

NETWORK RAIL

Scotland Route

SC

Week No.

49

PERIODICAL OPERATING NOTICE

CONTAINING

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

INCORPORATING

SUPPLEMENT NO. 70 TO THE SCOTLAND ROUTE
SECTIONAL APPENDIX

SATURDAY 01 MARCH 2025
to
FRIDAY 06 JUNE 2025
inclusive

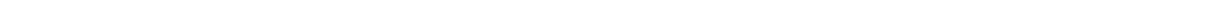
For additional items during the currency of this Notice, see Section D of the
Weekly Operating Notice (WON).

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

This notice comprises of 34 Pages

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

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ACKNOWLEDGEMENT SLIP

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

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

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

Full Name (in capitals): _____

Signature (in full): _____

Location: _____

Date: _____

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Introduction

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

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

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

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

Supplement to the Sectional Appendix

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

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

The Supplement is identified as Supplement No. 70 and is dated 01 March 2025. In line with current industry standards items published in the Supplement will not appear in future PONs.

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

**Enquiries concerning amendments to the :
NATIONAL OPERATING PUBLICATIONS SHOULD BE ADDRESSED TO
STEVE RAY, NETWORK OPERATIONS.**

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

**NETWORK RAIL SCOTLAND 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:

nnrons@theapsgroup.com

LATE OR NON-DELIVERY

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

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

Part A - Foreword

A1 Introduction

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

A2 Scope

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

A3 Implementation

The publication date of this document is **01 March 2025**.

A4 Technical content

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

A5 Definitions

Material change

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

Minor change

A minor change comprises of one of the following:

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

National Operations Publications

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

Periodical Operating Notice

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

Part B - Changes since previous issue

Amendment No	Publication and section
Part C - New amendments to National Operations Publications	
	No new amendments
Amendment No	Publication and section
Part D - Previous amendments to National Operations Publications	
	No change to previous amendments

Part C - New amendments to National Operations Publications

No new amendments

I

Part D - Previous amendments to National Operations Publications

GERT8000 Rule Book

Handbook RS523 GSM-R Handbook

8 Broadcast calls

Explanation of change

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

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

8.4 Acknowledged (safety) broadcast calls

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

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

Uses for safety broadcasts

Safety broadcast calls can be used for the following scenarios.

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

Scripts for safety broadcasts

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

Poor rail conditions

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

*Delete as appropriate.

Animals on or near the line

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

*Delete as appropriate.

Defective Emergency Indicators

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

Missing or obscured TSR board

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

*Delete as appropriate

** Insert name or location.

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

Unusual events

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

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

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

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

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

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

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

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

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

Explanation of change

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

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

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

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

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

Handbook RS524 List of Dangerous Goods and their United Nations numbers**Table 1****Explanation of change**

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

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

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

Amend: the following as shown:

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

Add: the following new entry:

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

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

Explanation of change

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

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

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

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

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

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

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

You must also:

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

3.5 Safe system of work (separated)

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

You must also:

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

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

Module TS1 General signalling regulations

Explanation of change

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

12.1 When this general signalling regulation must be used

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

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

Handbook RS524 List of Dangerous Goods and their United Nations numbers

Table 1

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

Amend: the following as shown:

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

Add: the following new entries:

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

Part E - Amendments summary

GERT8000 Rule Book

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

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Miscellaneous Instructions

SIGNAL BOX & GSM-R TELEPHONE NUMBERS – SCOTLAND

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'.

<u>LOCATION</u>	<u>PABX</u>	<u>EXTERNAL</u>	<u>SIGNAL PREFIX</u>	<u>GSM-R</u>
Aberdeen	04-67560	01224 577560	A	74 0231 01
Aberdeen SB	08563270	03308563270	unchanged	unchanged
Aberdeen SB (Fax)	085 63271	0330 856 3271	unchanged	unchanged
Annan	05-80247	01461 205064	AN	74 0129 01
Annat Gate Box	04-67709	01397 707709		
Arbroath	04-65247	01382 305247	AH	74 0222 01
Auchterarder	04-66394	01738 646394	AR	74 0235 01
Burntisland		03308526160		
Banavie North RETB	04-67703	01397 707703		
Banavie South RETB	04-67711	01397 707711		
Barrhead	04-54261	0141 335 4261	BD	74 1063 01
Barnhill	04-66388	01738 646388		
Barrhill	–	01465 821229	BR	74 0145 01
Blackford	04-66396	01738 646396	BK	74 0234 01
Blair Atholl	04-66378	01738 646378	BA	74 0244 01
Carmont	08563301	01382 305219	CM	74 0228 01
Carnoustie	04-65239	01382 305239	CA	74 0221 01
Cathcart	04-56327	0141 335 6327	C	74 0117 01
Cowdenbeath		03308526163		
Clachnaharry	04-65068	01463 245068		
COWLAIRS SC				
Cowlairs Workstation- Falkirk Tunnel (incl) to Queen Street High Level Greenhill Lower Junction (excl) to Greenhill Upper Junction (incl) Cowlairs West Jn (incl) to Cowlairs North Jn (incl) West Curve Cowlairs North Jn (incl) to Knightswood North Jn (excl) Maryhill Park Jn to Anniesland Bay (incl) Cowlairs South Jn to Sighthill West Jn (incl) Chord line Cowlairs North Jn (incl) to Cowlairs East Jn (incl) East Curve Sighthill West Jn (incl) to Cowlairs West (excl) Cowlairs Workstation-	04-52928	0330 852 6221	CC CE CQ CG GJ	74 0198 01
Cumbernauld Workstation – Greenhill Lower Jn (excl) to Garcosh Jn (incl) Greenhill Upper (excl) via Branch – Plean Larbert Jn to Polmont Jn EPB Carmuir East Jn to Carmuir West Jn Sighthill West Jn (excl) to Garcosh Jn Gartcosh Jn (incl) to Gartsherrie South Jn (excl) Springburn platform lines to Barnhill (incl) Railcare Arrival/Departure lines Garnqueen North Jn to Cowlairs West Jn	04-52435	0330 852 6252	CN CS ECL	74 0198 01

LOCATION	PABX	EXTERNAL	SIGNAL PREFIX	GSM-R
Craigro	04-65294	01382 305294	CO	74 0226 01
Cupar	04-64350	0330 8526159	CP	74 0217 01
Dalwhinnie	04-65125	01463 245125	DW	74 0243 01
Dumfries Station	05-80189	01387 257200	DS , DE	74 0128 01
Redford		03308526166		
Townhill Relay Room Phone		03308526167		
Ladbank Relay Room Phone		03308526168		
Cupar Signal Box Phone Phone		03308526169		
Charlestown Relay Room Phone		03308526170		
Dunblane	04-57211	0141 335 7211	DB	74 0233 01
Dunblane SB	085 30338	0330 853 0338	unchanged	unchanged
Dundee	085 63307	0330 856 3307	unchanged	unchanged
Dundee	085 63306	0330 856 3306	unchanged	unchanged
Dunkeld	04-66374	01738 646374	DK	74 0246 01
Dunragit	–	01581 400684	DR	74 0141 01
Shift Manager	04-62500	0330 852 6579		74 0200 01
Workstation 1 - Monktonhall to Border	04-62501	0330 852 6537	EA, ED, EF, EG EM, EP	74 0201 01
Workstation 2 - Craiglockhart Jn to Niddrie West, Abbeyhill to Monktonhall, Tweedbank to Newcraighall North Junction	04-62502	0330 852 6560	EP, EM, EMB	74 0202 01
Workstation 3 - Edinburgh to Haymarket Stn, Edinburgh to Abbeyhill	04-62503	0330 852 6561	E / EH	74 0203 01
Workstation 4 – Haymarket Stn to Newbridge, Haymarket Stn to Slatefore Jn, Haymarket Stn to South Gyle, Slateford to Cariglockhart Jn, Slateford Jn to Auchengray, Midcalder Jn to Fauldhouse	04-62504	0330 852 6582	EJ / ES EH / EAL	74 0204 01
Workstation 5 - Newbridge – Bathgate/Linlithgow	04-62505	0330 852 6584	EN / EW / EL	74 0205 01
Workstation 5 –Falkirk	04-62505	0330 852 6584	EN	74 0200 01
Tunnel (excl) – Bathgate/Linlithgow		0330 852 6584	EW	
Workstation 6 – South Gyle to Kirkcaldy, North Queensferry to Cowdenbeath	04-62506	0330 852 6602	EC, EO, EU, EV, EY, EAL	74 0206 01
Workstation 7 Kirkcaldy to Cupar (excl). Cowdenbeath to Thornton, Kirkcaldy to Hilton Jn (excl.) Thornton North Jn to Leven	04-62507	0330 852 6603	EB, EK, ER, ET, ETL, EPB, EPJ	74 0207 01
Errol	04-66386	01738 646386	ER	74 0239 01
Fort William	04-67701	01397 707701		
Fouldubs Jn	04-57242	0141 335 7242	FD	74 0258 01
Fouldubs SB	085 30336	0330 853 0336	unchanged	unchanged
Fouldubs SB (Fax)	085 63287	0330 856 3287	unchanged	unchanged
Girvan SB	085 63298	0330 856 3298		
Girvan SB Fax	085 63299	0330 856 3299		
Glenwhilly	–	01581 600332	GW	74 0140 01
Greenloaning	04-66397	01738 646397	GL	74 4242 01
INVERNESS SC				
Highland Workstation – Keith Jct (excl) to Nairn Nairn to Inverness (excl) Kingussie (excl) to Kinraig Aviemore, Carrbridge, Slochd, Tomatin, Moy, Berryden Junction to Inverurie	04-65091	03308 526 218	HE, HN, HK, HA, HC, HS, HT, HM, HD	74 0260 01
Paisley Signal Centre Telecoms Office Phone		03308526156		
Inverness Workstation	04-65149	03308 526 203	I	74 0240 01

