

Module LNW(N)10

LNW North Route

Sectional Appendix Module 10

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LIST OF MODULE PAGES AND DATES

Page	Date Last Changed
1	07 October 2006
2	07 October 2006
3	07 October 2006
4	07 October 2006
5	07 October 2006
6	07 October 2006
7	07 October 2006
8	07 October 2006
9	07 October 2006
10	07 October 2006
11	07 October 2006
12	07 October 2006
13	07 October 2006
14	07 October 2006
15	07 October 2006
16	07 October 2006
17	07 October 2006
18	07 October 2006
19	07 October 2006
20	07 October 2006
21	07 October 2006
22	07 October 2006

Page	Date Last Changed
23	07 October 2006
24	07 October 2006
25	07 October 2006
26	07 October 2006
27	07 October 2006
28	07 October 2006
29	07 October 2006
30	07 October 2006
31	07 October 2006
32	07 October 2006
33	07 October 2006
34	07 October 2006
35	07 October 2006
36	07 October 2006
37	07 October 2006
38	07 October 2006
39	07 October 2006
40	07 October 2006
41	07 October 2006
42	07 October 2006
43	07 October 2006
44	07 October 2006

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TABLE OF CONTENTS

	<u>Page</u>
Maps	4
Table A Diagrams	5
Special Working Arrangements	25
Route Clearance	29
Local Instructions	41

MAPS

MAP 10

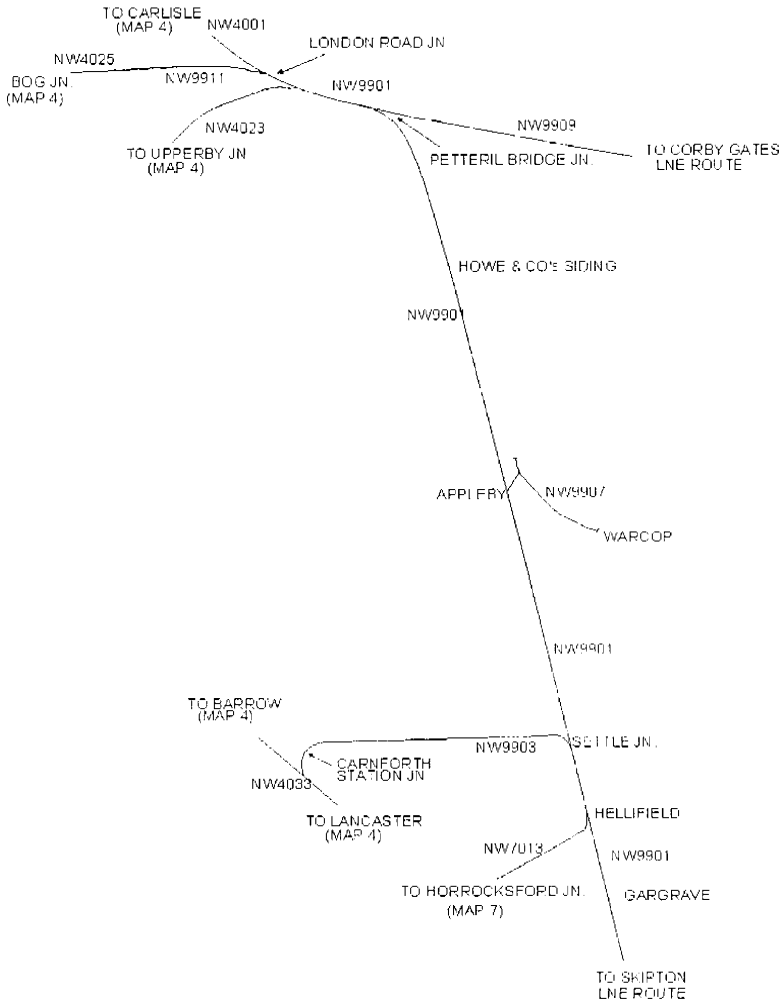
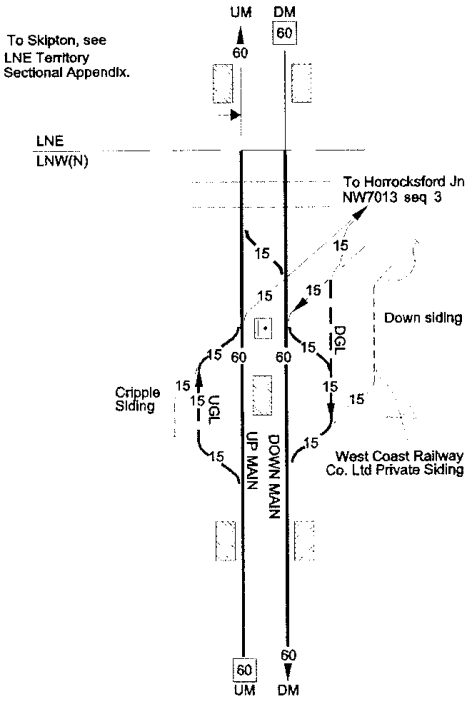


