# **Module SC5**

# Scotland Route

# Sectional Appendix Module 5

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## LIST OF MODULE PAGES AND DATES

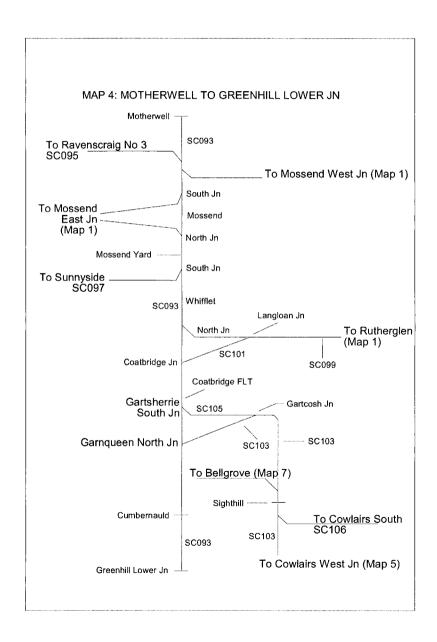
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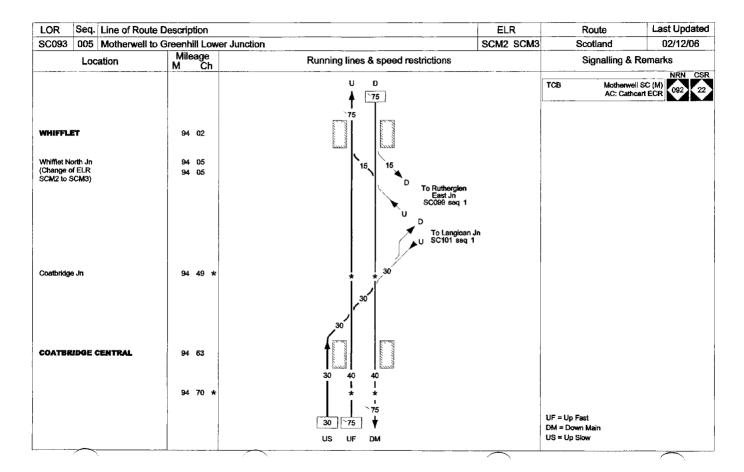
LOR Seq. Line of Route	te Description	ELR	Route	Last Updated
SC093 001 Motherwell to	to Greenhill Lower Junction	SCM1	Scotland	02/12/06
Location	Mileage M Ch Running lines & speed restrictions		Signalling &	
Matherwell	89 51 SC001 seq 16 15 1 15 1 SC001 seq 16	-	TCB Motherw AC: Cath	ell SC (M) og2 24
DGL entry points Findlay's GF (Up side) OHNS	89 63 Sdg Sdg 15		① Through all connections between main lines and Coatbridge lines	
Braidhurst Loops  OHNS  Braidhurst No.1 GF (Down side)  UGL entry points	90 06	well	UGL (PF) 1810f (550m) (86 SLU's) DGL (PF) 1410f (430m) (67 SLU's)	
	715   775   V D			

LOR Seq. Line of Rou	te Description		ELR	Route	Last Updated
SC093 002 Motherwell	to Greenhill Lower Juncti	on	SCM1 SCM2	Scotland	02/12/06
Location	Mileage M Ch	Running lines & speed restrictions		Signalling &	Remarks
(Change of ELR SCM1 to SCM2) Mossend South Jn	91 08	To Mossend East Jn SC017 seq 1 U D		TCB Motherwell S AC: Cath	C (M.MS) 992 23