<u>LOCATION</u>	<u>PABX</u>	<u>EXTERNAL</u>	<u>SIGNAL PREFIX</u>	<u>GSM-R</u>
Inverness RETB West	04-65103	03308 526 191		
Inverness RETB North	04-65162	03308 526 217		
WSSC - Ayr Workstation Phone Line		03308526157		
Barassie RR Telephone		03308526158		

LOCATION	PABX	EXTERNAL	SIGNAL PREFIX	GSM-R
Hilton Jn	04-66391	01738 646391	HJ	74 0236 01
Holywood	–	01387 720669	HW	74 0130 01
Huntly	04 59810	01466 794864	HT	74 0251 01
Hurlford (when closed/during light duty working calls & messages diverted to Kilmarnock)	04-58729	0141 335 8729	HF	74 0135 01
Insch	04 59808	01464 821352	IH	74 0249 01
Inverkeilor	04-65296	01382 305296	IK	74 0223 01
Inverness	04-65149	01463 245149	I	74 0240 01
Inverness RETB West	04-65103	01463 245103		
Inverness RETB North	04-65162	01463 245162		
Keith	04 59811	01542 886082	KJ	74 0252 01
Kennethmont	04 59809	01464 831664	KN	74 0250 01
Kilkerran	04-58544	01465 811445	KK	74 0137 01
Kilkerran SB	085 63285	0330 856 3285		
Kilmarnock	04-58735	0141 335 8735	K	74 1430 01
Kingussie	04-65053 (or via Control)	01540 661559	KG	74 0242 01
Kirkconnel	–	01659 67702	KC	04-58714
Laurencekirk	08563301	01382 305210	LK	74 0227 01
Leuchars	085 63310	0330 856 3310	unchanged	unchanged
Longforgan	085 63311	0330 856 3311	unchanged	unchanged
Longannet	04-64275	03308526164	LG	74 0257 01
Lugton (when closed/light duty working calls & messages diverted to Barrhead)	04-58736	0141 335 8736	LU	74 1510 01
Mauchline	04-58713	0141 335 8713	MM	74 0134 01
Millerhill SB	04-62287	0131 550 2287		
Montrose North	04-65297	01382 305297	MN	74 0224 01
MOTHERWELL SC.				
New Cumnock	04-58742	0141 335 8742	NC	74 0133 01
Perth	04-66270	01738 646270	P	74 0237 01
Polmont	04-57278	0141 335 7278		
Stanley Jn	04-66384	01738 646384	SJ, SJP	74 0247 01
Stirling – Kincardine (Signal prefix SK) (Stirling – Alloa – Longannet)	–	01786 446062		
Stirling Middle	04-57256	0141 335 7256	SM	74 0215 01
Stirling Middle SB	085 30337	0330 853 0337	unchanged	unchanged
Stirling North	04-57207	0141 335 7207	SN	74 0216 01
Stirling North SB	085 30335	0330 853 0335	unchanged	unchanged
Stonehaven	085 63286	0330 856 3286	unchanged	unchanged
Sinclair Town		03308526161		
Stranraer	–	01776 707199		
Tay Bridge South SB	085 63318	0330 856 3318	unchanged	unchanged
Tay Bridge South SB (Fax)	085 63319	0330 856 3319	unchanged	unchanged
Thornhill	–	01848 330873	TH	74 0131 01
Thornton		03308526162		
WSSC Hot Desk 2 Signaller Sitronix		03308526125		
Lochwinnoch TSC Modem		03308526125		
LANGBANK SIG REB		03308526127		
Paisley TSC MODEM		03308526128		
PAISLEY SC S&T MANAGER		03308526129		
PAISLEY SC S&T		03308526130		
Paisley Signal Centre Conference Room		03308526131		
Old Signal Centre Paisley S&T BOTHY PHONE		03308526132		
WSSC - Paisley Workstation Phone Line		03308526133		
Old Signal Centre Paisley MOM Phone		03308526134		
Elderslie RR Phone		03308526135		
Lochwinnoch Station Relay Room Phone		03308526136		
Paisley SC S&T SM		03308526137		
GLENGARNOCK STN RR Telephone		03308526138		

<u>LOCATION</u>	<u>PABX</u>	<u>EXTERNAL</u>	<u>SIGNAL PREFIX</u>	<u>GSM-R</u>
Paisley DC Telecoms TEST PHONE		03308526139		
Old Signal Box Paisley Telecoms Dept		03308526140		
Port Glasgow TSC Phone		03308526141		
Port Glasgow TSC Phone		03308526142		
GLASGOW IBROX SIG REB Phone		03308526143		
Ladyburn Relay Room Phone		03308526144		
DUNROD RR PHONE		03308526145		
WEMYSS BAY RR PHONE		03308526146		
Shift Manager (Glasgow)	04-54537	0141 335 4537	-	74 0111 01
Glasgow Central Workstation - Station area to Gantries B, C & D	04-54513	0141 335 4513	GG	74 0161 01
Bridge Street Workstation - From gantries B, C & D to Eglinton Street Jn and Through Sidings (when closed/during light duty working calls & messages diverted to West of Scotland SC – Glasgow Central workstation)	04-54514	0141 335 4514	GG	74 0112 01
Polmadie Workstation - Eglinton St. Jn & Terminus Jn to Shawfield, Shawfield & Dalmarnock to Rutherglen East Jn	04-54227 or 04-54375	0141 335 4227 or 0141 335 4375	GR	74 0114 01
Cathcart Workstation - Eglinton St. Jn to Crossmyloof including circle lines in Muirhouse area. Busby Jn, East Kilbride branch & Kennishead	04-54519	0141 335 4519	GC	74 0113 01
Shields Workstation - Smithy Lye & Terminus Jn (excl.) To Paisley Canal & Hillington East	04-54415	0141 335 4415	GS	74 0116 01
Paisley Workstation - Hillington West to Gourrock, Wemyss Bay and Dalry (excl)	04-55248	0141 335 5248	GP/GPD/ GPE/GP G /GPL/GP U /GPW	74 0100 01
Ayr Workstation - Dalry (incl.) to Largs, Ardrossan Harbour, Dalrymple Junction Chalmerston, Ayr Harbour and Gatehead.	04-55237 04-55242	0141 335 5237 0141 335 5242.	GPA/ GPB / GPH / GPK	74 0161 01
Shift Manager (Motherwell)	04 56304	0141 335 6304	-	74 0127 01
Newton Workstation - Cambuslang to Uddingston, Haughhead Jn (via Hamilton) to Kirkhill, Uddingston to Bellshill, Larkhall to Haughhead Jn	04-56205	0141 335 6205	GMN	74 0121 01
Whifflet Workstation - Rutherglen to Coatbridge line, Up and Down ML Perth lines to Garnqueen North Jn (excl) & Mossend Area	04-56421 or 04-56296	0141 335 6421 or 0141 335 6296	GMW/ GMY	74 0117 01
Motherwell Workstation - Garriongill to Motherwell (ML), Motherwell – Haughhead Jn, Holytown to Fauldhouse/ Holytown to Law Jn, South of Shieldmuir Jn on WCML up to and including Lanark Jn and Law Jn to Wishaw Central	04-56425 Or 04-56346	0141 335 6425 Or 0141 335 6346	GMM/ GMH/GM L	74 0119 01
Carstairs Workstation WCML from south of Lanark Jn to Auchengray on Cobbinshaw line(s) and up to and including GM862 / GM863 signals on the WCML	04-56430	0141 335 6430	GMC	74 0120 01

<u>LOCATION</u>	<u>PABX</u>	<u>EXTERNAL</u>	<u>SIGNAL PREFIX</u>	<u>GSM-R</u>
WEST OF SCOTLAND				
YOKER SC.				
Shift Manager	04-57552	0141 335 7552	-	74 1953 01
East workstation - Drumgelloch and Duke Street (incl) to Scotstounhill, (excl.), Drumchapel, Milngavie Branch	04-57636	0141 335 7636	YF/YH/Y S	74 1952 01
West workstation - Scotstounhill (incl.) and Drumchapel to Helensburgh and Balloch	04-57638	0141 335 7638	YC/YD/Y Y	74 1951 01
ELDERSLIE RR PHONE		03308526147		
Glengarnock RR Phone		03308526148		
WSSC - Ayrshire Workstation Phone Line		03308526149		
PAISLEY ST. JAMES Signalling REB Phone		03308526150		
Paisley SC Old Signal Box Track Mtce Office Telephone		03308526151		
Paisley SC Old Signal Box Track Mtce Office Telephone		03308526152		
Paisley SC Old Signal Box Track Mtce Office Telephone		03308526153		
Paisley SC Old Signal Box Track Mtce Office Telephone		03308526154		
Paisley SC Old Signal Box Track Mtce Office FAX		03308526155		