TABLE A DIAGRAMS
Table of Contents






	<u>Page</u>
NW9901- GARGRAVE TO CARLISLE SOUTH JN.	7
NW9903- SETTLE JN. TO CARNFORTH STATION JN.	19
NW9907- WARCOP TO APPLEBY	22
NW9909- CORBY GATES TO PETTERIL BRIDGE JN.	23
NW9911- LONDON ROAD JN. TO BOG JN. (NEWCASTLE GOODS LINES)	24

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LNW North Route Sectional Appendix Module LNWN(N)1.

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW9901	001	Gargrave to Carlisle South Jn.	SKW	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
GARGRAVE	224 79		TCB		
Gargrave HABD (to York box)	226 59		York SB		
Network Rail London North Western (Appendix Boundary)	230 00		(Signals prefixed L)		
Switches Farm LC (UWC)	230 05		Area channel change at 228m 40 ch		
Haw Lane LC (UWC)	230 68		AB		
Hellifield SB	231 14		Hellifield SB		
HELLIFIELD	231 20		DGL 307m (1008ft) (PF)		
	231 35		UGL 461m (1512ft)		
	231 45		Platform Lengths: Hellifield		
			Platform Up 103m (113 yards)		
			Platform Down 132m (144 yards)		
LONG PRESTON	232 41		Platform Lengths: Long Preston		
			Platform Up 72m (79 yards)		
			Platform Down 91m (100 yards)		

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW9901	002	Gargrave to Carlisle South Jn.	SKW SAC	LNW North	07/10/06
Location	Mileage M to Ch	Running lines & speed restrictions	Signalling & Remarks		
Settle Junction SB	234 42 * 234 44		<p>AB Settle Jn SB </p> <p>DRS 307m (1008ft)</p> <p>CW. Down at 234m 49ch (612m/670yd before reaching section signal)</p> <p>Platform Lengths: Settle Platform Up: 98m (107 yds) Down: 98m (107 yds)</p> <p>(1) Applies to freight trains conveying 2-axle vehicles with a wheelbase of 10 feet or less. (2) Applies to all other trains.</p> <p>Platform Lengths: Horton-in-Ribblesdale Platform Up: 91m (100 yds) Down: 91m (100 yds)</p>		
SETTLE	236 40 237 63 238 26				
Stainforth Tunnel (110m / 120 yds)	238 54 to 238 59				
Crag Hill Farm LC (UWC)	241 31				
HORTON-IN-RIBBLESDALE	242 43 245 00				

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW9901	003	Gargrave to Carlisle South Jn.	SAC	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
RIBBLEHEAD (down)	246 70 *		AB  Blea Moor SB		
	247 13		Platform Lengths: Ribblehead Platform Up 94m (103 yds) Platform Down 101m (110 yds)		
RIBBLEHEAD (up)	247 16 *				
Ribblehead GF	247 20				
	247 22  		Released from Blea Moor box.		
	247 40				
	248 24				
	248 28				
	248 34 *		UGL 518m (1701ft)		
Blea Moor SB	248 39				
	249 20 				
	249 22 				
Blea Moor Tunnel (2403m / 1 mile 869 yds)	249 25 to 249 40 *				
	250 65				
			<div>1 Applies to freight trains conveying 2-axle vehicles with a wheelbase of 10 feet or less.</div> <div>2 Applies to all other trains.</div>		