7

LOR Seq. Line of Rout	e Description	_	ELR	Route	Last Updated
SC093 003 Motherwell t	o Greenhill Lower June	etion	SCM2	Scotland 02/12/0	
Location	Mileage M Ch	Running lines & speed restrictions		Signalling &	
		To Mossend D 75		TCB Motherwell SC AC:Cath	(MS,MY) 092 23
Mossend North Jn	91 42	East In SC015 seq 1		① = Through Jn UR = Up Reception DR = Down Reception DRY = Down Reception Year  DGL 1900f (576m) (90 SLU's)	rd
Mossend Yard			5     1     No3 5   DRY     No4     DRY	No 1 DR 1815f (550m) (86 SLU's) No 2 DR 1815f (550m) (86 SLU's) No 1 UR 1791f (543m) (85 SLU's) No 2 UR 1692f (513m) (80 SLU's) No 3 UR 1692f (513m) (80 SLU's)	

LOR Seq. Line of R	oute Description		ELR	Route	Last Updated
SC093 004 Motherwe	ell to Greenhill Lower Juncti	on	SCM2	Scotland	02/12/06
Location	Mileage M Ch	Running lines & speed restrictions		Signalling &	
		75 75 5		TCB Motherwell S AC: Cart	NRN CSR C (M,MB) hcart ECR 092 23
Bumhouse	92 12	15, 5		DD = Down Departure	
		DA DD		DA=Down Arrival	
	93 20 *	30			
	93 40 *				CSR 22
	93 48 *	* /   <sub>20</sub> /			
Whifflet South Jn	93 65 U	20 75 To Sunnyside SC097 seq 1 U D			



LOR Seq. Line of Ro	ute Description		ELR	Route	Last Updated
SC093 006 Motherwel	I to Greenhill Lower Junctio	n	SCM3	Scotland	02/12/06
Location	Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
		US UF DM  75  75  75  15  15  15  15  15  15  15		TCB Motherweil SC AC: Cati	c (M) (MG) heart ECR 092 22
Gartsherrie South Jn	95 64 *	* * 25 50 50	To Gartcosh Jn SC105 seq 1	Limit of OLE	
	96 05 *	! I * *			
Heatherbell LC (CCTV)	96 17	`70 <b>†</b>			
		U D			

LOR Seq. Line of Rout	e Description		ELR	Route	Last Updated
SC093 007 Motherwell t	o Greenhill Lower Junctio	n	SCM3	Scotland	02/12/06
Location	Mileage M Ch	Running lines & speed restrictions		Signalling &	
		U D D To Cov	<i>Mai</i> rs	TCB Cowlain	s SC (CN)
Gamqueen North Jn	97 05	West Ji SC103	seq 1	(1)= Through Jn to/from Cov West Jn	wlairs
		PF		DGL 2130f (650m) (101 SLU's)	
Greenfoot LC (CCTV)	97 60	70 † U D			

LOR Seq. Line of Rout			ELR	Route	Last Updated
SC093 008 Motherwell	to Greenhill Lower Juncti	חכ	SCM3	Scotland	02/12/06
Location	Mileage M Ch	Running lines & speed restrictions		Signalling &	
		∪ D ↑ 70 ↑ 70		TCB Cowtains	SC (CN)
GREENFAULDS	100 43				
CUMBERNAULD	101 18	157			
	102 34 *				
	103 00 *	65 65 DRS 		DRS 800f (240m) (38 SLU's)	
	106 20 *				
	106 47 *	To Greenhill 50 50 Upper Jn SC107 seq 13			
Greenhill Lower Jn	106 63 SC119	1. 1		Greenhi	il Jn (GJ)

LOR Seq. Li	ine of Route D	escription		ELR	Route	Last Updated
SC097 001 W	/hifflet South J	unction to Sunnys	side Junction (Goods line)	SYE	Scotland 02/	
Locati	on	Mileage M Ch	Running lines & speed restriction	ıs	Signalling &	
					TCB Motherw AC	ell SC (M) O92 Cathcart
Whifflet South Jn		9 63	SC093 seq 4 20 ①		① = Thro' all connections be Coatbridge lines and G	
Whifflet GF		9 45	30 30 30 30 June 10 Ju		CW Up 9m 1430y UG = Up Goods DG = Down Goods	CSR
Signals M243/M245		9 14	30		Yoke	72 72
OHNS		8 78 8 77 *	30 			
Sunnyside Jn		8 43	10 			
			10			