**GSM-R - OPERATIONS CONTROL CONTACT NUMBERS –
SCOTLAND**

NETWORK RAIL OPERATIONS CONTROL	GSM-R CONTACT NUMBER
Route Control Manager Scotland	74 3000 02

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

ELECTRICAL CONTROL ROOM	GSM-R CONTACT NUMBER
ECO Cathcart	74 4000 03

Miscellaneous Instructions

INTEGRATED CONTROL CENTRE TELEPHONE NUMBERS

<u>LOCATION DESK</u>	<u>PABX</u>	<u>EXTERNAL</u>	<u>SIGNAL PREFIX</u>	<u>GSM-R</u>
Incident Support Controller West	085 26220	0330 85 26220	-	-
Incident Support Controller East	085 26225	0330 85 26225	-	-
Route Control Manager	085 26624	0330 85 26224	-	74 3000 02
Incident Controller West: WSSC area of Control, WSSC Motherwell area of control, Yorker SC, G&SW route. Ayr-Stranraer, West Hihgland Line.	085 26271	0330 85 26271	-	-
Incident Controller East Edinburgh SC, E&G to Queen Street, All routes north of Ladybank/Polmont Jn/Greenhill Upper Jn, Perth to Inverness, Kyle, Wick and Thurso and Dundee to Aberdeen.	085 26235	0330 85 26235	-	-
Train Running Controller Endinburgh: E&G, Edinburgh/Polmont, Edinburgh – Ladybank, Winchburgh Jn – Dalmeny Jn, Edinburgh – Slateford, Edinburgh – Portobello Jn, to boundary (ECML), Edinburgh – Newcraighall, all routes north of Ladybank to Aberdeen, Edinburgh- Breich, Drumgelloch- Newbridge Jn.	085 26239	0330 85 26239	-	-
Train Running Controller Queen Street E&G, Queen Street – Polmount – Alloa and Dunblane, all routes north of Dunblane, to Inverness, Kyle, Wick and Thurso.	085 26272	0330 85 26272	-	-
Train Running Controller Central: WSSC Motherwell SC area to the boundary with West of Scotland SC excluding Eglington St Jn, Yorker SC area, West Highland Line, Glasgow Central to Breich, Boundary (WCML).	085 26237	0330 85 26237	-	-
Train Running Controller West: WSSC including Eglington St Jn to boundary with WSSC Motherwell, Cathcart Circle / GB&K, Glasgow Central, Gourrock, Wemyss Bay, Largs and Ayr, Ayr – Stranraer, Kilmarnock – Barassie, Kilmarnock – Barrhead, G&SW south of Kilmarnock, Newton-on-Ayr – Mauchline and Killoch	085 26236	0330 85 26236	-	-
Autumn Controller (manned seasonally)	085 26220	0330 85 26220	-	-

Miscellaneous Instructions

INTEGRATED CONTROL CENTRE TELEPHONE NUMBERS

NETWORK RAIL SCOTLAND ROUTE EMERGENCY AND URGENT CONTACT FACILITIES

All Train Crews are advised that activation of the Emergency Contact Button and use of the "300*" facility in Scotland connects the user to **Network Rail Integrated Control Centre**, West of Scotland Signalling Centre, Cowlares, Glasgow.

All concerned are reminded that this facility is for passing of emergency and urgent messages and **NOT** for customer enquiry purposes. Instances such as those should be directed to the appropriate Train Operating Company.

<u>ELECTRICAL CONTROL ROOM TELEPHONE NUMBERS</u>	<u>PABX</u>	<u>EXTERNAL</u>	<u>GSM-R</u>
Cathcart FOR EMERGENCY USE ONLY : <u>176</u> , or, if using NRN Band III radio, <u>2-176</u>	04 53989 04 53990 04 56399 04 62695	0141-632 3688 0141 632 5724 0141 335 4087 (Emergency Number)	74 4000 03

<u>ScotRail Control</u>	<u>PABX</u>	<u>EXTERNAL</u>
Maintenance Control	04-53590	0141 335 3590
TSDM Network East	04-52234	0141 335 2234
TSDM South Electric	04-52205	0141 335 2205
TSDM South Diesel & ONS	04-52581	0141 335 2581
TSDM Network North	04-53186	0141 335 3186
TSDM North Electric	04-53863	0141 335 3863
TSDM Network West	04 53189	0141 335 3189
Duty Operations Manager	04-52040	0141 335 2040

<u>LOCATION</u>	<u>PABX</u>	<u>EXTERNAL</u>	<u>SIGNAL PREFIX</u>	<u>GSM-R</u>
Portobello Depot S&T Office Phone		03308526569		
Edinburgh Waverley Station Emergency Public Telephone Platform 9E		03308526570		
Edinburgh IECC Local Operations Manager		03308526571		
Miller hill Relay Room Phone		03308526573		
Edinburgh IECC MOM Office Phone		03308526574		
Reston TSC Phone		03308526575		
Drem Relay Room Phone		03308526576		
Craigintenny Panel Room Phone		03308526577		
St Germain's Level Crossing Equipment Room Phone		03308526578		
Edinburgh IECC		03308526579		
East Linton TSC Phone		03308526580		
Grants house Relay Room Phone		03308526581		
Edinburgh IECC Work Station 4		03308526582		
Edinburgh IECC Asst Shift Manager Direct Line to Edinburgh Waverley Station Coordinators Office Platform 19		03308526583		
Edinburgh IECC Work Station 5		03308526584		
Longniddry TSC Phone		03308526585		
Edinburgh IECC SSM		03308526586		
Edinburgh IECC Control Technicians		03308526587		
Dunbar Relay Room Phone		03308526588		
Edinburgh Waverley Station Platform 1 & 20 Lift Phone		03308526589		
Edinburgh Waverley Station Platform 10 Lift Phone		03308526590		
Oxwellmains Relay Room Phone		03308526591		
Leith South Level Crossing		03308526592		
Emergency Public Telephone Platform 10/11		03308526593		
Portobello Depot S&T Office Phone		03308526594		
Edinburgh Waverley Station Emergency Public Telephone Main Concourse		03308526595		
Portobello OHL Depot		03308526596		
Edinburgh IECC Assistant Supervisor Panel Phone		03308526597		
Edinburgh Waverley Station Coordinators Office Platform 19 Direct Line to Assist Shift Manager IECC		03308526598		
Edinburgh Waverly Station - OPS Engineering Assistant Room 3 North Block Phone		03308526599		
Edinburgh Waverley Station Emergency Public Telephone - Platform 1		03308526600		
Edinburgh Waverley Station Emergency Public Telephone - Platform 20		03308526601		
Edinburgh IECC Work Station 6		03308526602		
Edinburgh IECC Work Station 7		03308526603		
Glasgow Central Station Managers Office FAX/ Printer	01413354078			03308526604
Barrhead Signal Box FAX	01413354102			03308526605
Glasgow Central Station Platform 12 Buffer End Telephone	01413354105			03308526606
Glasgow CENTRAL STATION HOPE STREET ENTRANCE BOOKING OFFICE COMMS ROOM Phone	01413354107			03308526607
RUTHERGLEN RELAY ROOM Telephone (Back Entrance)	01413354113			03308526608
NEWTON RELAY ROOM TELEPHONE	01413354170			03308526609
Glasgow Central Plat 17 Emergency Platform Telephone	01413354177			03308526610
Glasgow Central Plat 16 Emergency Platform Telephone	01413354178			03308526611
Possibly - Pumping station	01413354416			03308526657

Possibly - Pumping station	01413354420			03308526658
GLASGOW CENTRAL STATION ESCALATOR PLANT ROOM Modem	01413354369			03308526628
GLASGOW CENTRAL STN LOW LEVEL ESCALATORS modem	01413355030			03308526636
Modem	01413355090			03308526637
ARGYLE STREET STATION West End Plat Emergency Platform Telephone	01413354182			03308526612
ARGYLE STREET STATION East End Plat Emergency Platform Telephone	01413354195			03308526613
Apparatus Room Telephone	01413354199			03308526614
Cathcart ECR to York SCR Hotline	01413354208			03308526615
Glasgow New Kinning Park TSC Phone	01413355178			03308526616
WSSC Bridge Street Workstation Panel 2 ETD	01413354514			03308526617
Glasgow Central Station Platform 6 Buffer End Telephone	01413354219			03308526618
WSSC Polmadie Workstation Panel 5 ETD	01413354227			03308526619
Pollokshields East Feeder Station Phone	01413354272			03308526620
Muirhouse Relay Room Telephone	01413354275			03308526621
Glasgow Central Station Platform 8 Buffer End Telephone	01413354316			03308526622
Glasgow Central Station Comms Room Announcers Phone	01413354320			03308526623
Glasgow Central Station (Gents WC) Attendants Telephone	01413354337			03308526624
Glasgow Central Station Platform 10 Buffer End Telephone	01413354340			03308526625
Glasgow Central Station Platform 15 Buffer End Telephone	01413354346			03308526626
Glasgow Central Station - Station Manager Reception	01413354352			03308526627
Glasgow Central Station Platform 2 Buffer End Telephone	01413354400			03308526629
WSSC Shields Workstation Panel 6 ETD	01413354415			03308526630
MUIRHOUSE RELAY ROOM Phone	01413354432			03308526631
Glasgow Salkeld Street Old MOMS Office Phone	01413354502			03308526632
Barrhead Signal Box ETD	01413354261			03308526633
Shields (New) REB Phone	01413354706			03308526634
POLMADIE RELAY ROOM Phone	01413354739			03308526635
Station Middle REB	01413355158			03308526638
Station East REB	01413355159			03308526639
Glasgow Central Station Middle REB	01413355160			03308526640
Eglington Station REB	01413355161			03308526641
Glasgow Sidings North REB	01413355165			03308526642
WSSC Glasgow Central Workstation Panel 1 ETD	01413354513			03308526643
WSSC Polmadie Workstation Panel 5 ETD	01413354375			03308526644
WSSC SSM Workstation ETD	01413354537			03308526645
Shields Electric Traction Depot REB	01413355189			03308526646
GLASGOW SHIELDS WEST SIG REB Phone	01413355190			03308526647
GLASGOW SHIELDS EAST SIG REB Phone	01413355191			03308526648
Glasgow Central Station LIFT PHONE PLATFORM 1	01413354790			03308526649
Glasgow Central Station Announcers Room	01413354212			03308526650
Glasgow Central Station Platform 4 Buffer End Telephone	01413354218			03308526651
WSSC Cathcart Workstation Panel 3 ETD	01413354519			03308526652
Barrhead Signal Box ETD	01413354251			03308526653
BUSBY STN RELAY ROOM Phone	01413354527			03308526654
Glasgow Central Platform 15 to Plat 16 / 17 Lift Phone	01413354610			03308526655
Dial Tone : Can Not Locate	01413354239			03308526656
Possibly - Pumping station Phone	01413354625			03308526659
Possibly - Rutherglen TSC	01413354675			03308526660