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW9901	004	Gargrave to Carlisle South Jn.	SAC	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
DENT Risehill Tunnel (1109m / 1213 yds)			<div> <div>AB</div> <div>Blea Moor SB</div> <div> <div>NRN</div> <div>088</div> </div> </div>		
	250 70	T	<div> <div>UM</div> <div>60</div> <div>UP MAIN</div> <div>60</div> <div>DM</div> <div>60</div> <div>*</div> <div>60</div> <div>*</div> <div>30</div> <div>30</div> <div>DOWN MAIN</div> <div>30</div> <div>*</div> <div>60</div> <div>UM</div> <div>60</div> <div>DM</div> </div> <div> <div>Platform Lengths: Dent</div> <div>Platform Up: 93m (102 yds)</div> <div>Down: 93m (102 yds)</div> </div>		
	251 12	T			
	252 25	T			
	253 19 *				
	253 24	T			
	253 30 *				
	253 32				
	253 35 *				
	253 45 *				
	254 06	T			
	254 11				
	254 66				
	254 72	T			
	254 76	T			

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW9901	005	Gargrave to Carlisle South Jn.	SAC	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
GARSDALE Garsdale SB	256 54 256 55 256 55		AB	Garsdale SB	NRN 088
			Platform Lengths: Garsdale Platform Up: 120m (131 yds) Down: 120m (131 yds)		
			URS 218m (714ft)		
Moorcock Tunnel (90m / 98 yds)	257 39 to 257 44				
Grisedale LC (UWC)	257 68				
Shotlock Hill Tunnel (97m / 106 yds)	258 38 to 258 43				
	260 05				
	263 22				
Birkett Tunnel (388m / 424 yds)	264 23 to 264 42				

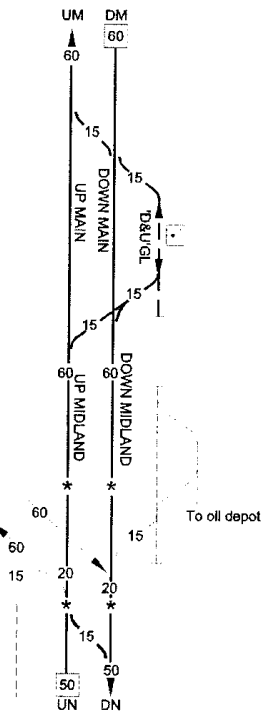

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW9901	006	Gargrave to Carlisle South Jn.	SAC	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
Kirkby Stephen SB	266 40		AB	Kirkby Stephen SB	NRN 088
KIRKBY STEPHEN	266 47		URS 243m (798ft)		
			DRS 347m (1138ft)		
Crosby Garrett Tunnel (165m / 181 yds)	269 00 to 269 08		Platform Lengths: Kirkby Stephen		
			Platform Up: 91m (100 yds)		
			Down: 91m (100 yds)		
	269 48	T			
	269 67	T			
Griseburn LC (UWC)	271 73	T			
Helm Tunnel (523m / 571 yds)	273 13 to 273 39				

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW9901	007	Gargrave to Carlisle South Jn.	SAC	LNW North	07/10/06
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
APPLEBY		277 22			AB Appleby North SB NRN
Appleby North SB		277 34 T	To Warcop NW9907 seq 1 10		Platform Lengths: Appleby Platform Up 164m (179 yds) Platform Down 165m (180 yds)
		277 56 T	To end of line NW9907 seq 1 10		D&U'S = 'Down & Up' Through Siding

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW9901	008	Gargrave to Carlisle South Jn.	SAC	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
			<div> <div>AB</div> <div>Kirkby Thore SB (KT)</div> <div>NRN 088</div> </div>		
	280 50 *				
	281 43 *				
	281 54 *				
Kirkby Thore SB (KT)	282 02		Loop 584m (1916ft)		
	283 30	T	Culgaith SB		
Culgaith SB LC (MCB)	284 55				
Culgaith Tunnel (604m / 661 yds)	284 78 to 285 28				

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW9901	009	Gargrave to Carlisle South Jn.	SAC	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
			<p>AB</p> <p>Culgaith SB</p> <p>NRN</p> <p>088</p>		
Waste Bank Tunnel (150m / 164 yds)	285 48 to 285 55		Platform Lengths: Langwathby Platform Up: 95m (104 yds) Down: 95m (104 yds)		
LANGWATHBY	288 19 [T]				
	288 23				
	290 60 [T]				
	290 63 [T]				
Lazonby Tunnel (90m / 99 yds)	292 25 to 292 30		Platform Lengths: Lazonby & Kirkoswald Platform Up: 93m (102 yds) Down: 93m (102 yds)		
LAZONBY & KIRKOSWALD	292 50				
	292 61 [T]				
	295 24 [T]				