LOR	Seq.	Line of Ro	ute Description		ELR		Route	Last Updated	
SC099	001	Whifflet No	orth Junction to Ruthergl	en East Junction	Scotland 02/12/06				
	Loc	ation	Mileage M Ch	Running lines & speed n	estrictions		Signalling & Remarks		
Whittlet N	orth In		0 00	SC093 seq 5			TCB Motherwe	ell SC (M) 092	
vi iiii				15 ① / 15 ①   15 ①   140 × 40			① = Through jn S Down 0m 3ch		
			0 25 *						
(Change of RSL2 to R	of ELR (SL1)		0 34 * 6 59	D * * * 0 Coatbridge Jn 40 40					
				30			CW Up 6m 38ch		
Langlean (Change of RSL1 to R	A ELR		6 34 + 6 34	50 50 55					
				50 <b>V</b>					

LOR Seq.	Line of Rout	e Description		ELR	Route	Last Updated
SC099 002	Whifflet Nor	th Junction to Rutherglen	East Junction	RCB	Scotland	02/12/06
Loc	ation	Mileage M Ch	Running lines & speed restrictions		Signalling &	
KIRKWOOD		6 04 6 00 *	50 +		TCB Motherw	NRN 992
		5 40 * 5 20 *	20			
BARGEDDIE		5 02				
		4 20 *	* * * *			
BAILLIESTON		3 29				
			35 70 35 70 U D			

LOR Seq. Line of Ro			ELR	Route	Last Updated
SC099 003 Whifflet N	orth Junction to Rutherglen	East Junction	RCB	Scotland	02/12/06
Location	Mileage M Ch	Running lines & speed restrict	ions	Signalling &	
		U D 35 70 35 70		TCB Motherw	ell SC (M)
MOUNT VERNON	2 48				
CARMYLE	1 42			Glasgow Centr	rai SC (G)
	1 09 *				
Rutherglen East Jn	-0 04 S	55 55 55 55 55 55 55 55 55 55 55 55 55		US = Up Slow DS = Down Slow	

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Location Mileage M Ch Running lines & speed restrictions Signalling & Remarks  TCB Motherwell SC (M) Signalling & Remarks  TCB Motherwell SC (M) Signalling & Remarks  TCB Motherwell SC (M) Signalling & Remarks		of Route Description		ELR	Route	Last Updated
Coatbridge Jn 7 03 SC093 seq 5 30 30 30 30 30 30 30 30 30 30 30 30 30	SC101 001 Coath	oridge Jn to Langloan Jn		RCB	Scotland	02/12/06
Coatbridge Jn 7 03 SC093 seq 5 30 30 30 30 30 30 30 30 30 30 30 30 30	Location	Mileage M Ch	Running lines & speed restrictions		Signalling &	
Langloan Jn 6 34 SC099 seq 1 30	Coatbridge Jn		30		TCB Motherw	ell SC (M) 092
	Langkoan Jn	6 34	SC099 seq 1 30			

LOR Seq. Line of Route	e Description		ELR	Route	Last Updated
SC103 001 Garnqueen N	North Jn to Cowlairs We	est Jn	CBD1 CBD2	Scotland	02/12/06
Location	Mileage M Ch	Running lines & speed restrictions		Signalling &	Remarks
Gamqueen North Jn	1 33	SC093 seq 7  40①  40①  40①  40①	TCB Cowlairs SC (C		
		70 70 To Gartsherrie South Jn SC105 seq 1		① = Thươ' jn at Gamqueen N	North
Gartcosh Jn (Change of ELR CBD1 to CBD2)	0 00 0 00 97 09 *	15 ③ * 15 55 60		② = Through junction from Gamqueen North Jn ③ = Through junction to/from Gartsherrie South Jn	n
Gartcosh GF	(S)	Sidings (OOU)			
GARTCOSH	97 31				
	97 40 *	70			
		م ں			