TBC - Auto Glasgow Central Signalling Centre	01413355167			03308526661
Glasgow Central Station Manager Phone	0141 33 55131			03308526662
Glasgow Central Shift Station Manager (Lift Alarm)	0141 33 54068			03308526663
Glasgow Central Station Managers Office / Support Assistant	0141 33 54333			03308526664
Cadder HST Depot – Yard co-ordinator	03301092981	07385085115	N/A	N/A

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SC191 Dundee to Aberdeen	On the down main from CM13 signal at 219m 58ch to A55 signal at 238m 58ch and on the up main from A56 signal at 238m 59ch to CM9 signal at 219m 26ch
SC193 Perth to Inverness	From 16m 24ch at Dunkeld to at 34m 72ch at Blair Atholl on the Up/Down Highland Single Line.
SC193 Perth to Inverness	From 77m 68ch at Kinraig to 89m 56ch at Carrbridge on the Up/Down Highland Single Line. From 103m 33ch at Moy to 110m 66ch at Nairn Viaduct on the Up/Down Highland Single Line. From 111m 69ch to 115m 73ch Down Main Line on approach to Cradlehall and from 111m 46ch to 116m 37ch Up Main Line beyond Cradlehall.
SC195 Aberdeen to Inverness	From 0m 1563yds at Berryden Junction on the Elgin Single Line to 27m 612yds at Insch on the Elgin Single Line.
SC195 Aberdeen to Inverness	Between 30 m 34 ch at Keith Station on the East Single Line and 128m 30 ch on approach to Nairn Station on the East Single Line..
SC195 Aberdeen to Inverness	From 129m 32ch beyond Nairn Station on the East Single Line to 136m 28ch on approach to Inverness Airport Station on the East Single Line and Dalcross Loop From 136m 58ch beyond Inverness Airport Station on the East Single Line and Dalcross Loop to 142m 71ch beyond Lower Cullernie LC on the East Single Line

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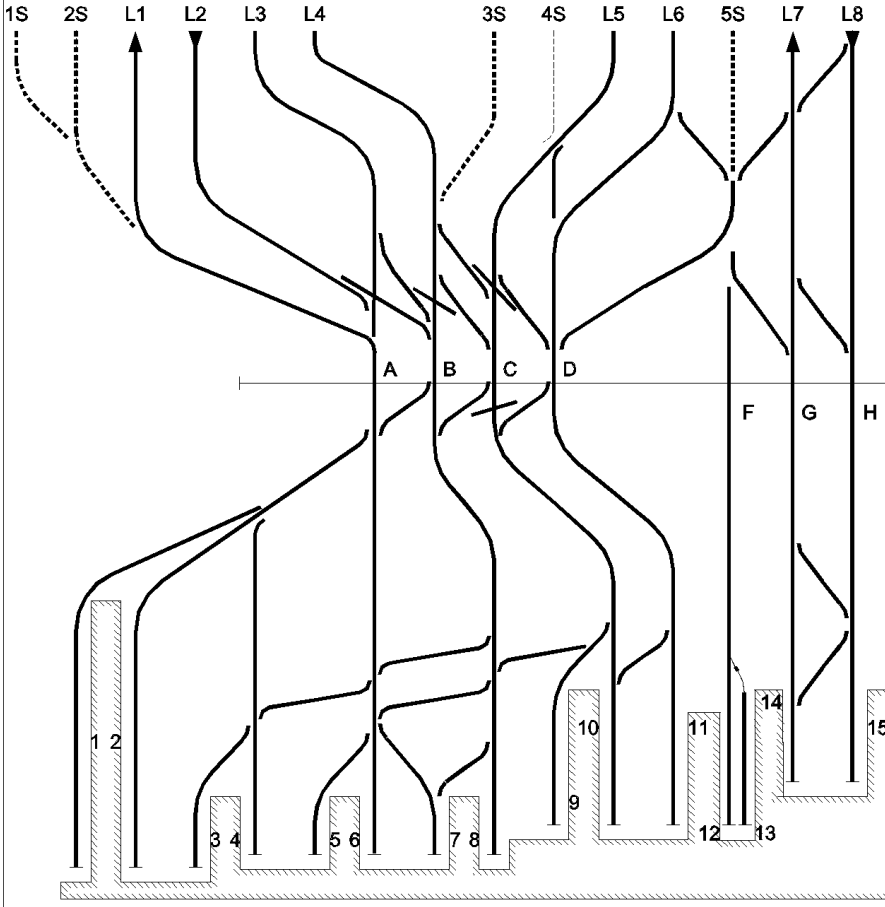
Scotland Route Sectional Appendix Module SC2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SC001	023	Gretna Jn to Glasgow Central (Via Beattock)	WCM2	Scotland	16/07/2018
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Rutherglen Central Jn		98 68 *			<div>TCB West of Scotland SC (GR) Polmadie Workstation AC: Cathcart ECR</div> <div>GSM-R</div>
		98 77			
		99 17 *			
		99 20			
		99 29 *			
Rutherglen West Jn					


Scotland Route Sectional Appendix Module SC2

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
SC001	024	Gretna Jn to Glasgow Central (Via Beattock)		WCM2	Scotland	06/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Shawfield Junction		99 63			<div> <div>TCB</div> <div>West of Scotland SC (G) Polmadie Workstation AC: Cathcart ECR</div> </div> <div>GSM-R</div> <div>TASS fitted Down Fast line throughout</div> <div>TASS fitted Up Fast line throughout</div> <div>UCG = Up Clydesdale Goods DCG = Down Clydesdale Goods</div>	


Scotland Route Sectional Appendix Module SC2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SC001	029	Gretna Jn to Glasgow Central (Via Beattock)	WCM2	Scotland	30/01/2016
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Gantry "A"					<p>TCB West of Scotland SC (GG) Glasgow Central Workstation AC: Cathcart ECR</p> <p>GSM-R</p> <p>L = Line S = Siding</p> <p>All lines are bi-directional unless otherwise shown</p> <p>20 mph over all lines and connections between the top of the page and Gantry "A"</p> <p>For details of lockouts in the station area see Local Instructions</p> <p>AWS not provided in this area</p> <p>15 mph over all lines and connections between Gantry "A" and the buffer stops</p> <p>Platforms 1-15 - PP</p>
GLASGOW CENTRAL		102 27			

Scotland Route Sectional Appendix Module SC2

LOR	Seq.	Line of Route Description	ELR		Route	Last Updated
SC003	001	Carstairs South Jn to Haymarket East Jn	ECA1	ECA2	Scotland	02/12/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks
Carstairs South Jn		73 17	<p>SC001 seq 11</p> <p>To Carstairs Station Jn SC005 seq 1</p>			<div>TCB</div> <div>West of Scotland SC Carstairs Workstation AC Cathcart ECR</div> <div>GSM-R</div> 
OHNS		73 24				
		73 47 *				
Carstairs East Jn		73 48				
(Change of ELR ECA1 to ECA2)		74 10				
		74 10				
		74 40 *				
		74 42 *				
		77 25				
Auchengray LC (AHBCX)		79 34				
Auchengray HABD (Up)		79 35				
OHNS		79 40				
			<div>Edinburgh IECC workstation 4 AC: Cathcart ECR</div>			