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW9901	010	Gargrave to Carlisle South Jn.	SAC	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
			<div>AB</div> <div>Culgaith SB</div> <div></div> <div>Platform Lengths: Armathwaite Platform Up 93m (102 yds) Platform Down 91m (100 yds)</div> <div>Low House Crossing SB</div>		
Baron Wood No.1 Tunnel (189m / 207 yds)	295 42 to 295 51				
	295 51				
Baron Wood No.2 Tunnel (230m / 252 yds)	295 55 to 295 67				
Armathwaite Tunnel (297m / 325 yds)	296 51 to 296 66				
ARMATHWAITE	298 09				
	298 16				
Low House Crossing SB LC (MCB)	299 55				
Horrocks LC (UWC)	300 73				
Syke Foot LC (UWC)	301 18				

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW9901	011	Gargrave to Carlisle South Jn.	SAC NEC	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
			AB Low House Crossing SB 		
Howe & Co. Sdg SB (HS)	302 68		TCB Howe & Co. Sdg SB (HS)		
	302 77		D&U'GL = 'Down & up' goods loop 288m (945ft)		
	303 13				
	304 17 T				
	307 05 *	To Newcastle NW9909 seq 1	Carlisle SB (CE)		
Petteril Bridge Jn	307 12 59 26 *		UN=Up Newcastle DN=Down Newcastle		

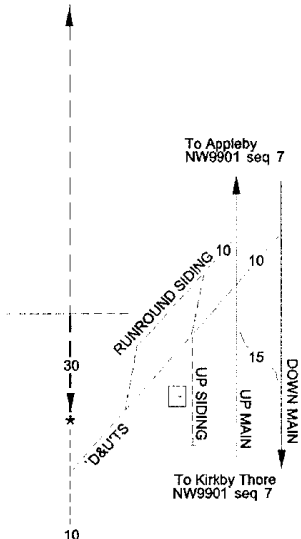


LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW9901	012	Gargrave to Carlisle South Jn.	NEC	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
London Road Jn	59 45		TCB Carlsle SB (CE) 		
	59 49 *		CW. Up at 59m 47ch (356m/390yd before reaching signal CE.403)		
Carlisle South Jn	60 02 68 73		N.E. SHUNT NECK = North Eastern Shunt Neck		

LNW North Route Sectional Appendix Module LNW(N)

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW9903	001	Settle Jn. to Camforth Station Jn.	SKW	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
Settle Junction SB	234 44		<div> <div>AB</div> <div>Settle Jn SB</div> <div> <div>NRN</div> <div>088</div> </div> </div>		
Cleatop LC (UWC)	234 55 *		AWS not provided		
	234 56 *				
	235 20 *				
	236 16 *				
	236 25 *				
GIGGLESWICK	236 27		Platform Lengths: Giggleswick		
	236 30 *		Platform Up 88m (96 yds)		
	236 33 *		Platform Down 80m (87 yds)		
Tatterthwaite LC (UWC)	237 09				
	238 52 *				
	238 56 *				
Lawsing LC (UWC)	241 34				

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW9903	002	Settle Jn. to Camforth Station Jn.	SKW SJC	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
CLAPHAM	241 79 *		AB Settle Jn SB NNR 		
	242 00				
	242 20 *				
	243 79 *				
Spencers LC (UWC) BENTHAM	244 03 *		Platform Lengths: Clapham Platform Up: 84m (92 yds) Down: 84m (92 yds)		
	244 61				
	246 23				
Clints Field LC (UWC)	248 52		Platform Lengths: Bentham Platform Up: 131m (143 yds) Down: 131m (143 yds)		
	249 30 *				
WENNINGTON	249 38		Platform Lengths: Wennington Platform Up: 139m (152 yds) Down: 81m (89 yds)		
	249 44				
Melling Tunnel (1126m / 1232 yds)	9 01		Platform Up: 139m (152 yds) Down: 81m (89 yds)		
	to				
	9 00 *				
	to				

