidings beyond	27	19	38	22	8	N	N	Y	N	N	N	
SO330	NTL	Nunhead Jn (SO260) – Lewisham Jn	6	09	7	58	8	N	N	Y	N	N	N	
SO330	LVT	Tanners Hill Jn (SO130) – Lewisham Jn	5	29	5	55	8	N	N	Y	N	N	N	
SO330	BEX	St Johns Jn (SO130) – Lewisham Jn	5	54	5	74	8	N	N	Y	N	N	N	
SO330	LCH	Lewisham Jn – Courthill Loop North Jn	5	72	6	21	8	N	N	Y	N	N	N	

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Line of route	ELR	Line of Route / Sector Description	○○	○○	○○	○○	RA	86	87	88	90	91	92	Notes
			M	Ch	M	Ch								
SO330	NCS	Courthill Loop North Jn – Courthill Loop South Jn	6	21	6	43	8	N	N	Y	N	N	N	
SO330	LCH	Courthill Loop North Jn – Ladywell Jn	6	21	6	41	8	N	N	Y	N	N	N	
SO330	LCH	Ladywell Jn – New Beckenham Jn	6	41	9	51	8	N	N	Y	N	N	N	
SO330	NBB	New Beckenham Jn – Beckenham Jn	9	51	10	04	8	N	N	Y	N	N	N	
SO330	LCH	New Beckenham Jn – Hayes	9	51	14	32	4	N	N	N	N	N	N	
SO350	BNG	Grove Park (SO130) – Bromley North	8	87	10	47	8	N	N	Y	N	N	N	
SO500	VTB1	Victoria platforms 9-19 – Battersea Pier Jn	0	00	0	71	8	N	N	R1	N	N	N	R1 Prohibited Victoria platform 19
SO500	VTB1	Battersea Pier Jn – Battersea Park Jn	0	71	1	13	8	N	N	Y	N	N	N	
SO500	VTB1	Battersea Park Jn – Pouparts Jn	1	13	2	03	8	N	N	Y	N	N	N	
SO500	VTB1	Pouparts Jn – Falcon Jn	2	03	2	66	8	N	N	Y	N	N	N	
SO500	WLL	Falcon Jn – Latchmere No1 Jn via Clapham Jn platforms 16 and 17	0	00	0	63	8	N	N	Y	N	N	N	
SO500	VTB1	Falcon Jn – Balham Jn	2	66	4	69	8	N	N	Y	N	N	N	
SO500	VTB1	Balham Jn – Streatham North Jn	4	69	6	14	8	N	N	Y	N	N	N	
SO500	SNS	Streatham North Jn – Streatham South Jn via Reversible Fast Spur	6	16	6	35	8	N	N	Y	N	N	N	
SO500	SLJ	Streatham North Jn – Streatham South Jn via Slow Spurs	6	14	6	38	8	N	N	Y	N	N	N	
SO500	VTB1	Streatham North Jn – Selhurst Jn	6	14	9	43	8	N	N	Y	N	N	N	
SO500	WCS	Selhurst Jn – Gloucester Road Jn	9	44	9	62	8	N	N	Y	N	N	N	
SO500	VTB1	Selhurst Jn – Windmill Bridge Jn	9	43	10	12	8	N	N	Y	N	N	N	
SO500	VTB2	Windmill Bridge Jn – South Croydon Jn	9	69	11	29	8	N	N	Y	N	N	N	
SO500	VTB2	South Croydon Jn – Stoats Nest Jn	11	29	14	20	8	N	N	Y	N	N	N	
SO500	RED1/2	Stoats Nest Jn – Redhill	14	20	22	40	8	N	N	Y	N	N	N	
SO500	RED1/2	Redhill – Change of Mileage (Redhill / Slow lines) Via Redhill	22	40	23	00	8	N	N	Y	N	N	N	
SO500	VTB2	Stoats Nest Jn – Change of Mileage (Quarry / Fast lines)	14	20	23	21	8	N	N	Y	N	N	N	
SO500	VTB3	Change of Mileage (Quarry / Fast lines) – Three Bridges	21	15	29	21	8	N	N	Y	N	N	N	
SO500	VTB3	Three Bridges – Copyhold Jn	29	21	36	73	8	N	N	Y	N	N	N	
SO500	CJA1	Copyhold Jn – Change of Mileage	36	73	36	33	8	N	N	Y	N	N	N	
SO500	CJA2	Change of Mileage – Ardingly Sidings	0	00	0	70	8	N	N	Y	N	N	N	
SO500	VTB3	Copyhold Jn – Keymer Jn	36	73	40	69	8	N	N	Y	N	N	N	

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Line of route	ELR	Line of Route / Sector Description	00	00	00	00	RA	Loco Gauge	Notes
			M	Ch	M	Ch			
SO300	BTC	Blackheath Jn – Charlton Jn	7	14	8	67	8	R1 R2	R1 Prohibited between Blackheath Jn and Angerstein Jn on the Down North Kent line R2 Prohibited between Blackheath Jn and Angerstein Jn on the Up North Kent line
SO300	BEX	Blackheath Jn – Perry Street Fork Jn	7	14	15	07	8	R1 R2	R1 Prohibited between Falconwood and Welling on the Down Bexleyheath line R2 Prohibited between Bexleyheath and Barnhurst on the Up Bexleyheath line
SO300	PSF	Perry Street Fork Jn – Slade Green Jn	15	07	15	31	8	Y	
SO300	BEX	Perry Street Fork Jn – Crayford Creek Jn	15	07	15	66	8	Y	
SO310	HDR	Hither Green Jn (SO290) – Lee Loop Jn	7	16	7	29	8	Y	
SO310	LEE	Lee Loop Jn – Lee Spur Jn	0	00	0	29	8	Y	
SO310	HDR	Lee Loop Jn – Lee	7	29	7	66	8	Y	
SO310	HDR	Lee – Crayford Spur 'B' Jcn	7	66	16	11	8	Y	
SO310	CRA	Crayford Spur 'B' Jn – Crayford Spur 'A' Jn	16	11	16	43	8	Y	
SO310	HDR	Crayford Spur 'B' Jcn – Dartford Jn	16	11	16	75	8	Y	
SO310	HDR	Dartford Jn – Hoo Jn	16	75	27	19	8	R1	R1 Prohibited Dartford platform 1 (Up Passenger Loop)
SO310	HDR	Hoo Jn – Strood Jn	27	19	31	16	8	Y	
SO310	HDR	Strood Jn – Rochester Bridge Jn	31	16	31	34	8	Y	
SO310	PWS2	Strood Jn – Maidstone West Change of Mileage	31	16	42	41	8	R1 R2	R1 Prohibited between Halling and Snodland on the Down Main line R2 Prohibited between Maidstone Barracks and Maidstone West on the Up Main
SO320	HTG	Hoo Jn – Grain LC and Sidings beyond	27	19	38	22	8	N	
SO330	NTL	Nunhead Jn (SO260) – Lewisham Jn	6	09	7	58	8	Y	
SO330	LVT	Tanners Hill Jn (SO130) – Lewisham Jn	5	29	5	55	8	Y	
SO330	BEX	St Johns Jn (SO130) – Lewisham Jn	5	54	5	74	8	Y	
SO330	LCH	Lewisham Jn – Courthill Loop North Jn	5	72	6	21	8	Y	
SO330	NCS	Courthill Loop North Jn – Courthill Loop South Jn	6	21	6	43	8	Y	
SO330	LCH	Courthill Loop North Jn – Ladywell Jn	6	21	6	41	8	Y	
SO330	LCH	Ladywell Jn – New Beckenham Jn	6	41	9	51	8	Y	
SO330	NBB	New Beckenham Jn – Beckenham Jn	9	51	10	04	8	Y	

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Line of route	ELR	Line of Route / Sector Description	00	00	00	00	RA	Loco Gauge	Notes
			M	Ch	M	Ch			
SO330	LCH	New Beckenham Jn – Hayes	9	51	14	32	4	Y	
SO350	BNG	Grove Park (SO130) – Bromley North	8	87	10	47	8	Y	
SO500	VTB1	Victoria platforms 9-19 – Battersea Pier Jn	0	00	0	71	8	R1	R1 Prohibited Victoria platform 19
SO500	VTB1	Battersea Pier Jn – Battersea Park Jn	0	71	1	13	8	Y	
SO500	VTB1	Battersea Park Jn – Pouparts Jn	1	13	2	03	8	Y	
SO500	VTB1	Pouparts Jn – Falcon Jn	2	03	2	66	8	Y	
SO500	WLL	Falcon Jn – Latchmere No1 Jn via Clapham Jn platforms 16 and 17	0	00	0	63	8	R1	R1 Prohibited Clapham platform 16 (Down West London line)
SO500	VTB1	Falcon Jn – Balham Jn	2	66	4	69	8	Y	
SO500	VTB1	Balham Jn – Streatham North Jn	4	69	6	14	8	Y	
SO500	SNS	Streatham North Jn – Streatham South Jn via Reversible Fast Spur	6	16	6	35	8	Y	
SO500	SLJ	Streatham North Jn – Streatham South Jn via Slow Spurs	6	14	6	38	8	Y	
SO500	VTB1	Streatham North Jn – Selhurst Jn	6	14	9	43	8	Y	
SO500	WCS	Selhurst Jn – Gloucester Road Jn	9	44	9	62	8	Y	
SO500	VTB1	Selhurst Jn – Windmill Bridge Jn	9	43	10	12	8	Y	
SO500	VTB2	Windmill Bridge Jn – South Croydon Jn	9	69	11	29	8	Y	
SO500	VTB2	South Croydon Jn – Stoats Nest Jn	11	29	14	20	8	Y	
SO500	RED1/2	Stoats Nest Jn – Redhill	14	20	22	40	8	R1	R1 Prohibited Redhill Down Post Office Siding
SO500	RED1/2	Redhill – Change of Mileage (Redhill/slow lines) Via Redhill	22	40	23	00	8	Y	
SO500	VTB2	Stoats Nest Jn – Change of Mileage (Quarry / fast lines)	14	20	23	21	8	Y	
SO500	VTB3	Change of Mileage (Quarry / fast lines) – Three Bridges	21	15	29	21	8	R1	R1 Prohibited Earlswood disused platform 4 (Down Fast line)
SO500	VTB3	Three Bridges – Copyhold Jn	29	21	36	73	8	Y	
SO500	CJA1	Copyhold Jn – Change of Mileage	36	73	36	33	8	Y	
SO500	CJA2	Change of Mileage – Ardingly Sidings	0	00	0	70	8	Y	
SO500	VTB3	Copyhold Jn – Keymer Jn	36	73	40	69	8	Y	
SO500	VTB3	Keymer Jn – Preston Park Jn	40	69	49	43	8	R1	R1 Prohibited between Hassocks and Preston Park on the Down Main line
SO500	PPH	Preston Park Jn – Hove Jn	49	21	50	44	8	Y	
SO500	VTB3	Preston Park Jn – Brighton	49	43	50	49	8	Y	R2 Prohibited Brighton platforms 5 with crush deflated suspension R3 OPPOS between Preston Park and Brighton

Table D1A – Route clearance of diesel multiple units

Last Updated: 23/12/2023

To be read in conjunction with General Notes.