Scotland Route Sectional Appendix Module SC2

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
SC003	002	Carstairs South Jn to Haymarket East Jn			ECA2	Scotland	02/12/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Torpin LC (R/G)		85 03	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <div style="border: 1px solid black; padding: 2px;">T</div> </div> <div style="text-align: center;"> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 10px;">U</div> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 10px;">95</div> <div style="margin-bottom: 10px;">*</div> <div style="margin-bottom: 10px;">70</div> <div style="margin-bottom: 10px;">*</div> <div style="margin-bottom: 10px;">70</div> <div style="margin-bottom: 10px;">*</div> <div style="margin-bottom: 10px;">70</div> <div style="margin-bottom: 10px;">40</div> <div style="margin-bottom: 10px;">70</div> <div style="margin-bottom: 10px;">95</div> <div style="margin-bottom: 10px;">U</div> </div> <div style="margin-bottom: 10px;">D</div> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 10px;">95</div> <div style="margin-bottom: 10px;">*</div> <div style="margin-bottom: 10px;">70</div> <div style="margin-bottom: 10px;">*</div> <div style="margin-bottom: 10px;">70</div> <div style="margin-bottom: 10px;">*</div> <div style="margin-bottom: 10px;">70</div> <div style="margin-bottom: 10px;">40</div> <div style="margin-bottom: 10px;">70</div> <div style="margin-bottom: 10px;">95</div> <div style="margin-bottom: 10px;">D</div> </div> </div> <div style="margin-left: 20px;"> <div style="margin-bottom: 10px;">To Holytown SC007 seq 1</div> <div style="margin-bottom: 10px;">70</div> <div style="margin-bottom: 10px;">70</div> </div> </div> </div>			<div style="border: 1px solid black; padding: 5px; display: flex; justify-content: space-between;"> TCB Edinburgh IECC workstation 4 AC: Cathcart ECR <div style="text-align: center;"> <div style="font-size: 0.8em;">GSM-R</div>  </div> </div>	
Midcalder Jn		89 76					
Kirknewton LC (MCB-0D)		90 65					
KIRKNEWTON		90 70					

Scotland Route Sectional Appendix Module SC2

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
SC003	003	Carstairs South Jn to Haymarket East Jn			ECA2	Scotland	02/12/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
CURRIEHILL			<div><div>U</div><div>95</div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></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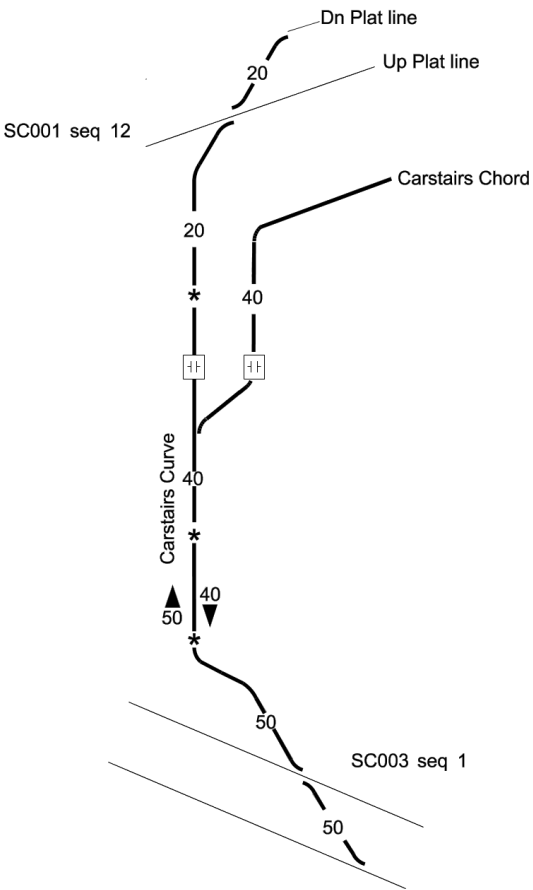

Scotland Route Sectional Appendix Module SC2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SC003	004	Carstairs South Jn to Haymarket East Jn	ECA2 ECA3	Scotland	02/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
					<div>TCB Edinburgh IECC workstation 4 AC: Cathcart ECR</div> <div>GSM-R</div>
		97 77 *			
Kingsknowe LC (MCB-OD)		97 79			
KINGSKNOWE		98 05			
SLATEFORD		98 75			
Slateford Jn (Change of ELR ECA2 to ECA3)		99 01 99 01			

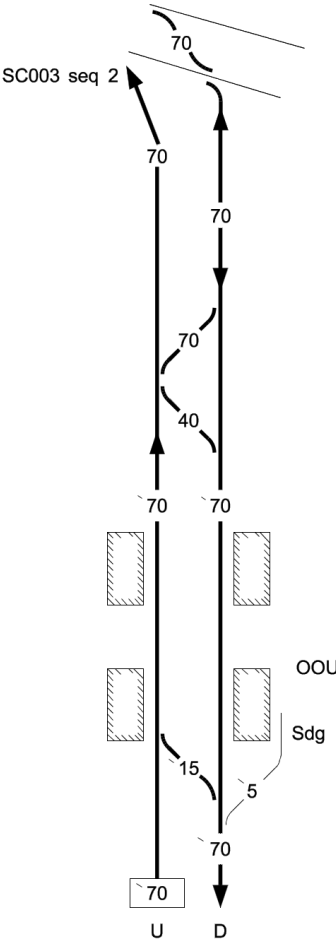

Scotland Route Sectional Appendix Module SC2

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
SC003	005	Carstairs South Jn to Haymarket East Jn			ECA3	Scotland	02/12/2024
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Haymarket East Jn			<div><div><div>U</div><div>70</div><div>*</div><div>60</div><div><div><div></div><div></div></div></div><div>40</div></div><div><div>D</div><div>70</div><div>*</div><div>60</div><div><div><div></div><div></div></div></div><div>40</div></div><div><div>40</div></div></div> <div>SC107 seq 3 SC147 seq 17</div>			<div>TCB Edinburgh IECC workstation 4 AC: Cathcart ECR</div> <div>GSM-R</div> <div><div></div></div>	
		99 25 *					
		100 21					
		100 26 *					
		100 41					

Scotland Route Sectional Appendix Module SC2

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
SC005	001	Carstairs Station Jn to Carstairs East Jn			CSP	Scotland	30/05/2023
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Carstairs Station Jn		73 39				<div>TCB</div> <div>West of Scotland SC Carstairs Workstation AC Cathcart ECR</div> <div>GSM-R </div>	
		73 56 *					
		73 60					
		73 71 *					
		74 00 *					
Carstairs East Jn		74 10					

Scotland Route Sectional Appendix Module SC2

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated	
SC007	001	Midcalder Jn to Holytown Jn	EGS2	Scotland	02/12/2024	
Location		Mileage MCh	Running lines & speed restrictions		Signalling & Remarks	
Midcalder Jn		23 11			<div>TCB Edinburgh IECC workstation 4 AC: Cathcart ECR</div> <div>OHNS</div>	<div>GSM-R</div> 
		22 67				
LIVINGSTON SOUTH		21 16				
WEST CALDER		18 28				
West Calder Goods GF		18 14				

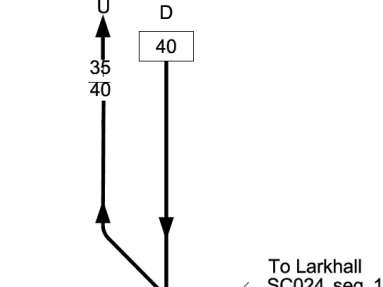

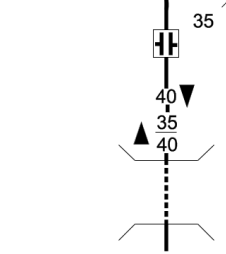
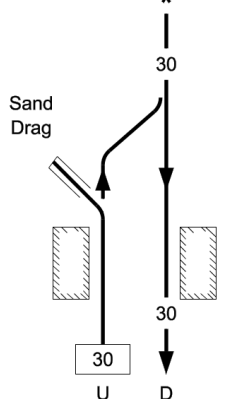
Scotland Route Sectional Appendix Module SC2

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated		
SC007	002	Midcalder Jn to Holytown Jn			EGS2	Scotland	02/12/2024		
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks			
ADDIEWELL		16 50				<div>TCB Edinburgh IECC workstation 4 AC: Cathcart ECR</div> <div>GSM-R </div>			
								<div>TCB West of Scotland SC Motherwell Workstation AC: Cathcart ECR</div>	
BREICH		14 00							
		13 20 *							
FAULDHOUSE		11 70							
		11 55 *							
Benhar Junction		11 03							

Scotland Route Sectional Appendix Module SC2

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
SC007	003	Midcalder Jn to Holytown Jn		EGS2	Scotland	13/07/2019
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
SHOTTS		8 30			TCB West of Scotland SC Motherwell Workstation AC: Cathcart ECR	
HARTWOOD		6 62			GSM-R 	
		5 45				
Bellside GF CE Sdg GF		3 60				
CLELAND		3 52				
		1 73 *				
CARFIN		1 69				
		1 56 *				
		1 45 *				
		1 44 *				
		1 39 *				
Holytown Jn		1 24			CW Up 1m 34ch OHNS ① 65 through jn to and from Midcalder lines	

Scotland Route Sectional Appendix Module SC2

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
SC023	002	Motherwell to Newton, Hamilton Jn (Via Hamilton)		HMN2	Scotland	19/01/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Haughhead Jn O.H.N.S.		6 22			<div>TCB</div> <div>West of Scotland SC Newton Workstation AC: Cathcart ECR</div> <div>GSM-R</div> <div></div> <div>Haughhead Jn lineside lockout See local instructions</div>	
		6 18				
		5 56				
Barncluith Tunnel 380 yards		5 79				
		to 5 62				
		5 20 *				
HAMILTON CENTRAL		5 14				
		5 03				