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW9903	003	Settle Jn. to Camforth Station Jn.	SJC CEC	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
			<div>AB</div> <div>Settle Jn SB</div> <div>NRN 088</div>		
Wards LC (UWC)	6 56 [T]				
Bowness LC (UWC)	5 47 [T]				
Keertholme LC (UWC)	4 55 [T]				
	0 31 *				
	0 25				
Camforth Station Jn SB	0 09		Camforth Station Jn SB		
Camforth Station Jn	0 04				
	0 38				

LOR	Seq.	Line of Route Description	ELR		Route	Last Updated
NW9907	001	Warcop to Appleby	WAR	EDE	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions			Signalling & Remarks	
Warcop	5 54				OT(S) Appleby North SB 	
Network Rail Boundary Appleby East LC (TMO)	11 03				Local Operations Manager is authorised to receive and deliver the Train Staff (See local instruction).	
Appleby North SB	(277 34)					
'Commencement / End of single line' board	11 31 ★					
	11 36 				277 56	
End of Line	11 48					

LNW North Route Sectional Appendix Module LNW(N).

LOR	Seq	Line of Route Description	ELR	Route	Last Updated
NW9909	001	Corby Gates to Petteril Bridge Jn.	NEC	LNW North	07/10/06
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Corby Gates SB LC (CG)		55 54			TCB Corby Gates SB (CG) NRN 088
WETHERAL		55 60 *			
Wetheral HABD (to Carlisle box)		56 03 *			
Sootby LC (UWC)		56 76 T			
Network Rail London North Western (Appendix Boundary)		58 00			
Petteril Bridge Jn		59 26 *			

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW9911	001	London Road Jn. to Bog Jn. (Newcastle Goods lines)	NGD	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
London Road Jn	59 49 * 0 00		<p>TCB</p> <p>Carlisle SB</p> <p>NRN 088</p> <p>AWS is provided in up direction only.</p> <p>DN=Down Newcastle UN=Up Newcastle DNG=Down Newcastle goods UNG=Up Newcastle goods 'U&D'N='Up & down' Newcastle</p> <p>CW. Down at 0m 2ch.</p>		
	0 02 *				
	0 03 *				
Bog Jn	0 25 * 1 07				

SPECIAL WORKING ARRANGEMENTS
Table of Contents

(NW9901- GARGRAVE TO CARLISLE SOUTH JN.	<u>Page</u> 27
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NW9901 (GARGRAVE TO CARLISLE SOUTH JN.)

From	To	Type of Train	Line(s)	Remarks
London Road Jn (signal CE.404)	Carlisle Station	Coaching stock	Down Newcastle "Up & down" Newcastle	Propelling authorised for single vehicles Dated: 07/10/06

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ROUTE CLEARANCE

Table of Contents

	<u>Page</u>
TABLE D1 - ROUTE CLEARANCE OF DIESEL MULTIPLE UNIT TRAINS	33
TABLE D2 - ROUTE CLEARANCE OF ELECTRIC MULTIPLE UNIT TRAINS	34
TABLE D3 - ROUTE CLEARANCE OF COACHING STOCK	35
TABLE D4A - ROUTE CLEARANCE OF DIESEL LOCOMOTIVES CLASSES 08 TO 33	36
TABLE D4B - ROUTE CLEARANCE OF LOCOMOTIVES CLASSES 37 TO 59	37
TABLE D4C - ROUTE CLEARANCE OF LOCOMOTIVES CLASSES 60 TO 92	38
TABLE D5 - ROUTE CLEARANCE OF FREIGHT VEHICLES	39

LNW NORTH**GENERAL NOTES**

Table D shows route clearance information for Network Rail London North Western (North) route controlled lines and is divided into five separate table as follows:

- D1 Diesel Multiple Units.
- D2 Electric Multiple Units.
- D3 Locomotive Hauled Coaching Stock, including HST.
- D4 Locomotives, including the route availability (RA) index of each route.
- D5 Freight Vehicles, including the RA index of each route and any authorities for heavy axle weight vehicles.