LOR Seq. Line of Ro			ELR	Route	Last Updated		
SC103 002 Gamquee	n North Jn to Cowlairs West	Jn	CBD2	Scotland	02/12/06		
Location	Mileage M Ch	Running lines & speed restrictions	s	Signalling &			
		U D ↑ [70] 70		TCB Cowlairs SC (CN&CC)			
Heathfield LC (UWC)	98 31 T						
STEPPS	99 64 T						
	101 74 *	<b>. .</b>					
		60 60 					
	102 14 *	<b>;</b> ;					
		   70					
	103 00 *						
		`25					
		<b>≥25 ♥</b> U D					
		· -					

LOR Seq.	Line of Route D	escription		ELR	Route	Last Updated	
SC103 003	Garnqueen Nor	th Jn to Cowlairs V	/est Jn	CBD2 SGN	Scotland	02/12/06	
Loca	ition	Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks		
			To Beligrove SC129 seq 1 25 To Railcare		TCB Cowlairs	SC (CC)	
(Change of ELR CBD2 to SGN)		103 41 0 61	15 15		N - Notice board (780 yards from Sighthill East Jn)		
Sighthill East Jn  SPRINGBURN		0 56	15 15 15 17		NOTE CHANGE OF DIREC' Sighthill East Jn	TION at	
Sighthill West Jn		0 40 *	DN UP▼  25 ▼ 25  25 ▼ 25  25  25  25  25  Chord  To Cowlairs South Jn SC106 seq 1		Additional AWS equipment a SPRINGBURN (Up and Dow Up Direction) See General Instructions her 'Automatic Warning System'	m lines,	
Cowtairs West Jn		-0 01 -0 20	SC107 seq 17   25   20 (1)   20   15   15   15   15   15   15   15   1		① = Through Jn		

LOR Seq. Line of Rou	ute Description		ELR	Route	Last Updated
SC105 001 Gartsherrie	South Jn to Gartcosh	Jn	GHE	Scotland	02/12/06
Location	Mileage M Ch	Running lines & speed restrictions		Signalling &	
Gartsherrie South Jn	95 64	SC083 seq 6		TCB Motherwell	SC (MG)
Gartcosh Jn	97 06	25     15①   SC103 seq 1		Cowlaire  1 = Through in	s SC (CN)

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LOR Se	eq. Line o	f Route Description		ELR	Route	Last Updated		
SC106 0	01 Sight	nill West Jn to Cowlairs Sou	th Jn (Chord line)	PNS	Scotland	02/12/06		
L	Location	Mileage M Ch	Running lines & speed restri	ictions	Signalling & Remarks			
Sighthill West	Jn	0 30	SC103 seq 3		TCB Cowlairs SC	((CC,CQ)) NRN (992		
Cowtains South	th Jin	0 00	SC115 seq 18 20① 40		(1) = Thro' connections to I Chord line	fom		

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# Table D1 - Route clearance of diesel multiple unit trains

To be read in conjunction with General Notes.

Line of route	Line of Route / Sector Description	Her	14X	150	153	155	156	158	170	Notes
SC093	Motherwell to Greenhill Lower Jn.	Υ	N	Y	Y	Y	Y	R1	Y	R1 PROHIBITED Motherwell to Coatbridge Jn. (excl) Doors must not be opened at Coatbridge Central stn. (Down
SC097	Whifflet South Jn. to Sunnyside Jn. (Goods Line)	R1	N	R1	R1	R1	R1	N	N	platform) R1 SPECIAL ARRANGEMENTS APPLY. SEE GENERAL INSTRUCTION HEADED "WORKING OF PASSENGER TRAINS OVER GOODS LINES OR GOODS LOOPS"
SC099	Whifflet North Jn. to Rutherglen East Jn.	Y	N	Υ	Y	Y	Y	R1	Y	R1 PROHIBITED Whifflet N Jn. to Langloan Jn. (excl)
SC101	Coatbridge Jn. to Langloan Jn.	Y	N	Y	Υ	Y	Y	Υ	Y	
SC103	Garnqueen North Jn. to Cowlairs West Jn.	Y	N	Y	Y	Y	Y	Y	Υ	
SC105	Gartsherrie South Jn. to Gartcosh Jn.	Y	N	Y	Y	Υ	Y	Y	Y	
SC106	Sighthill West Jn. to Cowlairs South Jn. (Chord Line)	Υ	N	Y	Y	Y	Y	Y	Υ	

# Table D2 - Route clearance of electric multiple unit trains

To be read in conjunction with General Notes.