Scotland Route Sectional Appendix Module SC2

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
SC023	003	Motherwell to Newton, Hamilton Jn (Via Hamilton)			HMN2	Scotland	18/04/2017
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
HAMILTON WEST		4 60 *				TCB West of Scotland SC Newton workstation AC:Cathcart ECR	
		4 12					
		4 04 *					
Earnock Sdgs		3 62					
BLANTYRE		2 29					
		0 29 *					
		0 17 *					
Newton, Hamilton Jn		0 07					



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Scotland Route Sectional Appendix Module SC3

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SC055	001	Newton, Hamilton Jn. to Cathcart West Jn.		HMN2 KHL	Scotland	15/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Newton, Hamilton Jn		0 02 0 00			TCB West of Scotland SC Newton Workstation AC: Cathcart ECR	
Change of mileage (Change of ELR - HMN2 to KHL)		95 50			TS = Turnback Sdg SCL = South Connecting Line UK = Up Kirkhill DK = Down Kirkhill DNCL = Down North Connecting Line UNCL = Up North Connecting Line	
NEWTON		95 57				
Newton, Kirkhill Jn		95 74 * 95 77				
O.H.N.S.		96 06 * 96 14				

Scotland Route Sectional Appendix Module SC3

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SC055	002	Newton, Hamilton Jn. to Cathcart West Jn.	KHL	Scotland	18/04/2017
Location		Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks	
Kirkhill Tunnel 290 Yards		96 61	<div><div>UK DK</div><div><div><div>50</div></div></div><div><div><div>30</div></div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></div><div><div><div>50</div></div></di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Scotland Route Sectional Appendix Module SC6

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SC109	002	Polmont Jn to Greenhill Upper Jn (via Falkirk Grahamston)			PMT	Scotland	20/01/2025
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Jn points		23 71				<div>TCB</div> <div>Edinburgh SC (ECL)</div> <div>GSM-R</div> <div>Edinburgh IECC Cumbermauld WS AC Cathcart ECR</div> <div>TOWS installed between 23m 71ch and 23m 80ch</div>	
FALKIRK GRAHAMSTON		24 20					

Scotland Route Sectional Appendix Module SC6

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SC109	003	Polmont Jn to Greenhill Upper Jn (via Falkirk Grahamston)	PMT	Scotland	01/05/2018
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
CAMELON			<div><div>U</div><div>D</div><div><div>▲ 60</div><div>▼ 60</div></div></div>		<div><div>TCB</div><div>Edinburgh SC (ECL) AC: Cathcart ECR</div></div> <div>GSM-R</div> <div></div>
		24 51 *	<div><div><div>▲ 60</div><div>▼ 60</div></div><div><div>▲ 50</div><div>▼ 50</div></div></div>		
		25 18 *	<div><div>▲ 50</div><div>▼ 50</div></div>		
		25 36	<div><div>▲ 40</div><div>▼ 40</div></div>		
		25 43	<div><div>▲ 40</div><div>▼ 40</div></div>		
		25 49 *	<div><div>▲ 40</div><div>▼ 40</div></div>		
		25 58 *	<div><div>▲ 40</div><div>▼ 40</div></div>		
		25 61 *	<div><div>▲ 40</div><div>▼ 40</div></div>		
			<div><div>▲ 40</div><div>▼ 40</div></div>		
			<div><div>▲ 40</div><div>▼ 40</div></div>		
			<div><div>U</div><div>D</div><div><div>▲ 30</div><div>▼ 30</div></div></div>		

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19	03 March 2018

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Scotland Route Sectional Appendix Module SC8

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SC129	001	Springburn to Bellgrove Jn	SGN	Scotland	20/02/2016
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
SPRINGBURN		0 42			<p>Edinburgh SC (CS) AC: Cathcart ECR</p> <p>GSM-R</p> <p>Platforms 3 & 4 - PP Down (Platform 2): Start of GSM-R area at 0m 51ch Up (Platform 1): End of GSM-R area at 0m 52ch</p> <p>① = 35 mph through BARNHILL Applies to Freight trains only</p>
Sighthill East Jn		0 56			<p>Yoker SC (YS) East Workstation</p>
BARNHILL		0 73			

Scotland Route Sectional Appendix Module SC8

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
SC129	002	Springburn to Bellgrove Jn		SGN	Scotland	18/01/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
					<div> <div>TCB</div> <div>Yoker SC (YS) AC: Cathcart ECR</div> </div> <div>GSM-R</div> <div> </div> <p>Platform 1 out of use</p> <p>Additional AWS equipment at Duke Street (Down). See General Instructions "Automatic Warning System"</p> <p>SPAD indicator at Duke Street (Down). See General Instructions "Rule Book Module S1, Section 4.5 - SPAD Indicators"</p> <p>① = Through jn to / from Springburn lines</p>	
Barnhill Tunnel 130 yards		1 11 to 1 17				
Blochairn Tunnel 110 yards		1 53 to 1 58				
ALEXANDRA PARADE		2 06				
DUKE STREET		2 33				
Duke Street Tunnel 220 yards		2 40 to 2 50				
OHNS		2 52				
Bellgrove Jn		2 58				

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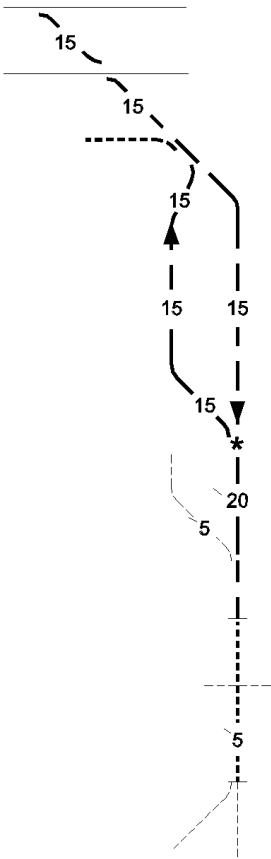
Scotland Route Sectional Appendix Module SC10

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
SC147	013	Berwick to Haymarket West Jn (Via Waverley)		ECM8	Scotland	27/12/2024
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Craigentinny		2 16	<p style="text-align: center;">Craigentinny T & RSD</p> <p>1 = No 1 Reception/Departure 2 = No 2 Reception/Departure 3 = No 3 Departure 4 = No 4 Departure</p> <p>To Powderhall SC153 seq 1 OOU</p>		<p>TCB Edinburgh SC (EP) AC:Cathcart ECR</p> <p>GSM-R</p>	

Scotland Route Sectional Appendix Module SC10

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SC147	014	Berwick to Haymarket West Jn (Via Waverley)	ECM8	Scotland	20/02/2016
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Abbeyhill Jn			<div>U D</div> <div><div>90</div><div>90</div><div>*</div><div>85</div><div>*</div><div>70</div><div>*</div><div>40</div><div>40</div><div>70</div><div>70</div></div> <div><div>90</div><div>*</div><div>85</div><div>*</div><div>40</div><div>70</div></div>		<div>TCB</div> <div>Edinburgh SC (E) AC:Cathcart ECR</div> <div>GSM-R</div> <div></div>
		1 41 *			
		1 05 *			
		0 62 *			
		0 61			
Calton North Tunnel 490 yards		0 50 0 47	<div><div>40</div><div>70</div><div>70</div></div> <div><div>40</div><div>70</div><div>70</div></div>		For details of tunnel lockouts see Local Instructions
Calton South Tunnel 400 yards		0 29 * 0 27	<div><div>*</div><div>30</div><div>20</div><div>20</div><div>20</div></div> <div><div>*</div><div>20</div><div>40</div><div>20</div><div>20</div></div>		
			<div><div>20</div><div>60</div><div>20</div><div>40</div><div>20</div></div> <div>N S SL</div>		<div>N = North Line</div> <div>S = South Line</div> <div>SL = South Platform Loop</div>

Scotland Route Sectional Appendix Module SC10

LOR	Seq.	Line of Route Description		ELR	Route	Last Updated
SC151	001	Portobello to Leith South Yard (Goods Line)		LHS1	Scotland	20/02/2016
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
Portobello		0 00	SC147 seq 12		<div>TCB</div> <div>Edinburgh SC (EP) AC:Cathcart ECR</div> <div>GSM-R</div> 	
		0 33 *				
Baileyfield GF		0 61	Ⓢ			
Notice Board		2 13				
Seafield LC TMO		2 16				
Leith South Yard		2 20			YARD WORKING applies between the notice board and Leith South Yard. The level crossing gates are operated by the shunter.	

Scotland Route Sectional Appendix Module SC10

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SC153	001	Craigentinny to Powderhall (Goods Line) OOU	CPH	Scotland	27/12/2024
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
Craigentinny	0 00	<p>SC147 seq 13</p>	OT	Edinburgh SC (EP)	GSM-R
	0 40 *				
Notice Board	1 52 *				
Stop Board (Network Rail Boundary)	1 78				
		To Powderhall Refuse Disposal Point			
			YARD WORKING applies between the notice board and the end of the line. See Local Instructions		

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SC171 (EDINBURGH WAVERLEY TO DUNDEE (VIA KIRKCALDY))

Trains or vehicles may be propelled in accordance with the Rule Book, Module TW1, Section 26 where shown below. These authorities are subject to any special conditions as to speed, length (feet with metric equivalent) or other feature as shown in the Remarks column.

A brake van (in which the competent person must ride) must be formed as the leading vehicle where denoted by the letters 'BV'.