Tables D1 - D4

These tables consist of the list of lines as shown in Table A and a series of columns for each type of vehicle. The following codes are used to identify which vehicle types are permitted on each route:

Authority Code	Meaning
Y	The vehicle type is permitted without restriction.
N	The vehicle type is prohibited.
R*	The vehicle type is permitted subject to the restriction(s) shown in the Notes & Restrictions column.
E	Indicates that an electric traction unit may be hauled over a non-electrified line with pantograph(s) lowered.

Where authority is shown for passenger carrying vehicles to run on non-passenger lines, this does not mean that authority is given for loaded passenger trains to run.

Table D5

This table consists of the list of lines as shown in Table A, the RA index of each route, any general authorities for heavy axle weight vehicles, the gauge of the route and other route restrictions. (Temporary or vehicle specific heavy axle weight authorities are not shown.)

The gauge of the route is shown as one of the following:

- standard locomotive gauge indicated by a forward-slash symbol, (i.e. /),
- W6A (W6) – meaning clear to W6A Gauge,
- W7 – meaning clear to W6A Exception Gauge for 8ft. containers,
- W8 – meaning clear to W6A Exception Gauge for 8ft 6in containers,
- W9 – meaning clear to SB1C gauge.
- W10 – meaning clear for 9ft. 6in. high x2.5m. wide containers on selected wagons
- W12 – meaning clear to W12 composite swept envelope

Additional restrictions or clearances may also be shown as notes in the Notes & Restrictions column.

The 'Heavy Axle Weight Vehicles' column indicates whether a vehicle which exceeds the RA index of the route may be conveyed, and if so under what conditions:

Authority Code	Meaning
Y	There are no particular restrictions for vehicles that exceed the RA of the route, and form RT3973HAW can be produced on this basis. 25.5 tonne axle weight vehicles in use on the network as of April 1998 are not restricted. (Note that this information does not include vehicles which may have individual restrictions placed upon them.)
N	Vehicles that exceed the RA of the route must not run without the authority of the Territory Structures Assessment Engineer. If authority is given a vehicle specific form RT3973HAW can be produced.
R*	Vehicles which exceed the RA of the route can run subject to the particular restriction(s) identified, and form RT3973HAW can be produced on this basis. 25.5 tonne axle weight vehicles in use on the network as of April 1998 are not restricted. (Note that this information does not include vehicles which may have individual restrictions placed upon them.)
--	No request to run vehicles that exceed the RA of the route has previously been made and any request to do so must be referred to the Territory Structures Assessment Engineer. 25.5 tonne axle weight vehicles may be able to run following assessment.

Restricted Vehicles

Vehicles identified below can not run without reference to the Territory Structures Assessment Engineer, who will identify any restrictions that apply to that particular vehicle over a specified route in accordance with the Route Availability Group Standard:

- Coil Strip Wagon BN001A

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Table D1 - Route clearance of diesel multiple unit trains

To be read in conjunction with General Notes.

Class 221 trains

The sections of route indicated by the letter 'T' in the 'Route Availability Table' pages, indicate where Class 221 trains are permitted to operate with the Tilt system operational and TASS system configured to authorise tilt and supervise speed. Details of the lines where TASS Balises are provided are published in the Table A pages of this Appendix. Full details of clearances and restrictions are published in the relevant Network Rail Acceptance Panel (NRAP) certificates for Service Operation.

Line of route	Line of Route / Sector Description	DMU	14X	150	153	155	156	158	170	175	185	220 / 221	Notes
NW9901	Gargrave - Carlisle South Junction	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	
NW9903	Settle Junction - Carnforth Station Jn.	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	
NW9907	Warcop - Appleby	N	N	N	N	N	N	N	N	N	N	N	
NW9909	Corby Gates - Petteril Bridge Junction	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	
NW9911	London Road Jn. - Bog Junction (Newcastle Goods Lines)	Y	Y	Y	Y	Y	Y	N	N	N	N	N	

Table D2 - Route clearance of electric multiple unit trains

To be read in conjunction with General Notes.

Class 390 trains

The sections of route indicated by the letter 'T' in the 'Route Availability Table' pages, indicate where Class 390 trains are permitted to operate with the Tilt system operational and TASS system configured to authorise tilt and supervise speed. Details of the lines where TASS Balises are provided are published in the Table A pages of this Appendix. Full details of clearances and restrictions are published in the relevant Network Rail Acceptance Panel (NRAP) certificates for Service Operation.