Line of route	ELR	Line of Route / Sector Description	0000		0000		121	150	153	156	158	159	165	Notes
			M	Ch	M	Ch								
SW100	JAT	Waterloo platforms 20-24 – International Jn	00	00	0	38	Y	N	N	N	N	N	N	
SW100	RDG1	Waterloo platforms 12-19 – International Jn (Windsor lines)	0	00	0	38	Y	Y	N	N	R1	R1	N	R1 Prohibited Waterloo platform 19
SW100	RDG1	International Jn – Carlisle Lane Jn (Windsor lines)	0	38	0	42	Y	Y	N	N	Y	Y	N	
SW100	RDG1	Carlisle Lane Jn – Nine Elms Jn (Windsor lines)	0	42	2	00	Y	Y	N	N	Y	Y	N	
SW100	BML1	Waterloo platforms 1-11 – International Jn (Main lines)	0	00	0	38	Y	Y	N	N	R1 R2	R1 R2	N	R1 See Local Instructions
SW100	BML1	International Jn – Carlisle Lane Jn (Main lines)	0	38	0	42	Y	Y	N	N	Y	Y	N	
SW100	BML1	Carlisle Lane Jn – Nine Elms Jn (Main lines)	0	42	2	00	Y	Y	N	N	Y	Y	N	
SW100	AHG	Nine Elms Jn – Route Boundary (Kent SO110) (Lindford Street Jn)	2	00	2	44	Y	N	N	N	N	N	N	
SW100	RDG1	Nine Elms Jn – West London Jn (Windsor lines)	2	00	3	17	Y	Y	N	N	Y	Y	N	
SW100	BML1	Nine Elms Jn – Crossovers at 2m 65ch (Main lines)	2	00	2	65	Y	Y	N	N	Y	Y	N	
SW100	BML1	Crossovers at 2m 65 – West London Jn (Main lines)	2	65	3	17	Y	Y	N	N	Y	Y	N	
SW100	SCC	West London Jn – Route Boundary (Sussex SO250) (Lathmere Jn No.3)	3	17	3	30	Y	N	N	N	Y	Y	N	
SW100	RDG1	West London Jn – Ludgate Jn (Windsor lines)	3	17	3	57	Y	Y	N	N	Y	Y	N	

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Line of route	ELR	Line of Route / Sector Description	0000		0000		121	150	153	156	158	159	165	Notes
			M	Ch	M	Ch								
SW100	BML1	West London Jn – Ludgate Jn (Main lines)	3	17	3	57	Y	Y	N	N	Y	Y	N	
SW100	FLL2/3	Route Boundary (Sussex SO250) (Longhedge Jn) – Ludgate Jn	1	77	3	57	Y	N	N	N	N	N	N	
SW100	CJL	Ludgate Jn – Route Boundary (Sussex SO250) (Latchmere Jn No.2)	0	30	0	47	Y	Y	N	N	N	N	N	
SW100	RDG1	Ludgate Jn – Clapham Jn (Windsor lines)	3	57	3	74	Y	R1	N	N	Y	Y	N	R1 Prohibited Clapham platforms 2, 3, 4, 5 and 6
SW100	BML1	Ludgate Jn – Clapham Jn (Main lines)	3	57	3	74	Y	Y	N	N	Y	Y	N	
SW105	BML1	Clapham Jn – Wimbledon platforms 5, 6, 7 and 8	3	74	7	19	Y	Y	N	N	Y	Y	N	
SW105	PPW	Wimbledon North Jn – Wimbledon platforms 1, 2, 3 and 4 (District line)	8	26	8	47	R1	R1	N	N	R1	R1	N	R1 Prohibited Wimbledon platforms 1, 2, and 3
SW105	BML1	Wimbledon platforms 5, 6, 7 and 8 – Wimbledon West Jn	7	19	7	49	Y	Y	N	N	Y	Y	N	
SW105	BML1	Wimbledon West Jn – Hampton Court Jn	7	49	13	27	Y	Y	N	N	Y	Y	N	
SW105	BML1	Hampton Court Jn – Woking	13	27	24	27	Y	Y	N	N	Y	Y	N	
SW105	BML1	Woking – Basingstoke	24	27	47	61	Y	Y	N	N	Y	Y	R1 R2 R3 R4 R5	R1 20mph over bridge 85 (24m 40ch) (Up Fast) (between Woking and Brookwood) R2 40mph over bridge 107b (34m 10ch) (Up Slow) (between Fleet and Farnborough) R3 40mph Winchfield Up Slow platform R4 30mph Brookwood Up Slow platform R5 50mph Winchfield Down Slow platform
SW105	BML1	Basingstoke – Eastleigh West Jn	47	61	73	42	Y	Y	N	Y	Y	Y	N	
SW105	BML1	Eastleigh West Jn – St Denys	73	42	77	10	Y	Y	N	Y	Y	Y	N	
SW105	BML1	St Denys – Northam Jn	77	10	78	15	Y	Y	N	Y	Y	Y	N	

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Line of route	ELR	Line of Route / Sector Description	0000		0000		121	150	153	156	158	159	165	Notes
			M	Ch	M	Ch								
SW105	BML2	Northam Jn – Redbridge Jn	78	15	81	78	Y	R1 R2	R3 R4	Y	Y	Y	N	R1 Prohibited with deflated suspension R2 Prohibited Southampton Central Down Bay Siding and Bay Siding East R3 20mph Southampton Central platform 1 R4 30mph Southampton Central platform 3
SW105	BML2	Redbridge Jn – Worgret Jn	81	78	121	77	Y	R1 R2	N	Y	R3 R4	R3 R4	N	R1 Prohibited between Redbridge and Worgret Jn on the Down line R2 Prohibited between Redbridge and Worgret Jn on the Up line when laden, additionally 10mph through station platforms R3 30mph Totton Up platform 20mph Sway Down platform
SW105	FUR	Worgret Jn – Network Rail Boundary (Swanage Railway)	126	30	129	55	N	N	N	N	Y	Y	N	
SW105	BML2	Worgret Jn – Dorchester Jn	121	77	136	15	Y	E R1 R2 R3	N	Y	Y	Y	N	R1 Prohibited on the Down line R2 10mph through station platforms R3 Prohibited with deflated suspension
SW105	BML3	Dorchester Jn – Weymouth	162	14	168	63	Y	Y	Y	Y	Y	Y	N	
SW110	WPH1	Woking Jn – Guilford	24	62	30	27	Y	N	N	N	R1 R2	R1 R2	R3 R4	R1 15mph Worplesdon Up platform 1 R2 30mph Worplesdon Down platform 2 R3 10mph through Worplesdon R4 Prohibited Guildford platform 1
SW110	WPH1	Guilford – Shalford Jn	30	27	31	42	Y	N	N	N	Y	Y	Y	
SW110	WPH1	Shalford Jn – Haslemere	31	42	42	79	Y	N	N	N	Y	Y	N	
SW110	WPH1	Haslemere – Havant Jn	42	79	66	17	Y	N	N	N	Y	Y	N	
SW110	TBH2	Route Boundary (Sussex SO250) (Barnham) – Havant Jn [Duplicated on SO520]	35	35	37	25	Y	N	N	N	Y	Y	N	
SW110	WPH2	Havant Jn – Farlington Jn [Duplicated on SO520]	37	24	40	33	Y	Y	N	Y	Y	Y	N	

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Line of route	ELR	Line of Route / Sector Description	0000		0000		121	150	153	156	158	159	165	Notes
			M	Ch	M	Ch								
SW110	WPH2	Farlington Jn – Portcreek Jn [Duplicated on SO520]	40	33	41	03	Y	Y	N	Y	Y	Y	N	
SW110	WPH2	Portcreek Jn – Blackfriars Jn [Duplicated on SO520]	41	03	44	50	Y	Y	N	Y	Y	Y	N	
SW110	PAS	Blackfriars Jn – Portsmouth and Southsea Low Level [Duplicated on SO520]	44	26	44	50	Y	Y	N	Y	Y	Y	N	
SW110	WPH2	Blackfriars Jn – Portsmouth and Southsea High Level [Duplicated on SO520]	44	26	44	50	Y	Y	N	Y	Y	Y	N	
SW110	WPH2	Portsmouth and Southsea High Level – Portsmouth Harbour * platforms 4 and 5 RA7 * platforms 1 and 3 RA4 [Duplicated on SO520]	44	50	45	36	Y	Y	N	Y	Y	Y	N	
SW115	BAE1	Worthing Jn – Connection to Ludgershall Branch line	51	15	66	27	Y	N	N	Y	Y	Y	N	
SW115	LUD1	Connection to main Up line (BAE1) – Red Post Jn	66	27	67	61	N	N	N	N	N	N	N	
SW115	LUD2	Red Post Jn – Ludgershall	0	00	5	64	N	N	N	N	N	N	N	
SW115	BAE1	Connection to Ludgershall Branch line – Laverstock North Jn	66	27	82	05	Y	N	N	Y	Y	Y	N	
SW115	LAV	Laverstock North Jn – Laverstock South Jn	82	05	82	39	Y	N	N	Y	Y	Y	N	
SW115	BAE1	Laverstock North Jn – Salisbury Tunnel Jn	82	05	82	36	Y	N	N	Y	Y	Y	N	
SW115	BAE1	Salisbury Tunnel Jn – Fisherton Short Mile Change of Mileage	82	36	83	72	Y	Y	Y	Y	Y	Y	N	
SW115	BAE2	Fisherton Short Mile Change of Mileage – Wilton Jn	84	00	85	37	Y	Y	R1 R2	Y	Y	Y	N	R1 15mph Salisbury platform 3 R2 20mph Salisbury platform 4
SW115	BAE2	Wilton Jn – Gillingham	85	37	105	23	Y	Y	Y	Y	Y	Y	N	
SW115	BAE2	Gillingham – Yeovil Jn	105	23	122	48	Y	Y	Y	Y	Y	Y	N	
SW115	BAE2	Yeovil Jn – Route Boundary (GW610) (Exeter St Davids Jn)	122	48	164	30	Y	Y	Y	Y	Y	Y	N	
SW120	PAA1	Pirbright Jn – Ash Vale Jn	29	39	32	30	Y	N	N	N	N	N	N	

Table D1B – Route clearance of diesel multiple units

Last Updated: 23/12/2023

To be read in conjunction with General Notes.