Trains may be assisted in rear between the places listed below in accordance with the Rule Book, Module TW1, Section 15. The assisting locomotive must be coupled to the train. A shunting locomotive must not be used to assist in rear, nor must a train hauled by a shunting locomotive be assisted in rear, except where indicated.

From	To	Type of Train	Line(s)	Remarks
North Goods Loop Sig EH514	Haymarket Platform 1	Loco hauled ECS	Up North	May be propelled. BV

Dated: 07/12/13

SC171 EDINBURGH WAVERLEY TO DUNDEE (VIA KIRKCALDY)**TAY BRIDGE**

The disused esplanade platforms on the Tay Bridge are out of use.

Where the engineer takes possession of the line on the bridge and an engineer's train requires to work within the possession, a double line possession must be taken.

Movement restrictions - In normal working, only the following locomotive types are permitted onto the bridge – Class 20, 37, 47, 56, 57, 60, 66, 67, 68, 70, 73 and 97/3.

In normal working, only the following freight / engineering vehicles are permitted onto the bridge - TTA, KVA, JPA, PCA, JJA, JNA, JZA, KFA, HQA, IEA, MRA, MLA, MXA, YKA, YDA, YWA, FEA.

Wagons up to RA8 are permitted to use the bridge, conformation on a particular wagon's RA restrictions can be sought via Network Rail route control.

MU / HST trains are unrestricted in normal working.

Double - heading is prohibited except class 73's (or combination of 66/73) running light or hauling passenger coaching stock. Train failures on the bridge require either a barrier wagon of a minimum of 60 feet in length or recovery must be from the rear of the failed train where this will not result in locomotives being coupled together. This instruction does not apply to an HST which fails on the bridge.

Note - Network Rail Route Control will impose further, additional, movement restrictions during high or severe wind conditions. Dated: 20/04/2024

Dated: 25/01/2025

SC173 (INVERKEITHING CENTRAL JN TO THORNTON NORTH JN (VIA COWDENBEATH))

Trains or vehicles may be propelled in accordance with the Rule Book, Module TW1, Section 26 where shown below. These authorities are subject to any special conditions as to speed, length (feet with metric equivalent) or other feature as shown in the Remarks column.

A brake van (in which the competent person must ride) must be formed as the leading vehicle where denoted by the letters 'BV'.

Trains may be assisted in rear between the places listed below in accordance with the Rule Book, Module TW1, Section 15. The assisting locomotive must be coupled to the train. A shunting locomotive must not be used to assist in rear, nor must a train hauled by a shunting locomotive be assisted in rear, except where indicated.

From	To	Type of Train	Line(s)	Remarks
Inverkeithing North Jn	Inverkeithing East Jn	Engineers	Single	May be propelled. BV
Inverkeithing East Jn	Inverkeithing North Jn	Engineers	Single	May be propelled. BV
Thornton Yard	Townhill	Freight	Up	May be assisted in rear.

Dated: 07/12/13

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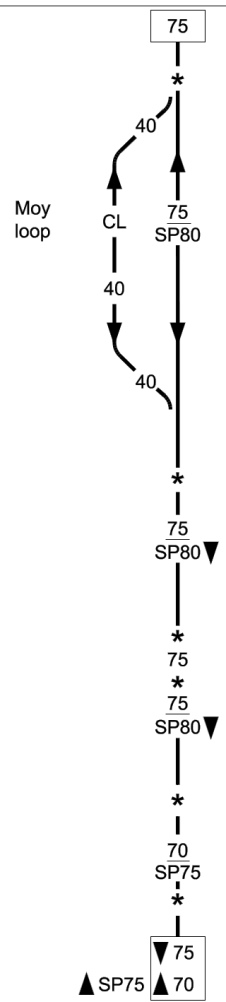

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SC193	019	Perth to Inverness			HGL2	Scotland	02/01/2025
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
South Pts		102 06 *				<div>TCB Inverness SC (HM) Highland Workstation</div> <div>GSM-R </div>	
North Pts		102 70 *				CL 1325f (400m) (64 SLU's)	
		103 23				<div>TCB Inverness SC (I) Inverness Workstation</div>	
		105 00 *				Axle counters between 103m 33ch and 110m 66ch	
		108 06 *					
		108 47 *					
		110 58 *					
		110 73 *					

Scotland Route Sectional Appendix Module SC13

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SC193	020	Perth to Inverness	HGL2	Scotland	02/01/2025
Location		Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks	
				<div> <div>TCB</div> <div>Inverness SC (I) Inverness Workstation</div> </div> <div>GSM-R</div> <div> <div>Axle counters 111m 69ch to 115m 73ch Down Main</div> <div>Axle counters 116m 37ch to 111m 46ch Up Main</div> </div>	
		111 07 *			
		111 14 *			
		111 30			
		111 32 *			
		116 37 *			

Scotland Route Sectional Appendix Module SC13

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
SC193	021	Perth to Inverness			HGL2	Scotland	02/01/2025
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Cradlehall		116 44	<div><div><div>U</div><div>55</div><div><div></div><div>55</div><div></div></div><div>55</div><div>55</div><div>55</div><div>U</div></div><div><div>D</div><div>55</div><div><div></div><div>55</div><div></div></div><div>55</div><div>55</div><div>40</div><div>D</div></div></div>			<div><div>TCB</div><div>Inverness SC (I) Inverness Workstation</div></div> <div><div>GSM-R</div><div></div></div>	
		117 32 *					

Scotland Route Sectional Appendix Module SC13

LOR	Seq.	Line of Route Description	Mileage		ELR	Route	Last Updated
SC193	022	Perth to Inverness	M	Ch	HGL2	Scotland	02/01/2025
Location			Running lines & speed restrictions			Signalling & Remarks	
			<div>From Aberdeen SC195 seq 17</div> <div><div><div>▲ 75 70 ▼</div><div>U 55 D 40</div></div><div><div>U 55 D 40</div></div><div><div>U 55 D 40</div></div><div><div>▲ 55 40 40 ▼</div><div>U D</div></div></div> <div><div>①</div><div>143 09</div><div>①</div><div>143 33</div><div>*</div><div>*</div><div>East Line</div></div> <div><div>TCB</div><div>Inverness SC (I) Inverness Workstation</div></div> <div><div>GSM-R</div><div>◆</div></div> <div><div>① = Aberdeen line mileage</div></div>				

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SC193	023	Perth to Inverness	HGL2	Scotland	02/01/2025
Location	Mileage M	Ch	Running lines & speed restrictions		
Millburn Jn	143	39 ①			
	117	37 ②			
	117	39 *	<p>*55 Board at toe of 157B points on Up line</p>		
Signalling & Remarks			<div>TCB</div> <div>Inverness SC (I)</div> <div>Inverness Workstation</div>		
			<p>① = Aberdeen line mileages ② = Perth line mileages</p>		

Scotland Route Sectional Appendix Module SC13

LOR	Seq.	Line of Route Description		ELR			Route	Last Updated
SC193	024	Perth to Inverness		HGL2	RSW	WCK	Scotland	02/01/2025
Location		Mileage M Ch	Running lines & speed restrictions				Signalling & Remarks	
Welsh's Bridge		117 56					TCB Inverness SC (I) Inverness Workstation 	
Rose Street LC (CCTV)		117 71					Staff crossing with white lights	
Inverness TCB and RETB SC (I)		117 77					ELR - HGL2 to Inverness Stn. RSW = Rose St. Curve WCK = Inverness Stn. to North lines	
		118 01 0 18					① = Station GF	
INVERNESS		118 03					Platforms 1-7 - PP UN = Up North DN = Down North	

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28	02 December 2017
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LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
SC195	011	Aberdeen to Inverness			ANI2	Scotland	22/08/2020
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Bridgend LC (UWC)		29 22	T	<div>70</div> <div>— —</div>			TB (SC) Keith Jn SB (KJ)
		28 38 *		<div>*</div>			
Muldearie No 2 LC (UWC)		28 20	T	<div>— —</div>			
Bush No 1 LC (UWC)		27 29	T	<div>60</div> <div>— —</div>			
Rosarie LC (AOCR)		27 20		<div>— —</div>			
		26 49 *		<div>*</div>			
Tam LC (UWC)		25 76	T	<div>— —</div>			
				<div>70</div>			
		24 72 *		<div>*</div>			
		21 60	T	<div>60</div>			
		21 32 *		<div>*</div>			
		12 45					
				<div>75</div>			