Line of route	Line of Route / Sector Description	303	305	311	314	318	320	322	325	334	Notes
SC093	Motherwell to Greenhill Lower Jn.	R1	R1	R1	R1	R1	R1	R1	R2	R1	R1 Between Motherwell & limit of electrification at Gartsherrie South
					***************************************	***************************************	and the second s	THE THE PROPERTY OF THE PROPER			R2 Between Motherwell and Mossend South Jn (incl). PROHIBITED between Mossend South Jn (excl). and limit of electrification at Gartsherrie South.
SC097	Whifflet South Jn. to Sunnyside Jn. (Goods Line)	R1	R1	R1	R1	R1	R1	R1	N	R1	R1 SPECIAL ARRANGEMENTS APPLY. SEE GENERAL INSTRUCTION HEADED "WORKING OF PASSENGER TRAINS OVER GOODS LINES OR GOODS LOOPS"

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#### SC093 - MOTHERWELL TO GREENHILL LOWER JUNCTION

#### Motherwell To Mossend South Jn

#### Motherwell TMD

**Traction Maintenance and Wagon Repair Depot - Movements to and from Shed siding -** Where reference is made in the following instructions to "designated person", this means the person responsible for protection inside the Shed, who is identified by an orange armband bearing the letters "DP" in black.

- 1. When required to make a movement into the Shed on No.1, 2, 4, 5, 6, 7 and 8 or Fitting Shop siding, the driver must stop at the Stop Board.
- Movements past a Stop Board and movements out of the Shed on No.1, 2, 4, 5, 6, 7 and 8 or Fitting Shop siding must not be made until the designated person has personally given the shunter or driver an assurance that it is safe for the movement to commence.

Motherwell TMD Level Crossing - Drivers must not bring their locomotives to a stand on the level crossing.

When operating handpoints in the vicinity of the level crossing, drivers must bring their locomotives to a stand clear of the crossing in such a position that will enable them to observe that the crossing is clear before proceeding.

Fuel point - Locomotives arriving at the fuel point must stop at the stop board. Movements past the stop board and movements out of the fuelling building must not be made until a member of the maintenance staff located at the fuel point has personally given the driver an assurance that it is safe for the movement to commence.

Movements in the wrong direction towards the fuel point must not be made unless agreement has been reached between the traincrew supervisor (person in charge) and the maintenance shift manager. When agreement has been reached, the driver will then be instructed by the traincrew supervisor (person in charge) to proceed with the movement. In the event that the shift manager is not on duty, the traincrew supervisor (person in charge) will liaise directly with the fuel point staff before the movement is authorised.

#### Dated: 02/12/06

#### SC093 - MOTHERWELL TO GREENHILL LOWER JUNCTION

#### Motherwell

For the purposes of the Rule Book, Module TW1, Section 13, there are no station limits and authorities are detailed as follows:-

#### At or between

Down Braidhurst loop/ sidings signal M361, M371, M373, M375, M377, M379 and Up Coatbridge Limit of shunt indicator including Down shunt spur.

#### Lines

Up Coatbridge

#### Remarks

445f (135m), or 235f (70m) without brake van.

**Up Braidhurst goods loop** - Movements to Findlay's sidings must, where practicable, be made to No. 1 siding. All movements to the sidings must be positioned as near to the buffer stops as possible.

**Down Braidhurst goods loop** - Locomotives, and locomotives with brake vans, must not stop on the Down Braidhurst goods loop for traincrew relief purposes but must proceed to the loco depot.