Line of route	ELR	Line of Route / Sector Description	0000		0000		166	170	171	172	180	220	221	Notes
			M	Ch	M	Ch								
SW100	JAT	Waterloo platforms 20-24 – International Jn	00	00	0	38	N	N	N	N	N	N	N	
SW100	RDG1	Waterloo platforms 12-19 – International Jn (Windsor lines)	0	00	0	38	N	Y	N	N	N	N	N	
SW100	RDG1	International Jn – Carlisle Lane Jn (Windsor lines)	0	38	0	42	N	Y	N	N	N	N	N	
SW100	RDG1	Carlisle Lane Jn – Nine Elms Jn (Windsor lines)	0	42	2	00	N	Y	N	N	N	N	N	
SW100	BML1	Waterloo platforms 1-11 – International Jn (Main lines)	0	00	0	38	N	R1	N	N	N	N	N	R1 Prohibited Waterloo platforms 1, 2, 3 and 4
SW100	BML1	International Jn – Carlisle Lane Jn (Main lines)	0	38	0	42	N	Y	N	N	N	N	N	
SW100	BML1	Carlisle Lane Jn – Nine Elms Jn (Main lines)	0	42	2	00	N	Y	N	N	N	N	N	
SW100	AHG	Nine Elms Jn – Route Boundary (Kent SO110) (Lindford Street Jn)	2	00	2	44	N	N	N	N	N	N	N	
SW100	RDG1	Nine Elms Jn – West London Jn (Windsor lines)	2	00	3	17	N	Y	N	N	N	N	N	
SW100	BML1	Nine Elms Jn – Crossovers at 2m 65ch (Main lines)	2	00	2	65	N	Y	N	N	N	N	N	
SW100	BML1	Crossovers at 2m 65 – West London Jn (Main lines)	2	65	3	17	N	Y	N	N	N	N	N	
SW100	SCC	West London Jn – Route Boundary (Sussex SO250) (Lathmere Jn No.3)	3	17	3	30	N	N	N	N	N	N	N	
SW100	RDG1	West London Jn – Ludgate Jn (Windsor lines)	3	17	3	57	N	Y	N	N	N	N	N	
SW100	BML1	West London Jn – Ludgate Jn (Main lines)	3	17	3	57	N	Y	N	N	N	N	N	

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Line of route	ELR	Line of Route / Sector Description	0000		0000		166	170	171	172	180	220	221	Notes
			M	Ch	M	Ch								
SW100	FLL2/3	Route Boundary (Sussex SO250) (Longhedge Jn) – Ludgate Jn	1	77	3	57	N	N	Y	N	N	N	N	
SW100	CJL	Ludgate Jn – Route Boundary (Sussex SO250) (Latchmere Jn No.2)	0	30	0	47	N	N	N	Y	N	N	N	
SW100	RDG1	Ludgate Jn – Clapham Jn (Windsor lines)	3	57	3	74	N	Y	N	R1	N	N	N	R1 Prohibited Clapham platforms 2, 3, 4, 5 and 6
SW100	BML1	Ludgate Jn – Clapham Jn (Main lines)	3	57	3	74	N	R1	N	N	N	N	N	R1 40mph Clapham platform 10
SW105	BML1	Clapham Jn – Wimbledon platforms 5, 6, 7 and 8	3	74	7	19	N	Y	N	N	N	N	N	
SW105	PPW	Wimbledon North Jn – Wimbledon platforms 1, 2, 3 and 4 (District line)	8	26	8	47	N	N	N	N	N	N	N	
SW105	BML1	Wimbledon platforms 5, 6, 7 and 8 – Wimbledon West Jn	7	19	7	49	N	Y	N	N	N	N	N	
SW105	BML1	Wimbledon West Jn – Hampton Court Jn	7	49	13	27	N	Y	N	N	N	N	N	
SW105	BML1	Hampton Court Jn – Woking	13	27	24	27	N	Y	N	N	N	N	N	
SW105	BML1	Woking – Basingstoke	24	27	47	61	R1 R2 R3 R4 R5	Y	N	N	N	N	N	R1 20mph over bridge 85 (24m 40ch) (Up Fast) (between Woking and Brookwood) R2 40mph over bridge 107b (34m 10ch) (Up Slow) (between Fleet and Farnborough) R3 40mph Winchfield Up Slow platform R4 30mph Brookwood Up Slow platform R5 50mph Winchfield Down Slow platform
SW105	BML1	Basingstoke – Eastleigh West Jn	47	61	73	42	N	Y	N	N	N	Y	Y	
SW105	BML1	Eastleigh West Jn – St Denys	73	42	77	10	N	Y	N	N	N	Y	Y	
SW105	BML1	St Denys – Northam Jn	77	10	78	15	N	Y	Y	N	N	Y	Y	
SW105	BML2	Northam Jn – Redbridge Jn	78	15	81	78	Y	R1	R2	N	N	Y	Y	R1 Prohibited with footsteps fitted and deflated suspension R2 Prohibited between Southampton Central and Redbridge Jn
SW105	BML2	Redbridge Jn – Worgret Jn	81	78	121	77	N	R1 R2	N	N	N	Y	Y	R1 Prohibited between Totton and Worgret Jn when laden Prohibited with footsteps fitted and deflated suspension

Table D2A – Route clearance of electric multiple units

Last Updated: 23/12/2023

To be read in conjunction with General Notes.

Line of route	ELR	Line of Route / Sector Description	0000		0000		313	319	325	377	378	380	387	Notes
			M	Ch	M	Ch								
SW100	JAT	Waterloo platforms 20-24 – International Jn	00	00	0	38	N	N	N	N	N	N	N	
SW100	RDG1	Waterloo platforms 12-19 – International Jn (Windsor lines)	0	00	0	38	N	Y	H	N	N	N	N	
SW100	RDG1	International Jn – Carlisle Lane Jn (Windsor lines)	0	38	0	42	N	Y	H	N	N	N	N	
SW100	RDG1	Carlisle Lane Jn – Nine Elms Jn (Windsor lines)	0	42	2	00	N	Y	H	N	N	N	N	
SW100	BML1	Waterloo platforms 1-11 – International Jn (Main lines)	0	00	0	38	N	Y	H	N	N	N	N	
SW100	BML1	International Jn – Carlisle Lane Jn (Main lines)	0	38	0	42	N	Y	H	N	N	N	N	
SW100	BML1	Carlisle Lane Jn – Nine Elms Jn (Main lines)	0	42	2	00	N	Y	H	N	N	N	N	
SW100	AHG	Nine Elms Jn – Route Boundary (Kent SO110) (Lindford Street Jn)	2	00	2	44	N	N	N	N	N	N	N	
SW100	RDG1	Nine Elms Jn – West London Jn (Windsor lines)	2	00	3	17	N	Y	H	N	N	N	N	
SW100	BML1	Nine Elms Jn – Crossovers at 2m 65ch (Main lines)	2	00	2	65	N	Y	H	N	N	N	N	
SW100	BML1	Crossovers at 2m 65 – West London Jn (Main lines)	2	65	3	17	N	Y	H	N	N	N	N	
SW100	SCC	West London Jn – Route Boundary (Sussex SO250) (Lathmere Jn No.3)	3	17	3	30	N	N	N	N	N	N	N	
SW100	RDG1	West London Jn – Ludgate Jn (Windsor lines)	3	17	3	57	N	Y	H	N	N	N	N	
SW100	BML1	West London Jn – Ludgate Jn (Main lines)	3	17	3	57	N	Y	H	N	N	N	N	
SW100	FLL2/3	Route Boundary (Sussex SO250) (Longhedge Jn) – Ludgate Jn	1	77	3	57	N	Y	H	Y	Y	N	Y	
SW100	CJL	Ludgate Jn – Route Boundary (Sussex SO250) (Lathmere Jn No.2)	0	30	0	47	Y	Y	H	Y	Y	N	Y	