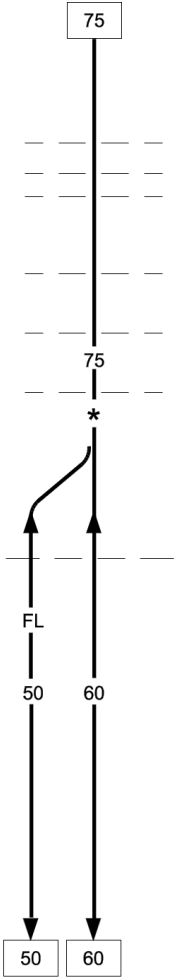



AOCR = Automatic Open
Crossing Remotely monitored

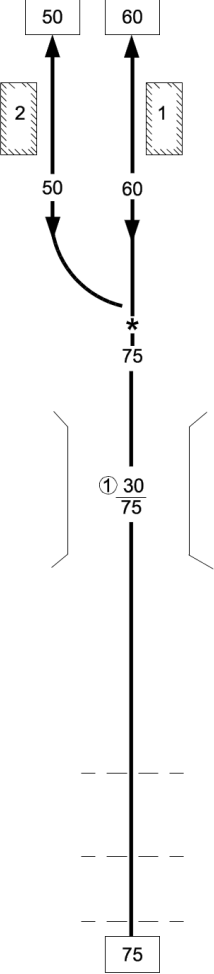

Scotland Route Sectional Appendix Module SC14

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
SC195	012	Aberdeen to Inverness			ANI2	Scotland	02/01/2025
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
ELGIN		12 49 *				TB (SC) Keith Jn SB (KJ) 	
		12 45 *				EL - Elgin Loop Up - 548m (599y), 85 SLU Down - 587m (642y), 91 SLU Platform Lengths Platform 1 - 160m (175y) Platform 2 - 161m (177y)	
		12 18				TCB Inverness SC (HE) Highland Workstation	
Elgin LC (CCTV)		11 74				LOD (T) Platform 1 LOD (T) Platform 2	
		11 58 *					
Allarburn Farm LC (UWC)		10 55					
Inverlochty No 1 LC (UWC)		10 09					
Lochinver Farm LC (UWC)		10 02					
Wards LC (UWC)		7 79					

Scotland Route Sectional Appendix Module SC14

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
SC195	013	Aberdeen to Inverness			ANI2	Scotland	02/01/2025
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
						<div>TCB</div> <div>Inverness SC (HE) Highland Workstation</div> <div>GSM-R</div> 	
Newton of Struthers LC (UWC)		3 64	T				
Kinloss Farm LC (UWC)		3 24	T				
Kinloss LC (AHBC)		2 75					
Seapark No 2 LC (UWC)		2 51	T				
Springfield No 1 LC (UWC)		1 07	T				
Bogton Nursery LC (RG)		0 71	T				
		0 64 *					
Mosset Park LC (UWC)		0 28	T				
			<div>FL</div> <div>50</div> <div>60</div>			<div>FL - Forres Loop</div> <div>Up Direction - 1155m (3789f), 180 SLU's</div> <div>Down Direction - 1289m (4229f), 201SLU's</div>	

Scotland Route Sectional Appendix Module SC14

LOR	Seq.	Line of Route Description			ELR		Route	Last Updated
SC195	014	Aberdeen to Inverness			ANI2	ANI3	Scotland	02/01/2025
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks		
FORRES		0 07				<div>TCB</div> <div>Inverness SC (HE) Highland Workstation</div> <div>GSM-R</div> <div>  </div> <div>Platform Lengths: Platform 1 - 160m/175y Platform 2 - 160m/175y LOD (T) Platforms 1 and 2</div>		
(Change of ELR AN12 to AN13)		0 00				<div>① = applies to any vehicle or locomotive RA7 or above (over Findhorn viaduct)</div>		
		119 29						
		119 58 *						
Findhorn Viaduct		119 73 to 120 01						
Longley LC (UWC)		121 60						
Brodie LC (AHBC)		122 61						
Ellands No 3 LC (UWC)		124 23						

Scotland Route Sectional Appendix Module SC14

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
SC195	015	Aberdeen to Inverness			ANI3	Scotland	02/01/2025
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Easterton LC (UWC)		125 22				TCB Inverness SC (HE) Highland Workstation GSM-R NL - Nairn Loop 400m (437y), 62 SLU's Platform 1 - 354m (387y) Platform 2 - 239m (261y) ① Loading Bank is OOU CL 1380f (420m) (66 SLU's)	
Drumduan No 2 LC (UWC)		126 61					
Nairn East		128 63 *					
NAIRN		128 72					
Nairn GF							
Nairn West		129 04 *					

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
SC195	016	Aberdeen to Inverness	ANI3	Scotland	02/01/2025
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Dalcross Loop East Points		136 13 *			<div><div>TCB</div><div>Inverness SC (HE) Highland Workstation</div></div> <div>GSM-R</div> <div>LOD (T) 8501 East Single Line & Dalcross Loop from 705 points to 707 points</div> <div>Dalcross Loop Up direction 730 M Down Direction 715 M</div> <div>Platforms 1 & 2 160 M</div> <div>LOD (T) 8501 East Single Line & Dalcross Loop from 705 points to 707 points</div> <div>LOD (K) O.O.U. Norbord Sidings O.O.U.</div>
INVERNESS AIRPORT		136 43			
Dalcross Loop West Points		136 72 *			
Lower Cullernie LC (OMSL)		140 00 *			
Allanfearn LC (AHBC)		140 55			

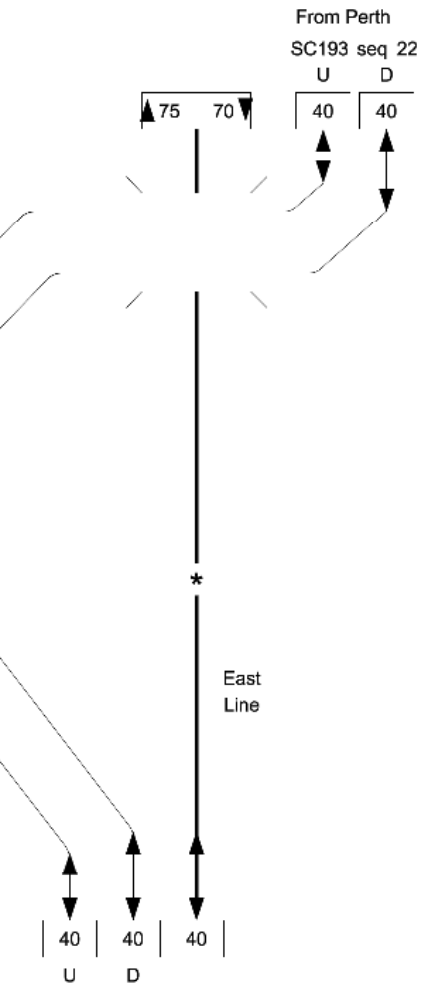
Scotland Route Sectional Appendix Module SC14

LOR	Seq.	Line of Route Description	Mileage		Running lines & speed restrictions	ELR	Route	Last Updated
SC195	017	Aberdeen to Inverness	M	Ch		ANI3 HGL2	Scotland	02/01/2025
		Location					Signalling & Remarks	
							TCB	Inverness SC (I) Inverness Workstation
								GSM-R
							Axle counter area ends 142m 71ch	
							ELR - HGL2 applies to Perth lines.	

Raigmore LC (CCTV)

143 09

143 33 *



Scotland Route Sectional Appendix Module SC14

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
SC195	018	Aberdeen to Inverness			HGL2	Scotland	02/01/2025
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Millburn Jn		143 39 ①				<div>TCB</div> <div>Inverness SC (I) Inverness Workstation</div> <div>① = Aberdeen line mileages ② = Perth line mileages</div>	
		117 37 ②				<div>GSM-R</div>	

Scotland Route Sectional Appendix Module SC14

LOR	Seq.	Line of Route Description	ELR			Route	Last Updated
SC195	019	Aberdeen to Inverness	HGL2	RSW	WCK	Scotland	02/01/2025
Location		Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Welsh's Bridge		117 56				<div>TCB</div> <div>Inverness SC (I)</div> <div>Inverness Workstation</div> <div>GSM-R</div>	
Rose Street LC (CCTV)		117 71				<div>Staff crossing with white lights.</div> <div>ELR - HGL2 to Inverness Stn.</div> <div>RSW = Rose St. Curve</div> <div>WCK = Inverness Stn. to North lines</div>	
Inverness TCB and RETB SC (I)		117 77				<div>① = Station GF</div>	
		118 01 0 18 (North lines only)				<div>Platforms 1-7 - PP</div>	
INVERNESS		118 03				<div>UN = Up North</div> <div>DN = Down North</div>	

Scotland Route Sectional Appendix Module SC14

LOR	Seq.	Line of Route Description			ELR	Route	Last Updated
SC197	001	Kittybrewster GF to Waterloo Goods (Goods Line)				Scotland	17/08/2019
Location		Mileage M Ch	Running lines & speed restrictions		WRO	Signalling & Remarks	
Network Rail Boundary		0 03				<div><div>TCB</div><div>Inverness SC (HD) Highland Workstation</div></div> <div></div> <div>① = Handpoints No.1</div> <div>② = Handpoints No.2</div> <div>③ = Handpoints No.3</div>	
Kittybrewster Junction		1 24					

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10	02 March 2024
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48	04 June 2022
49	02 March 2019
50	02 March 2019
51	03 October 2009
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55	03 September 2022
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LOR	Seq.	Line of Route Description		ELR			Route	Last Updated
SC203	001	Inverness to Wick		HGL2	RSW	WCK	Scotland	02/01/2025
Location		Mileage M Ch	Running lines & speed restrictions				Signalling & Remarks	
Welsh's Bridge		117 56					TCB Inverness SC (I) Inverness Workstation GSM-R	
Rose Street LC (CCTV)		117 71					Staff crossing with white lights. ELR - HGL2 to Inverness Stn. RSW = Rose St. Curve WCK = Inverness Stn. to North lines	
Inverness TCB and RETB SC (I)		117 77						
		118 01 0 18						
(North lines only)		118 03	UN = Up North DN = Down North				Platforms 1-7 - PP	

Scotland Route Sectional Appendix Module SC15

[illegible]