Line of route	Line of Route / Sector Description	312	317	321 / 322	323	325	350	390	507 / 508	Notes
NW9901	Gargrave - Carlisle South Junction	N	N	N	N	E	N	R	N	R Permitted loco-hauled Hellifield – Carlisle South Jn.
NW9903	Settle Junction - Camforth Station Jn.	N	N	N	N	E	N	N	N	
NW9907	Warcop - Appleby	N	N	N	N	N	N	N	N	
NW9909	Corby Gates - Petteril Bridge Junction	N	N	N	N	E	N	R	N	R Permitted loco-hauled London Road Yard – Petteril Bridge Jn. only.
NW9911	London Road Jn. - Bog Junction (Newcastle Goods Lines)	N	N	N	N	E	N	N	N	

Table D3 - Route clearance of coaching stock

To be read in conjunction with General Notes.

Line of Route	Line of Route / Sector Description	MK I	MK II	MK III	MK IV	253/254 HST	Notes
NW9901	Gargrave - Carlisle South Junction	Y	Y	Y	Y	Y	
NW9903	Settle Junction - Camforth Station Jn.	Y	Y	Y	Y	Y	
NW9907	Warcop - Appleby	N	N	N	N	N	
NW9909	Corby Gates - Petteril Bridge Junction	Y	Y	Y	Y	Y	
NW9911	London Road Jn. - Bog Junction (Newcastle Goods Lines)	Y	Y	N	N	N	

Table D4A - Route clearance of Diesel locomotives Classes 08 to 33

To be read in conjunction with General Notes.

Line of Route	Line of Route / Sector Description	RA	08/09	20	20/3	31/1	31/4/5	33	Notes
NW9901	Gargrave - Carlisle South Junction	8	Y	Y	Y	Y	Y	Y	
NW9903	Settle Junction - Camforth Station Jn.	8	Y	Y	Y	Y	Y	Y	
NW9907	Warcop - Appleby	7	Y	Y	Y	Y	Y	Y	
NW9909	Corby Gates - Petteril Bridge Junction	8	Y	Y	Y	Y	Y	Y	
NW9911	London Road Jn. - Bog Junction (Newcastle Goods Lines)	8	Y	Y	Y	Y	Y	Y	

Table D4B - Route clearance of locomotives Classes 37 to 59

To be read in conjunction with General Notes.

Line of Route	Line of Route / Sector Description	RA	37/ 0/3/4 /5	37/ 7/9	47/ 0/3/7 /9	47/ 4/6	55	56	57	58	59/0/ 1/2	Notes
NW9901	Gargrave - Carlisle South Junction	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
NW9903	Settle Junction - Camforth Station Jn.	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
NW9907	Warcop - Appleby	7	Y	Y	Y	Y	Y	Y	Y	Y	Y	
NW9909	Corby Gates - Patteril Bridge Junction	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
NW9911	London Road Jn. - Bog Junction (Newcastle Goods Lines)	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	

Table D4C - Route clearance of locomotives Classes 60 to 92

To be read in conjunction with General Notes.

Line of Route	Line of Route / Sector Description	RA	60	66	67	73	86	87	90	91	92	Notes
NW9901	Gargrave - Carlisle South Junction	8	Y	Y	Y	Y	R	R	R	N	N	R Permitted dead-hauled Hellifield - Carlisle South Jn. only subject to: ELR: SAC, Br.3 - 10mph on the Down Main through overbridge between Settle Jn. and Settle (235m 40ch – 235m 60ch). ELR: SAC, Br.280 – 15mph on the Up Main through overbridge between Langwathby and Culgaith (287m 00ch – 286m 60ch). ELR: SAC, Br.106 – 15mph on the Up Main through overbridge between Risehill Tunnel and Garsdale (255m 40ch – 255m 60ch).
NW9903	Settle Junction – Camforth Station Junction	8	Y	Y	Y	Y	E	E	E	N	N	
NW9907	Warcop – Appleby	7	N	Y	N	Y	N	N	N	N	N	
NW9909	Corby Gates – Petteil Bridge Junction	8	Y	Y	Y	Y	N	N	N	N	N	
NW9911	London Road Jn. – Bog Jn. (Newcastle Goods Lines)	8	Y	Y	Y	Y	N	N	N	N	N	

Table D5 - Route clearance of freight vehicles

To be read in conjunction with General Notes.