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Line of route	ELR	Line of Route / Sector Description	3333		3333		313	319	325	377	378	380	387	Notes
			M	Ch	M	Ch								
SW100	RDG1	Ludgate Jn – Clapham Jn (Windsor lines)	3	57	3	74	R1	Y	H	R2	Y	N	R3	R1 Prohibited Clapham platforms 2, 3, 4, 5 and 6 R2 Classes 377/1-377/5 prohibited Clapham platforms 3, 4, 5 and 6 R3 Prohibited: <ul style="list-style-type: none"> Clapham platform 3 (Up Windsor Slow) Clapham platform 4 (Up Windsor Fast) Clapham platform 5 (Down Windsor Fast) Clapham platform 6 (Down Windsor Slow)
SW100	BML1	Ludgate Jn – Clapham Jn (Main lines)	3	57	3	74	N	Y	H	N	N	N	N	
SW105	BML1	Clapham Jn – Wimbledon platforms 5, 6, 7 and 8	3	74	7	19	N	Y	H	N	N	N	N	
SW105	PPW	Wimbledon North Jn – Wimbledon platforms 1, 2, 3 and 4 (District line)	8	26	8	47	N	R1	N	N	N	N	N	R1 Prohibited Wimbledon platforms 1, 2 and 3
SW105	BML1	Wimbledon platforms 5, 6, 7 and 8 – Wimbledon West Jn	7	19	7	49	N	Y	H	N	N	N	N	
SW105	BML1	Wimbledon West Jn – Hampton Court Jn	7	49	13	27	N	Y	H	N	N	N	N	
SW105	BML1	Hampton Court Jn – Woking	13	27	24	27	N	Y	H	N	N	N	N	
SW105	BML1	Woking – Basingstoke	24	27	47	61	N	R1	H R1	N	N	N	N	R1 Prohibited Basingstoke platform 5
SW105	BML1	Basingstoke – Eastleigh West Jn	47	61	73	42	R1	Y	H	R1	N	N	R1	R1 Prohibited between Basingstoke and Eastleigh East Jn
SW105	BML1	Eastleigh West Jn – St Denys	73	42	77	10	R1	N	N	Y	N	N	Y	R1 3-car operation
SW105	BML1	St Denys – Northam Jn	77	10	78	15	R1	N	N	Y	N	N	Y	R1 3-car operation
SW105	BML2	Northam Jn – Redbridge Jn	78	15	81	78	R1	N	N	R1	N	N	R1	R1 Prohibited between Southampton Central and Redbridge Jn
SW105	BML2	Redbridge Jn – Worgret Jn	81	78	121	77	N	N	N	N	N	N	N	
SW105	FUR	Worgret Jn – Network Rail Boundary (Swanage Railway)	126	30	129	55	N	N	N	N	N	N	N	
SW105	BML2	Worgret Jn – Dorchester Jn	121	77	136	15	N	N	N	N	N	N	N	
SW105	BML3	Dorchester Jn – Weymouth	162	14	168	63	N	N	N	N	N	N	N	

Table D2B – Route clearance of electric multiple units

Last Updated: 23/12/2023

To be read in conjunction with General Notes.

Line of route	ELR	Line of Route / Sector Description	0000		0000		442	444	450	456	458	508	700	707	Notes
			M	Ch	M	Ch									
SW100	JAT	Waterloo platforms 20-24 – International Jn	00	00	0	38	R1	Y	Y	Y	Y	N	N	E	R1 Prohibited Waterloo platforms 21 and 23
SW100	RDG1	Waterloo platforms 12-19 – International Jn (Windsor lines)	0	00	0	38	N	Y	Y	Y	Y	Y	N	N	
SW100	RDG1	International Jn – Carlisle Lane Jn (Windsor lines)	0	38	0	42	Y	Y	Y	Y	Y	Y	N	E	
SW100	RDG1	Carlisle Lane Jn – Nine Elms Jn (Windsor lines)	0	42	2	00	Y	Y	Y	Y	Y	Y	N	E	
SW100	BML1	Waterloo platforms 1-11 – International Jn (Main lines)	0	00	0	38	R1 R2	R1 R2	Y	Y	Y	Y	N	N	R1 Prohibited Waterloo platforms 1-4 R2 Access to Waterloo platforms 5, 6 and 7 via Up Main Fast line only – unless under special instruction from the Signaller
SW100	BML1	International Jn – Carlisle Lane Jn (Main lines)	0	38	0	42	Y	Y	Y	Y	Y	Y	N	N	
SW100	BML1	Carlisle Lane Jn – Nine Elms Jn (Main lines)	0	42	2	00	Y	Y	Y	Y	Y	Y	N	N	
SW100	AHG	Nine Elms Jn – Route Boundary (Kent SO110) (Lindford Street Jn)	2	00	2	44	N	N	N	N	N	N	N	E	
SW100	RDG1	Nine Elms Jn – West London Jn (Windsor lines)	2	00	3	17	Y	Y	Y	Y	Y	Y	N	N	
SW100	BML1	Nine Elms Jn – Crossovers at 2m 65ch (Main lines)	2	00	2	65	Y	Y	Y	Y	Y	Y	N	N	
SW100	BML1	Crossovers at 2m 65 – West London Jn (Main lines)	2	65	3	17	Y	Y	Y	Y	Y	Y	N	N	
SW100	SCC	West London Jn – Route Boundary (Sussex SO250) (Lathmere Jn No.3)	3	17	3	30	N	N	N	N	N	Y	N	N	
SW100	RDG1	West London Jn – Ludgate Jn (Windsor lines)	3	17	3	57	Y	Y	Y	Y	Y	Y	N	N	

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Line of route	ELR	Line of Route / Sector Description	0000		0000		442	444	450	456	458	508	700	707	Notes
			M	Ch	M	Ch									
SW100	BML1	West London Jn – Ludgate Jn (Main lines)	3	17	3	57	Y	Y	Y	Y	Y	Y	N	N	
SW100	FLL2/3	Route Boundary (Sussex SO250) (Longhedge Jn) – Ludgate Jn	1	77	3	57	E	Y	Y	Y	N	Y	N	E	
SW100	CJL	Ludgate Jn – Route Boundary (Sussex SO250) (Latchmere Jn No.2)	0	30	0	47	Y	Y	Y	Y	EH	Y	N	E	
SW100	RDG1	Ludgate Jn – Clapham Jn (Windsor lines)	3	57	3	74	Y	R1	Y	Y	Y	Y	N	N	R1 Prohibited Clapham platform 1
SW100	BML1	Ludgate Jn – Clapham Jn (Main lines)	3	57	3	74	Y	Y	Y	Y	Y	Y	N	N	
SW105	BML1	Clapham Jn – Wimbledon platforms 5, 6, 7 and 8	3	74	7	19	Y	Y	Y	Y	Y	Y	N	N	
SW105	PPW	Wimbledon North Jn – Wimbledon platforms 1, 2, 3 and 4 (District line)	8	26	8	47	R1	Y	Y	R1	Y	R1	N	N	R1 Prohibited Wimbledon platforms 1, 2 and 3
SW105	BML1	Wimbledon platforms 5, 6, 7 and 8 – Wimbledon West Jn	7	19	7	49	Y	Y	Y	Y	Y	Y	N	N	
SW105	BML1	Wimbledon West Jn – Hampton Court Jn	7	49	13	27	Y	Y	Y	Y	Y	Y	N	N	
SW105	BML1	Hampton Court Jn – Woking	13	27	24	27	Y	Y	Y	Y	Y	Y	N	N	
SW105	BML1	Woking – Basingstoke	24	27	47	61	R1	Y	Y	R1	R2	R1	N	N	R1 Prohibited Basingstoke platform 5 R2 30mph Brookwood platform 2
SW105	BML1	Basingstoke – Eastleigh West Jn	47	61	73	42	Y	Y	Y	Y	Y	Y	N	N	R1 Prohibited between Eastleigh Depot and Eastleigh West Jn when laden R2 Prohibited between Eastleigh Depot and Eastleigh West Jn with deflated suspension
SW105	BML1	Eastleigh West Jn – St Denys	73	42	77	10	Y	Y	Y	E	Y	N	N	N	R1 Prohibited with deflated suspension
SW105	BML1	St Denys – Northam Jn	77	10	78	15	Y	Y	Y	E	Y	N	N	N	R1 Prohibited with deflated suspension
SW105	BML2	Northam Jn – Redbridge Jn	78	15	81	78	Y	Y	Y	E R1	N	R2	N	N	R1 Prohibited with deflated suspension R2 30mph Southampton platform 2
SW105	BML2	Redbridge Jn – Worgret Jn	81	78	121	77	Y	Y	Y	E R1 R2	N	Y	N	N	R3 Prohibited with deflated suspension R4 Prohibited between Bournemouth and Worgret Jn
SW105	FUR	Worgret Jn – Network Rail Boundary (Swanage Railway)	126	30	126	61	N	N	N	N	N	N	N	N	R1 Prohibited Furzebrook Sidings
SW105	BML2	Worgret Jn – Dorchester Jn	121	77	136	15	Y	Y	Y	N	Y	N	N	N	
SW105	BML3	Dorchester Jn – Weymouth	162	14	168	63	Y	Y	Y	N	Y	N	N	N	

Table D3 – Route clearance of coaching stock

Last Updated: 23/12/2023

To be read in conjunction with General Notes.

Network Rail documentation may refer to either Mark 1-3 stock or C1-3 gauge as detailed below:

C1 = standard passenger coaching stock gauge for Mark 1 and Mark 2 coaches with 9'0" wide bodywork and 64'6" or (57') long underframes.

C3 = standard passenger coaching stock gauge for Mark 3 coaches which are 23 metres (75') long overall.

Mk3 (MOD) = Mk 3 coaches (Modified) and refers to Mk 3 coaches which have been fitted with powered bodyside doors

Mk3 DVT (MOD) = Mk3 DVT (Modified) and refers to Mk3 DVTs that have had centre pivot lateral bump stops modified to ESG-S-MO15, reducing lateral body movement.

Mk4 DVTs can operate over all routes cleared for Mark 4 coaching stock. Any restrictions applied to Mk4 coaching stock also apply to Mk 4 DVTs.