Dated: 02/12/06

### SC093 - MOTHERWELL TO GREENHILL LOWER JUNCTION

#### **Mossend Yard**

#### Blockage of lines to electric trains

Mossend Yard is specially nominated in accordance with the Rule Book Module AC2, Section 6.2(b).

**Up Yard headshunt -** The signaller will obtain the permission of the Euroterminal supervisor before a movement is mad from the Reception lines to the headshunt.

Dated: 02/12/06

#### SC093 - MOTHERWELL TO GREENHILL LOWER JUNCTION

Coatbridge Jn To Gartsherrie South Jn

#### COATBRIDGE FREIGHTLINER TERMINAL

The clearing of the inlet signal for a train to proceed into the terminal will indicate to the person in charge of the movement that all crane working has creased and the relative hand points are properly set. The Rule Book, Module SS2 is modified accordingly.

The speed of trains entering and leaving the terminal must not exceed 5 m.p.h., and great care must be exercised when passing under the crane structures.

After an incoming train has been brought to a stand in the respective siding, the person in charge of the movement must, before uncoupling the locomotive, apply one handbrake at the Northern most end of the terminal.

When a train arrives at the Gartsherrie end of the terminal, a member of the terminal staff will meet the train at the North Gate rail entrance, and issue the driver with a radio. The propelling movement of the train into the terminal will be controlled by radio in accordance with Module SS2 of the Rule Book.

The locomotive of a Down arriving freightliner train must be brought to a stand at a point opposite the North end entrance the terminal in order that a radio can be issued to the driver by the shunter.

When an Up direction train requires to detach vehicles at the terminal, a member of the terminal staff will issue a radio to the driver at signal M238 (Up fast) and the propelling movement into the terminal will be controlled by Radio in accordance with Module SS2 of the Rule Book.

The person in charge of a movement requiring to enter these sidings must, before authorising the train to commence the movement from the main line to the sidings, obtain an assurance from the firm's representative that the sidings are clear of obstructions, shunting operations using the road vehicle have ceased and the road vehicle has been set aside clear of the sidings, and all hand points are correctly set. The firm's representative will take up a suitable position inside the terminal to assist in controlling the movement by handsignal. The Rule Book, Module SS2 is modified accordingly.

When a departing train has come to a stand on the Down line and the ground frame has been restored, the person in charge of the movement may, after observing the provisions of the Rule Book, Module SS2, handsignal the driver to commence a set back movement whilst remaining at the ground frame. The locomotive must be stopped at the ground frame to enable the person in charge of the movement to join the train. The Rule Book, Module SS2 is modified accordingly. Staff in the vicinity of Russell's sidings must exercise care and be aware that departing trains will set back on the Down line.

Dated: 02/12/06

# SC093 - MOTHERWELL TO GREENHILL LOWER JUNCTION CUMBERNAULD

**Down siding** - Trains proceeding to the siding must run to the buffer stop when the siding is clear throughout. rivers of trains within the siding must advise the signaller when the train is ready to depart from the siding. A train must of draw forward towards exit signal CN652 unless that signal is exhibiting a proceed aspect or permission has been obtained from the signaller for the movement to be made.

Dated: 02/12/06

## SC103 - GARNQUEEN NORTH JN TO COWLAIRS WEST JN

STEPPS To Sighthill East Jn

**Underbridge No. 70A** - The provisions of the Rule Book, Module T3 must be observed before any use is made of the bridge maintenance cradles.

Dated: 02/12/06

#### SC103 - GARNQUEEN NORTH JN TO COWLAIRS WEST JN

Sighthill East Jn To Railcare (Springburn Sidings)

Movements between Sighthill East Jn. and the Arrival / Departure headshunt must be drawn in each direction.

If a track circuit fails on the Arrival / Departure line, the person in charge of each movement proceeding to the Works must advise the signaller at Cowlairs SC when the train has passed beyond the notice board on the single line, into the yard area, complete with tail lamp. The telephone at signal CC621 must be used for this purpose.

Dated: 02/12/06