Line of Route	Line of Route / Sector Description	RA	Gauge of Route	Heavy Axle Weight Vehicles	Notes
NW9901	Gargrave – Carlisle South Jn.	8	W6A Ex (W7)	R	R For RA9/10 loaded freight vehicles the following bridge specific restrictions must be observed: ELR: SAC, Br.6 – 30mph on both lines over the bridge between Settle Jn. And Settle station (236m 20ch – 236m 22ch) ELR: SAC, Br.66 – 20 mph on both lines over the bridge between Horton-in-Ribblesdale and Blea Moor (247m 40ch – 248m 00ch) In addition to all of the above listed restrictions, any train composed of HHA or HTA type vehicles must not exceed 30mph when running in the loaded condition over the following bridges: ELR: SAC, Br.47 (242m 53ch – 242m 55ch) ELR: SAC, Br.53 (244m 41ch – 244m 43ch) ELR: SAC, Br.176 (265m 43ch – 265m 45ch) ELR: SAC, Br.177 (265m 54ch – 265m 56ch)
NW9903	Settle Jn - Carnforth Station Jn.	8	/	R	R RA9/10 vehicles permitted subject to dispensation being granted by the Territory Track Engineer and additionally subject to observance of the following bridge specific restrictions: ELR: SJC, Br.7 maximum speed 20mph over the bridge (0m 77ch – 0m 73ch) ELR: SJC, Br.11 maximum speed 20mph over the bridge (2m 01ch – 2m 03ch) ELR: SKW1, Br.101 maximum speed 20mph over the bridge (248m 01ch – 248m 05ch) ELR: SKW1, Br.96 maximum speed 20mph over the bridge (247m 40ch – 247m 43ch) ELR: SKW1, Br.95 maximum speed 20mph over the bridge (247m 36ch – 247m 40ch) ELR: SKW1, Br.82 maximum speed 10mph over the bridge (243m 78ch – 244m 02ch) ELR: SKW1, Br.77 maximum speed 20mph over the bridge (241m 03ch – 241m 10ch)
NW9907	Warcop – Appleby	7	/	--	
NW9909	Corby Gates - Pattenil Bridge Jn.	8	W6A Ex (W7)	Y	
NW9911	London Rd. Jn. - Bog Jn. (Newcastle Goods Lines)	8	/	Y	

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LOCAL INSTRUCTIONS

Table of Contents

	<u>Page</u>
NW9901- GARGRAVE TO CARLISLE SOUTH JN.	
BLEA MOOR SB	43
APPLEBY NORTH SB	43
NW9907 - WARCOP TO APPLEBY	
ENTIRE LINE OF ROUTE	43

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NW9901 - GARGRAVE TO CARLISLE SOUTH JN.

Blea Moor SB

Down train reversing on the down main line to return to Settle Junction. When the train arrives, the driver must immediately advise the signaller if it is complete with tail lamp.

Rule Book Module P1, Section 3 clause 3.5.a) and Section 6 clause 6.2.b) - single line working over the down main line between Blea Moor and Garsdale or Kirkby Stephen. A handsignaller does not need to be appointed opposite Blea Moor up home signal to control wrong direction up trains. Up trains may also be authorised to proceed without being accompanied by the pilotman. Drivers of up trains will be authorised by the pilotman to proceed to (and observe) the down main line up direction signal, south of Blea Moor signal box.

Dated: 07/10/06

NW9901 - GARGRAVE TO CARLISLE SOUTH JN.

Appleby North SB

Propelling of ECS trains from the 'down & up' through siding to the down main line. The signaller at Appleby North signal box is permitted to authorise ECS trains to pass the shunting signal controlling the exit from the 'down & up' through siding at danger in order to propel into the down platform. The train must not proceed outside the protection of the home signal.

Water crane. Drivers using the water crane must be careful to leave the crane clear of the running lines and properly secured after use.

Dated: 07/10/06

NW9907 - WARCOP TO APPLEBY

Entire Line Of Route

The train staff is kept by the Local Operations Manager, Appleby. The line must not be used without the specific permission of the Network Rail Area Operations Manager, Lancs & Cumbria.

Dated: 07/10/06

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