All coaching stock operating over routes detailed in this table are prohibited from operating unless fitted with short swing links

Line of route	ELR	Line of Route / Sector Description	0000		0000		MK1	MK2	MK3	MK3 MOD	MK3 DVT	MK3 DVT MOD	MK4	Notes
			M	Ch	M	Ch								
SW100	JAT	Waterloo platforms 20-24 – International Jn	00	00	0	38	N	N	N	N	N	N	N	
SW100	RDG1	Waterloo platforms 12-19 – International Jn (Windsor lines)	0	00	0	38	Y	Y	Y	N	N	N	N	
SW100	RDG1	International Jn – Carlisle Lane Jn (Windsor lines)	0	38	0	42	Y	Y	Y	N	N	N	N	
SW100	RDG1	Carlisle Lane Jn – Nine Elms Jn (Windsor lines)	0	42	2	00	Y	Y	Y	N	N	N	N	
SW100	BML1	Waterloo platforms 1-11 – International Jn (Main lines)	0	00	0	38	Y	Y	Y	N	N	N	N	
SW100	BML1	International Jn – Carlisle Lane Jn (Main lines)	0	38	0	42	Y	Y	Y	N	N	N	N	
SW100	BML1	Carlisle Lane Jn – Nine Elms Jn (Main lines)	0	42	2	00	Y	Y	Y	N	N	N	N	
SW100	AHG	Nine Elms Jn – Route Boundary (Kent SO110) (Lindford Street Jn)	2	00	2	44	Y	Y	Y	N	N	N	N	
SW100	RDG1	Nine Elms Jn – West London Jn (Windsor lines)	2	00	3	17	Y	Y	Y	N	N	N	N	

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Line of route	ELR	Line of Route / Sector Description	0000		0000		MK1	MK2	MK3	MK3 MOD	MK3 DVT	MK3 DVT MOD	MK4	Notes
			M	Ch	M	Ch								
SW100	BML1	Nine Elms Jn – Crossovers at 2m 65ch (Main lines)	2	00	2	65	Y	Y	Y	N	N	N	N	
SW100	BML1	Crossovers at 2m 65 – West London Jn (Main lines)	2	65	3	17	Y	Y	Y	N	N	N	N	
SW100	SCC	West London Jn – Route Boundary (Sussex SO250) (Lathmere Jn No.3)	3	17	3	30	Y	Y	Y	N	N	N	N	
SW100	RDG1	West London Jn – Ludgate Jn (Windsor lines)	3	17	3	57	Y	Y	Y	N	N	N	N	
SW100	BML1	West London Jn – Ludgate Jn (Main lines)	3	17	3	57	Y	Y	Y	N	N	N	N	
SW100	FLL2/3	Route Boundary (Sussex SO250) (Longhedge Jn) – Ludgate Jn	1	77	3	57	Y	Y	Y	N	N	N	N	
SW100	CJL	Ludgate Jn – Route Boundary (Sussex SO250) (Lathmere Jn No.2)	0	30	0	47	Y	Y	Y	N	N	N	N	
SW100	RDG1	Ludgate Jn – Clapham Jn (Windsor lines)	3	57	3	74	Y	Y	Y	N	N	N	N	
SW100	BML1	Ludgate Jn – Clapham Jn (Main lines)	3	57	3	74	Y	Y	Y	N	N	N	N	
SW105	BML1	Clapham Jn – Wimbledon platforms 5, 6, 7 and 8	3	74	7	19	Y	Y	Y	N	N	N	N	
SW105	PPW	Wimbledon North Jn – Wimbledon platforms 1, 2, 3 and 4 (District line)	8	26	8	47	Y	Y	R1	N	N	N	N	R1 Prohibited Wimbledon platforms 1, 2, 3 and 4
SW105	BML1	Wimbledon platforms 5, 6, 7 and 8 – Wimbledon West Jn	7	19	7	49	Y	Y	Y	N	N	N	N	
SW105	BML1	Wimbledon West Jn – Hampton Court Jn	7	49	13	27	Y	Y	Y	N	N	N	N	
SW105	BML1	Hampton Court Jn – Woking	13	27	24	27	Y	Y	Y	N	N	N	N	
SW105	BML1	Woking – Basingstoke	24	27	47	61	Y	Y	Y	N	N	N	N	
SW105	BML1	Basingstoke – Eastleigh West Jn	47	61	73	42	Y	Y	Y	N	N	N	N	
SW105	BML1	Eastleigh West Jn – St Denys	73	42	77	10	Y	Y	R1	N	N	N	N	R1 20mph Swaythling Down Platform line
SW105	BML1	St Denys – Northam Jn	77	10	78	15	Y	Y	Y	N	N	N	N	
SW105	BML2	Northam Jn – Redbridge Jn	78	15	81	78	Y	Y	Y	N	N	N	N	
SW105	BML2	Redbridge Jn – Worgret Jn	81	78	121	77	Y	Y	Y	N	N	N	N	
SW105	FUR	Worgret Jn – Network Rail Boundary (Swanage Railway)	126	30	129	55	Y	Y	Y	N	N	N	N	

Table D4A – Route clearance of locomotives

Last Updated: 23/12/2023

To be read in conjunction with General Notes.

Line of route	ELR	Line of Route / Sector Description	0000		0000		RA	08	09	20	31/1 31/6	31/4	33	37/0 37/3 37/4 37/6	37/5	Notes
			M	Ch	M	Ch										
SW100	JAT	Waterloo platforms 20-24 – International Jn	00	00	0	38	8	N	N	N	N	N	N	R1	N	R1 Route prohibited to Classes 37/0, 37/3 and 37/4
SW100	RDG1	Waterloo platforms 12-19 – International Jn (Windsor lines)	0	00	0	38	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	RDG1	International Jn – Carlisle Lane Jn (Windsor lines)	0	38	0	42	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	RDG1	Carlisle Lane Jn – Nine Elms Jn (Windsor lines)	0	42	2	00	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	BML1	Waterloo platforms 1-11 – International Jn (Main lines)	0	00	0	38	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	BML1	International Jn – Carlisle Lane Jn (Main lines)	0	38	0	42	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	BML1	Carlisle Lane Jn – Nine Elms Jn (Main lines)	0	42	2	00	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	AHG	Nine Elms Jn – Route Boundary (Kent SO110) (Lindford Street Jn)	2	00	2	44	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	RDG1	Nine Elms Jn – West London Jn (Windsor lines)	2	00	3	17	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	BML1	Nine Elms Jn – Crossovers at 2m 65ch (Main lines)	2	00	2	65	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	BML1	Crossovers at 2m 65 – West London Jn (Main lines)	2	65	3	17	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	SCC	West London Jn – Route Boundary (Sussex SO250) (Lathmere Jn No.3)	3	17	3	30	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	RDG1	West London Jn – Ludgate Jn (Windsor lines)	3	17	3	57	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	BML1	West London Jn – Ludgate Jn (Main lines)	3	17	3	57	8	Y	Y	Y	Y	Y	Y	Y	Y	

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Line of route	ELR	Line of Route / Sector Description	0000		0000		RA	08	09	20	31/1 31/6	31/4	33	37/0 37/3 37/4 37/6	37/5	Notes
			M	Ch	M	Ch										
SW100	FLL2/3	Route Boundary (Sussex SO250) (Longhedge Jn) – Ludgate Jn	1	77	3	57	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	CJL	Ludgate Jn – Route Boundary (Sussex SO250) (Latchmere Jn No.2)	0	30	0	47	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	RDG1	Ludgate Jn – Clapham Jn (Windsor lines)	3	57	3	74	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	BML1	Ludgate Jn – Clapham Jn (Main lines)	3	57	3	74	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML1	Clapham Jn – Wimbledon platforms 5, 6, 7 and 8	3	74	7	19	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	PPW	Wimbledon North Jn – Wimbledon platforms 1, 2, 3 and 4 (District line)	8	26	8	47	8	N	N	N	N	N	N	N	N	
SW105	BML1	Wimbledon platforms 5, 6, 7 and 8 – Wimbledon West Jn	7	19	7	49	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML1	Wimbledon West Jn – Hampton Court Jn	7	49	13	27	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML1	Hampton Court Jn – Woking	13	27	24	27	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML1	Woking – Basingstoke	24	27	47	61	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML1	Basingstoke – Eastleigh West Jn	47	61	73	42	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML1	Eastleigh West Jn – St Denys	73	42	77	10	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML1	St Denys – Northam Jn	77	10	78	15	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML2	Northam Jn – Redbridge Jn	78	15	81	78	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML2	Redbridge Jn – Worgret Jn	81	78	121	77	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	FUR	Worgret Jn – Network Rail Boundary (Swanage Railway)	126	30	129	55	8	R1	R1	R1	R1	R1	R1	R1	R1	R1 5mph over FUR E28/9 Grange Road Bridge (128m 06ch)
SW105	BML2	Worgret Jn– Dorchester Jn	121	77	136	15	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML3	Dorchester Jn – Weymouth	162	14	168	63	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW110	WPH1	Woking Jn – Guilford	24	62	30	27	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW110	WPH1	Guilford – Shalford Jn	30	27	31	42	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW110	WPH1	Shalford Jn – Haslemere	31	42	42	79	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW110	WPH1	Haslemere – Havant Jn	42	79	66	17	8	Y	Y	Y	Y	Y	Y	Y	Y	

Table D4B – Route clearance of locomotives

Last Updated: 23/12/2023

To be read in conjunction with General Notes.

Line of route	ELR	Line of Route / Sector Description	○○○○		○○○○		RA	37/7	37/9	43	47/2	47/4	47/7	56	57	Notes
			M	Ch	M	Ch										
SW100	JAT	Waterloo platforms 20-24 – International Jn	00	00	0	38	8	N	N	N	N	N	N	N	N	
SW100	RDG1	Waterloo platforms 12-19 – International Jn (Windsor lines)	0	00	0	38	8	Y	Y	R1	Y	Y	Y	Y	Y	R1 Prohibited Waterloo platforms 12-16
SW100	RDG1	International Jn – Carlisle Lane Jn (Windsor lines)	0	38	0	42	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	RDG1	Carlisle Lane Jn – Nine Elms Jn (Windsor lines)	0	42	2	00	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	BML1	Waterloo platforms 1-11 – International Jn (Main lines)	0	00	0	38	8	Y	Y	N	Y	Y	Y	Y	Y	
SW100	BML1	International Jn – Carlisle Lane Jn (Main lines)	0	38	0	42	8	Y	Y	N	Y	Y	Y	Y	Y	
SW100	BML1	Carlisle Lane Jn – Nine Elms Jn (Main lines)	0	42	2	00	8	Y	Y	N	Y	Y	Y	Y	Y	
SW100	AHG	Nine Elms Jn – Route Boundary (Kent SO110) (Lindford Street Jn)	2	00	2	44	8	Y	Y	N	Y	Y	Y	Y	Y	
SW100	RDG1	Nine Elms Jn – West London Jn (Windsor lines)	2	00	3	17	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	BML1	Nine Elms Jn – Crossovers at 2m 65ch (Main lines)	2	00	2	65	8	Y	Y	N	Y	Y	Y	Y	Y	
SW100	BML1	Crossovers at 2m 65 – West London Jn (Main lines)	2	65	3	17	8	Y	Y	N	Y	Y	Y	Y	Y	
SW100	SCC	West London Jn – Route Boundary (Sussex SO250) (Lathmere Jn No.3)	3	17	3	30	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	RDG1	West London Jn – Ludgate Jn (Windsor lines)	3	17	3	57	8	Y	Y	R1	Y	Y	Y	Y	Y	R1 Prohibited Up Windsor Slow line
SW100	BML1	West London Jn – Ludgate Jn (Main lines)	3	17	3	57	8	Y	Y	N	Y	Y	Y	Y	Y	
SW100	FLL2/3	Route Boundary (Sussex SO250) (Longhedge Jn) – Ludgate Jn	1	77	3	57	8	Y	Y	N	Y	Y	Y	Y	Y	

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Line of route	ELR	Line of Route / Sector Description	0000		0000		RA	37/7	37/9	43	47/2	47/4	47/7	56	57	Notes
			M	Ch	M	Ch										
SW100	CJL	Ludgate Jn – Route Boundary (Sussex SO250) (Latchmere Jn No.2)	0	30	0	47	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	RDG1	Ludgate Jn – Clapham Jn (Windsor lines)	3	57	3	74	8	Y	Y	R1	Y	Y	Y	Y	Y	R1 Prohibited Up Windsor Slow line
SW100	BML1	Ludgate Jn – Clapham Jn (Main lines)	3	57	3	74	8	Y	Y	N	Y	Y	Y	Y	Y	
SW105	BML1	Clapham Jn – Wimbledon platforms 5, 6, 7 and 8	3	74	7	19	8	Y	Y	N	Y	Y	Y	Y	Y	
SW105	PPW	Wimbledon North Jn – Wimbledon platforms 1, 2, 3 and 4 (District line)	8	26	8	47	8	N	N	N	N	N	N	N	N	
SW105	BML1	Wimbledon platforms 5, 6, 7 and 8 – Wimbledon West Jn	7	19	7	49	8	Y	Y	N	Y	Y	Y	Y	Y	
SW105	BML1	Wimbledon West Jn – Hampton Court Jn	7	49	13	27	8	Y	Y	N	Y	Y	Y	Y	Y	
SW105	BML1	Hampton Court Jn – Woking	13	27	24	27	8	Y	Y	N	Y	Y	Y	Y	Y	
SW105	BML1	Woking – Basingstoke	24	27	47	61	8	Y	Y	N	Y	Y	Y	Y	Y	
SW105	BML1	Basingstoke – Eastleigh West Jn	47	61	73	42	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML1	Eastleigh West Jn – St Denys	73	42	77	10	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML1	St Denys – Northam Jn	77	10	78	15	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML2	Northam Jn – Redbridge Jn	78	15	81	78	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML2	Redbridge Jn – Worgret Jn	81	78	121	77	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	FUR	Worgret Jn – Network Rail Boundary (Swanage Railway)	126	30	129	55	8	R1	R1	R1	R1	R1	R1	R1	R1	R1 5mph over FUR E28/9 Grange Road Bridge (128m 06ch)
SW105	BML2	Worgret Jn – Dorchester Jn	121	77	136	15	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML3	Dorchester Jn – Weymouth	162	14	168	63	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW110	WPH1	Woking Jn – Guilford	24	62	30	27	8	Y	Y	N	Y	Y	Y	Y	Y	
SW110	WPH1	Guilford – Shalford Jn	30	27	31	42	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW110	WPH1	Shalford Jn – Haslemere	31	42	42	79	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW110	WPH1	Haslemere – Havant Jn	42	79	66	17	8	Y	Y	R1	Y	Y	Y	Y	Y	R1 40mph through Buriton Tunnel (57m 46ch to 57m 68ch)
SW110	TBH2	Route Boundary (Sussex SO250) (Barnham) – Havant Jn [Duplicated on SO520]	35	35	37	25	8	Y	Y	Y	Y	Y	Y	Y	Y	
SW110	WPH2	Havant Jn – Farlington Jn [Duplicated on SO520]	37	24	40	33	8	Y	Y	Y	Y	Y	Y	Y	Y	

Table D4C – Route clearance of locomotives

Last Updated: 23/12/2023

To be read in conjunction with General Notes.

Class 67 – Additional speed restrictions are detailed on the current Vehicle/Infrastructure Summary of Compatibility documentation.

Line of route	ELR	Line of Route / Sector Description	0000		0000		RA	58	59	60	66	67	68	70	73	97/3	Notes
			M	Ch	M	Ch											
SW100	JAT	Waterloo platforms 20-24 – International Jn	00	00	0	38	8	N	N	N	R1	R1	Y	N	Y	N	R1 Prohibited Waterloo platforms 21 and 23
SW100	RDG1	Waterloo platforms 12-19 – International Jn (Windsor lines)	0	00	0	38	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	RDG1	International Jn – Carlisle Lane Jn (Windsor lines)	0	38	0	42	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	RDG1	Carlisle Lane Jn – Nine Elms Jn (Windsor lines)	0	42	2	00	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	BML1	Waterloo platforms 1-11 – International Jn (Main lines)	0	00	0	38	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	BML1	International Jn – Carlisle Lane Jn (Main lines)	0	38	0	42	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	BML1	Carlisle Lane Jn – Nine Elms Jn (Main lines)	0	42	2	00	8	Y	Y	Y	Y	Y	R1	Y	Y	Y	R1 Prohibited Vauxhall platform 7 (Up Main Slow line)
SW100	AHG	Nine Elms Jn – Route Boundary (Kent SO110) (Lindford Street Jn)	2	00	2	44	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	RDG1	Nine Elms Jn – West London Jn (Windsor lines)	2	00	3	17	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	BML1	Nine Elms Jn – Crossovers at 2m 65ch (Main lines)	2	00	2	65	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	BML1	Crossovers at 2m 65 – West London Jn (Main lines)	2	65	3	17	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	SCC	West London Jn – Route Boundary (Sussex SO250) (Lathmere Jn No.3)	3	17	3	30	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	RDG1	West London Jn – Ludgate Jn (Windsor lines)	3	17	3	57	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	BML1	West London Jn – Ludgate Jn (Main lines)	3	17	3	57	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	FLL2/3	Route Boundary (Sussex SO250) (Longhedge Jn) – Ludgate Jn	1	77	3	57	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		RA	58	59	60	66	67	68	70	73	97/3	Notes
			M	Ch	M	Ch											
SW100	CJL	Ludgate Jn – Route Boundary (Sussex SO250) (Latchmere Jn No.2)	0	30	0	47	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	RDG1	Ludgate Jn – Clapham Jn (Windsor lines)	3	57	3	74	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW100	BML1	Ludgate Jn – Clapham Jn (Main lines)	3	57	3	74	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML1	Clapham Jn – Wimbledon platforms 5, 6, 7 and 8	3	74	7	19	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	PPW	Wimbledon North Jn – Wimbledon platforms 1, 2, 3 and 4 (District line)	8	26	8	47	8	N	N	N	N	N	N	N	N	N	
SW105	BML1	Wimbledon platforms 5, 6, 7 and 8 – Wimbledon West Jn	7	19	7	49	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML1	Wimbledon West Jn – Hampton Court Jn	7	49	13	27	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML1	Hampton Court Jn – Woking	13	27	24	27	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML1	Woking – Basingstoke	24	27	47	61	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML1	Basingstoke – Eastleigh West Jn	47	61	73	42	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML1	Eastleigh West Jn – St Denys	73	42	77	10	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML1	St Denys – Northam Jn	77	10	78	15	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML2	Northam Jn – Redbridge Jn	78	15	81	78	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML2	Redbridge Jn – Worgret Jn	81	78	121	77	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	FUR	Worgret Jn– Network Rail Boundary (Swanage Railway)	126	30	129	55	8	R1	R1	R1	R1	R1	R1	R1	R1	R1	R1 5mph over FUR E28/9 Grange Road Bridge (128m 06ch)
SW105	BML2	Worgret Jn – Dorchester Jn	121	77	136	15	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW105	BML3	Dorchester Jn – Weymouth	162	14	168	63	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW110	WPH1	Woking Jn – Guilford	24	62	30	27	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW110	WPH1	Guilford – Shalford Jn	30	27	31	42	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW110	WPH1	Shalford Jn – Haslemere	31	42	42	79	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW110	WPH1	Haslemere – Havant Jn	42	79	66	17	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW110	TBH2	Route Boundary (Sussex SO250) (Barnham) – Havant Jn [Duplicated on SO520]	35	35	37	25	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
SW110	WPH2	Havant Jn – Farlington Jn [Duplicated on SO520]	37	24	40	33	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	

Table D4D – Route clearance of locomotives**Last Updated: 23/12/2023**

To be read in conjunction with General Notes.

Class 92 locomotives may additionally be dead hauled on any route that conforms to W6a and RA7 provided that the 'Battery Isolation Switch' is set to the 'Isolate' position

Line of route	ELR	Line of Route / Sector Description	○○○○		○○○○		RA	86	87	88	90	91	92	Notes
			M	Ch	M	Ch								
SW100	JAT	Waterloo platforms 20-24 – International Jn	00	00	0	38	8	N	N	Y	N	N	N	
SW100	RDG1	Waterloo platforms 12-19 – International Jn (Windsor lines)	0	00	0	38	8	N	N	Y	N	N	N	
SW100	RDG1	International Jn – Carlisle Lane Jn (Windsor lines)	0	38	0	42	8	N	N	Y	N	N	N	
SW100	RDG1	Carlisle Lane Jn – Nine Elms Jn (Windsor lines)	0	42	2	00	8	N	N	Y	N	N	N	
SW100	BML1	Waterloo platforms 1-11 – International Jn (Main lines)	0	00	0	38	8	N	N	Y	N	N	N	
SW100	BML1	International Jn – Carlisle Lane Jn (Main lines)	0	38	0	42	8	N	N	Y	N	N	N	
SW100	BML1	Carlisle Lane Jn – Nine Elms Jn (Main lines)	0	42	2	00	8	N	N	R1	N	N	N	R1 Prohibited Vauxhall platform 7
SW100	AHG	Nine Elms Jn – Route Boundary (Kent SO110) (Lindford Street Jn)	2	00	2	44	8	N	N	Y	N	N	N	
SW100	RDG1	Nine Elms Jn – West London Jn (Windsor lines)	2	00	3	17	8	N	N	Y	N	N	N	
SW100	BML1	Nine Elms Jn – Crossovers at 2m 65ch (Main lines)	2	00	2	65	8	N	N	Y	N	N	N	
SW100	BML1	Crossovers at 2m 65 – West London Jn (Main lines)	2	65	3	17	8	N	N	Y	N	N	N	
SW100	SCC	West London Jn – Route Boundary (Sussex SO250) (Lathmere Jn No.3)	3	17	3	30	8	N	N	Y	N	N	N	
SW100	RDG1	West London Jn – Ludgate Jn (Windsor lines)	3	17	3	57	8	N	N	Y	N	N	N	
SW100	BML1	West London Jn – Ludgate Jn (Main lines)	3	17	3	57	8	N	N	Y	N	N	N	
SW100	FLL2/3	Route Boundary (Sussex SO250) (Longhedge Jn) – Ludgate Jn	1	77	3	57	8	N	N	Y	N	N	Y	

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Line of route	ELR	Line of Route / Sector Description	000	000	000	000	RA	86	87	88	90	91	92	Notes
			M	Ch	M	Ch								
SW100	CJL	Ludgate Jn – Route Boundary (Sussex SO250) (Latchmere Jn No.2)	0	30	0	47	8	N	N	Y	N	N	N	
SW100	RDG1	Ludgate Jn – Clapham Jn (Windsor lines)	3	57	3	74	8	N	N	Y	N	N	R1	R1 For access into Clapham Sidings 48 and 49
SW100	BML1	Ludgate Jn – Clapham Jn (Main lines)	3	57	3	74	8	N	N	Y	N	N	N	
SW105	BML1	Clapham Jn – Wimbledon platforms 5, 6, 7 and 8	3	74	7	19	8	N	N	Y	N	N	N	
SW105	PPW	Wimbledon North Jn – Wimbledon platforms 1, 2, 3 and 4 (District line)	8	26	8	47	8	N	N	Y	N	N	N	
SW105	BML1	Wimbledon platforms 5, 6, 7 and 8 – Wimbledon West Jn	7	19	7	49	8	N	N	Y	N	N	N	
SW105	BML1	Wimbledon West Jn – Hampton Court Jn	7	49	13	27	8	N	N	Y	N	N	N	
SW105	BML1	Hampton Court Jn – Woking	13	27	24	27	8	N	N	Y	N	N	N	
SW105	BML1	Woking – Basingstoke	24	27	47	61	8	N	N	Y	N	N	N	
SW105	BML1	Basingstoke – Eastleigh West Jn	47	61	73	42	8	N	N	Y	N	N	N	
SW105	BML1	Eastleigh West Jn – St Denys	73	42	77	10	8	N	N	Y	N	N	N	
SW105	BML1	St Denys – Northam Jn	77	10	78	15	8	N	N	Y	N	N	N	
SW105	BML2	Northam Jn – Redbridge Jn	78	15	81	78	8	N	N	Y	N	N	N	
SW105	BML2	Redbridge Jn – Worgret Jn	81	78	121	77	8	N	N	Y	N	N	N	
SW105	FUR	Worgret Jn – Network Rail Boundary (Swanage Railway)	126	30	129	55	8	N	N	Y	N	N	N	
SW105	BML2	Worgret Jn – Dorchester Jn	121	77	136	15	8	N	N	Y	N	N	N	
SW105	BML3	Dorchester Jn – Weymouth	162	14	168	63	8	N	N	Y	N	N	N	
SW110	WPH1	Woking Jn – Guilford	24	62	30	27	8	N	N	Y	N	N	N	
SW110	WPH1	Guilford – Shalford Jn	30	27	31	42	8	N	N	Y	N	N	N	
SW110	WPH1	Shalford Jn – Haslemere	31	42	42	79	8	N	N	Y	N	N	N	
SW110	WPH1	Haslemere – Havant Jn	42	79	66	17	8	N	N	Y	N	N	N	
SW110	TBH2	Route Boundary (Sussex SO250) (Barnham) – Havant Jn [Duplicated on SO520]	35	35	37	25	8	N	N	Y	N	N	N	
SW110	WPH2	Havant Jn – Farlington Jn [Duplicated on SO520]	37	24	40	33	8	N	N	Y	N	N	N	
SW110	WPH2	Farlington Jn – Portcreek Jn [Duplicated on SO520]	40	33	41	03	8	N	N	Y	N	N	N	
SW110	WPH2	Portcreek Jn – Blackfriars Jn [Duplicated on SO520]	41	03	44	50	8	N	N	Y	N	N	N	

Table D5B – Locomotive Gauge Clearance table

Last Updated: 23/12/2023

To be read in conjunction with General Notes.

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

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

Y Route conforms to locomotive gauge without restriction.

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

N Route does not conform to locomotive gauge

Line of route	ELR	Line of Route / Sector Description					RA	Loco Gauge	Notes
			M	Ch	M	Ch			
SW100	JAT	Waterloo platforms 20-24 – International Jn	0	00	0	38	8	R1 R2 R3 R4 R5 R6	R2 Prohibited from Waterloo Station (International) platform 20 R3 Prohibited from Waterloo Station (International) platform 21 R4 Prohibited from Waterloo Station (International) platform 22 R5 Prohibited from Waterloo Station (International) platform 23 R6 Prohibited from Waterloo Station (International) platform 24
SW100	RDG1	Waterloo platforms 12-19 – International Jn (Windsor Lines)	0	00	0	38	8	Y	
SW100	RDG1	International Jn – Carlisle Lane Jn (Windsor Lines)	0	38	0	42	8	Y	
SW100	RDG1	Carlisle Lane Jn – Nine Elms Jn (Windsor Lines)	0	42	2	00	8	Y	
SW100	BML1	Waterloo platforms 1-11 – International Jn (Main Lines)	0	00	0	38	8	Y	

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Line of route	ELR	Line of Route / Sector Description	0000		0000		RA	Loco Gauge	Notes
			M	Ch	M	Ch			
SW100	BML1	International Jn – Carlisle Lane Jn (Main Lines)	0	38	0	42	8	Y	
SW100	BML1	Carlisle Lane Jn – Nine Elms Jn (Main Lines)	0	42	2	00	8	R1	R1 Prohibited Vauxhall platform 6 (Down Main Fast line)
SW100	AHG	Nine Elms Jn – Route Boundary (Kent SO110) (Lindford Street Jn)	2	00	2	44	8	Y	
SW100	RDG1	Nine Elms Jn – West London Jn (Windsor lines)	2	00	3	17	8	Y	
SW100	BML1	Nine Elms Jn – Crossovers at 02m 65ch (Main lines)	2	00	2	65	8	Y	
SW100	BML1	Crossovers at 02m 65ch – West London Jn (Main lines)	2	65	3	17	8	Y	
SW100	SCC	West London Jn – Route Boundary (Sussex SO250) (Lathmere Jn No.3)	3	17	3	30	8	Y	
SW100	RDG1	West London Jn – Ludgate Jn (Windsor lines)	3	17	3	57	8	Y	
SW100	BML1	West London Jn – Ludgate Jn (Main lines)	3	17	3	57	8	Y	
SW100	FLL2/3	Route Boundary (Sussex SO250) (Longhedge Jn) – Ludgate Jn	1	77	3	57	8	Y	
SW100	CJL	Ludgate Jn – Route Boundary (Sussex SO250) (Latchmere Jn No.2)	0	30	0	47	8	Y	
SW100	RDG1	Ludgate Jn – Clapham Jn (Windsor lines)	3	57	3	74	8	Y	
SW100	BML1	Ludgate Jn – Clapham Jn (Main lines)	3	57	3	74	8	Y	
SW105	BML1	Clapham Jn – Wimbledon platforms 5, 6, 7 and 8	3	74	7	19	8	R1 R2	R1 Prohibited between Clapham Junction station and Earlsfield on the Down Fast line R2 Prohibited Earlsfield platform 2 (Up Slow line)
SW105	PPW	Wimbledon North Jn (TfL infrastructure) – Wimbledon platforms 1, 2, 3 and 4 (TfL – District line)	8	26	8	47	8	Y	
SW105	BML1	Wimbledon platforms 5, 6, 7 and 8 – Wimbledon West Jn	7	19	7	49	8	Y	
SW105	BML1	Wimbledon West Jn – Hampton Court Jn	7	49	13	27	8	Y	

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Line of route	ELR	Line of Route / Sector Description					RA	Loco Gauge	Notes
			M	Ch	M	Ch			
SW105	BML1	Hampton Court Jn – Woking	13	27	24	27	8	R1	R1 Prohibited between Walton on Thames and Weybridge on the Up Fast line
SW105	BML1	Woking – Basingstoke	24	27	47	61	8	Y	
SW105	BML1	Basingstoke – Eastleigh West Jn	47	61	73	42	8	Y	
SW105	BML1	Eastleigh West Jn – St Denys	73	42	77	10	8	Y	
SW105	BML1	St Denys – Northam Jn	77	10	78	15	8	Y	
SW105	BML2	Northam Jn – Redbridge Jn	78	15	81	78	8	Y	
SW105	BML2	Redbridge Jn – Worgret Jn	81	78	121	77	8	R1	R1 Prohibited Bournemouth Servicing platform (Middle Siding 3)
SW105	FUR	Worgret Jn – Network Rail Boundary (Swanage Railway)	126	30	126	61	8	Y	
SW105	BML2	Worgret Jn – Dorchester Jn	121	77	136	15	8	Y	
SW105	BML3	Dorchester Jn – Weymouth	162	14	168	63	8	Y	
SW110	WPH1	Woking Jn – Guildford	24	62	30	27	8	Y	
SW110	WPH1	Guildford – Shalford Jn	30	27	31	42	8	R1 R2	R1 Prohibited between Guildford South Jn and Shalford Jn on the Down line R2 Prohibited between Guildford South Jn and Shalford Jn on the Up line
SW110	WPH1	Shalford Jn – Haslemere	31	42	42	79	8	Y	
SW110	WPH1	Haslemere – Havant Jn	42	79	66	17	8	R1 R2	R1 Prohibited Liphook platform 1 (Up line) R2 Prohibited between Petersfield and Rowlands Castle on the Up line
SW110	TBH2	Route Boundary (Sussex SO250) (Barnham) – Havant Jn [Duplicated on SO520]	35	35	37	25	8	Y	
SW110	WPH2	Havant Jn – Farlington Jn [Duplicated on SO520]	37	24	40	33	8	Y	
SW110	WPH2	Farlington Jn – Portcreek Jn [Duplicated on SO520]	40	33	41	03	8	Y	
SW110	WPH2	Portcreek Jn – Blackfriars Jn [Duplicated on SO520]	41	03	44	50	8	R1	R1 Prohibited between Fratton and Blackfriars Jn on the Up and Down Fratton line
SW110	PAS	Blackfriars Jn – Portsmouth and Southsea Low Level [Duplicated on SO520]	44	26	44	50	8	Y	
SW110	WPH2	Blackfriars Jn – Portsmouth and Southsea High Level [Duplicated on SO520]	44	26	44	50	7	Y	

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Line of route	ELR	Line of Route / Sector Description	M	Ch	M	Ch	RA	Loco Gauge	Notes
SW110	WPH2	Portsmouth and Southsea High Level – Portsmouth Harbour *Platforms 4 and 5 RA7 *Platforms 1 and 3 RA4 [Duplicated on SO520]	44	50	45	36	7*	R1	R1 Prohibited on the Down line
SW115	BAE1	Worting Jn – Connection to Ludgershall Branch line	51	15	66	27	8	Y	
SW115	LUD1	Connection to main Up line (BAE1) – Red Post Jn	66	27	67	61	8	Y	
SW115	LUD2	Red Post Jn – Ludgershall	0	00	5	64	8	N	
SW115	BAE1	Connection to Ludgershall Branch line – Laverstock North Jn	66	27	82	05	8	Y	
SW115	LAV	Laverstock North Jn – Laverstock South Jn	82	05	82	39	8	Y	
SW115	BAE1	Laverstock North Jn – Salisbury Tunnel Jn	82	05	82	36	8	Y	
SW115	BAE1	Salisbury Tunnel Jn – Fisherton Short Mile Change of Mileage	82	36	83	72	8	R1 R2	R1 Prohibited Salisbury platform 1 (Reception line) R2 Prohibited from Salisbury West bay platform 5
SW115	BAE2	Fisherton Short Mile Change of Mileage – Wilton Jn	84	00	85	37	8	Y	
SW115	BAE2	Wilton Jn – Gillingham	85	37	105	23	7	R1	R1 Prohibited between Templecombe and Sherbourne on the Up Exeter line
SW115	BAE2	Gillingham – Yeovil Jn	105	23	122	48	6	Y	
SW115	BAE2	Yeovil Jn – Route Boundary (GW610) (Exeter St Davids Jn)	122	48	164	30	6	R1	R1 Prohibited between Feniton and Whimple on the Single line
SW120	PAA1	Pirbright Jn – Ash Vale Jn	29	39	32	30	8	Y	
SW120	PAA1	Ash Vale Jn – Change of ELR	32	30	36	75	7	R1	R1 Prohibited between Aldershot North Jn and Aldershot on the Up Alton line
SW120	PAA2	Change of ELR – Connection to Farnham Depot	39	22	42	70	7	Y	
SW120	PAA2	Connection to Farnham Depot – Alton	42	70	49	13	7	Y	
SW125	BKE	Route Boundary GW500 (Southcote Jn) – Basingstoke	37	76	51	39	8	R1	R1 Prohibited Basingstoke No 6 GW Siding
SW130	ECR	Eastleigh East Jn – Romsey	73	35	80	47	8	Y	
SW135	ETF	Eastleigh West Jn – Fareham	73	42	84	21	8	Y	

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Line of route	ELR	Line of Route / Sector Description					RA	Loco Gauge	Notes
			M	Ch	M	Ch			
SW140	SDP1	St Denys – Change of ELR	1	59	14	15	7	Y	
SW140	SDP2	Change of ELR – Fareham	84	10	84	21	7	Y	
SW140	SDP2	Fareham – Quay Viaduct	84	21	84	77	7	Y	
SW140	SDP2	Quay Viaduct – Cosham	84	77	90	06	8	Y	
SW140	SDP2	Cosham – Cosham Jn	90	06	90	43	8	Y	
SW140	SDP2	Cosham Jn – Portcreek Jn	90	43	91	01	8	Y	
SW140	FJJ	Cosham Jn – Farlington Jn	90	43	91	14	8	Y	
SW145	SOY	Northam Jn – Canute Road LC (AOCL) (Eastern Docks)	78	15	79	02	8	Y	
SW150	RTJ1	Redbridge Jn – Romsey Jn	23	32	18	16	8	Y	
SW150	RTJ2	Romsey Jn – Salisbury Tunnel Jn	80	35	96	05	8	Y	
SW155	TTF	Totton – Marchwood	82	43	86	10	8	Y	
SW155	TTF	Marchwood – Fawley GF	86	10	91	42	8	Y	
SW160	BLP	Brockenhurst – Lymington Pier	92	66	98	15	8	Y	
SW165	HAG	Hamworthy – Hamworthy Goods (Stop board)	115	77	118	50	8	Y	
SW170	SAL	Wilton Jn – Route Boundary Western (GW5001) (Westbury South Jn)	132	33	115	40	8	Y	
SW175	WEY	Route Boundary (GW500) (Castle Cary Jn) – Yeovil Pen Mill Jn	130	00	141	35	6	Y	
SW175	YJP	Yeovil Pen Mill Jn – Yeovil Jn	1	42	0	00	6	Y	
SW175	WEY	Yeovil Pen Mill Jn – Dorchester Jn	141	35	162	14	6	Y	
SW180	RPE	Raynes Park – Epsom (Change of ELR)	8	51	14	18	8	R1	R1 Prohibited Raynes Park platform 1 (Up Epsom line)
SW180	BTH2	Route Boundary Sussex (Ewell East) – Epsom [Duplicated in SO680]	17	33	18	73	8	Y	
SW180	BTH3	Epsom (Change of ELR) – Leatherhead [Duplicated in SO680]	14	27	18	02	8	Y	
SW180	BTH3	Leatherhead – Route Boundary Sussex (Horsham) [Duplicated in SW180]	18	02	21	09	8	Y	
SW180	BTH3	Route Boundary Sussex (Leatherhead) – Horsham jn (SO520) [Duplicated in SO680]	21	09	35	34	8	Y	

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Line of route	ELR	Line of Route / Sector Description					RA	Loco Gauge	Notes
			M	Ch	M	Ch			
SW185	MPC	Motspur Park – Chessington South	9	57	13	73	8	Y	
SW190	NMS1	New Malden – Fulwell Jn	9	62	14	53	8	Y	
SW190	NMS2	Fulwell Jn – Shepperton	12	56	18	73	8	Y	
SW195	HAM	Hampton Court Jn – Hampton Court Up Line	13	27	14	76	4	Y	
SW195	HAM	Hampton Court Jn – Hampton Court Down Line	13	27	14	76	8	Y	
SW200	NGL	Hampton Court Jn – Effingham Jn	13	27	21	04	8	Y	
SW200	NGL	Effingham Jn – Guildford	21	04	29	70	8	R1	R1 Prohibited between London Road and Guildford on the Up line
SW205	LEJ	Leatherhead – Effingham Jn	18	02	22	15	8	Y	
SW210	RDG1	Clapham Jn – Point Pleasant Jn	3	74	5	09	8	R1	R1 Prohibited Wandsworth Town platform 2 (Down Windsor Fast line)
SW210	RDG1	Point Pleasant Jn – Richmond	5	09	9	57	8	Y	
SW210	RDG1	Richmond – Virginia Water	9	57	23	15	8	Y	
SW210	RDG1	Virginia Water – Wokingham Jn	23	15	36	35	8	R1	R1 Prohibited Ascot platform 2 (Down line)
SW210	RDG2	Wokingham Jn – Reading Spur Jn	61	72	67	76	8	Y	
SW210	RNJ	Reading Spur Jn – Route Boundary (GW190) (Reading New Jn)	67	76	68	00	8	Y	
SW210	RDG2	Reading Spur Jn – Reading Southern Jn	67	76	68	25	8	Y	
SW210	RLL	Route Boundary Western (Reading East Main Jn) – Reading Southern Jn	35	35	0	00	8	Y	
SW210	RDG2	Reading Southern Jn – Reading platforms 4A and 4B	68	25	68	68	8	Y	
SW220	CKL	Latchmere Jn No.3 – Latchmere Jn No.1 [Duplicated in SO250]	2	39	2	50	8	Y	
SW220	WLL	Latchmere Jn No.1 – Latchmere Jn No.2 [Duplicated in SO250]	0	63	0	68	8	Y	
SW220	WLL	Latchmere Jn No.2 – Kensington Olympia [Duplicated in SO250]	0	71	3	42	8	Y	
SW225	PPW	Point Pleasant Jn – Network Rail Boundary (TfL – District Line)	5	09	5	67	6	Y	
SW225	PPW	Network Rail Boundary (TfL – District Line) – Wimbledon North Jn (TfL infrastructure)	5	67	8	26	6	Y	

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

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