

# **Module LNW(N)6**

## **LNW North Route**

### **Sectional Appendix Module 6**

(

(

(

(

**LIST OF MODULE PAGES AND DATES**

<b>Page</b>	<b>Date Last Changed</b>
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
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

<b>Page</b>	<b>Date Last Changed</b>
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
45	07 October 2006
46	07 October 2006
47	07 October 2006
48	07 October 2006
49	07 October 2006
50	07 October 2006
51	07 October 2006
52	07 October 2006
53	07 October 2006
54	07 October 2006
55	07 October 2006
56	07 October 2006
57	07 October 2006
58	07 October 2006
59	07 October 2006
60	07 October 2006
61	07 October 2006
62	07 October 2006
63	07 October 2006
64	07 October 2006

**THIS PAGE IS INTENTIONALLY BLANK**

(

(

(

(

**TABLE OF CONTENTS**

	<b><u>Page</u></b>
Maps	4
Exceptionally Poor Rail Adhesion	5
Table A Diagrams	9
Special Working Arrangements	41
Route Clearance	45
Local Instructions	59

[illegible]

## EXCEPTIONALLY POOR RAIL ADHESION

### Table of Contents

**Page**

7

7

NW6003- CASTLEFIELD JN. TO ALLERTON JN.

NW6009- WINDSOR BRIDGE NORTH JN. TO SOUTHPORT

**THIS PAGE IS INTENTIONALLY BLANK**

(

(

(

(



**NW6003 (CASTLEFIELD JN. TO ALLERTON JN.)**

<b>Location</b>	<b>Line(s) Affected</b>	<b>Mileage (Between)</b>				
Humphrey Park and Chassen Road	Down Liverpool, Up Liverpool	29 m	40 ch	<b>to</b>	28 m	50 ch
Halewood and Hunts Cross West Jn	Down main (Cheshire line)	7 m	60 ch	<b>to</b>	6 m	11 ch

**Dated: 07/10/06****NW6009 (WINDSOR BRIDGE NORTH JN. TO SOUTHPORT)**

<b>Location</b>	<b>Line(s) Affected</b>	<b>Mileage (Between)</b>				
Moorside and Ince	Down main	7 m	00 ch	<b>to</b>	15 m	40 ch

**Dated: 07/10/06**

**THIS PAGE IS INTENTIONALLY BLANK**

(

(

(

(

## TABLE A DIAGRAMS

### Table of Contents


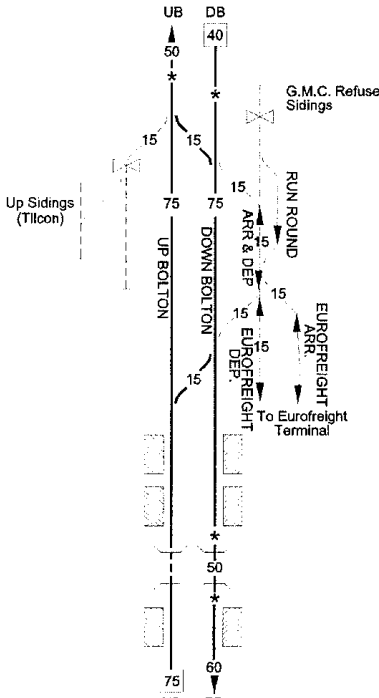
	<u>Page</u>
NW6001- MANCHESTER PICCADILLY EAST JN. TO EUXTON JN.	11
NW6003- CASTLEFIELD JN. TO ALLERTON JN.	19
NW6005- MANCHESTER VICTORIA EAST JN. TO WINDSOR BRIDGE SOUTH JN.	25
NW6007- DEAL STREET JN. TO ORDSALL LANE JN.	27
NW6009- WINDSOR BRIDGE NORTH JN. TO SOUTHPORT	28
NW6011- BOLTON EAST JN. TO BLACKBURN BOLTON JN.	35
NW6013- LOSTOCK JN. TO CROW NEST JN.	38
NW6015- WIGAN WALLGATE TO KIRKBY	39

**THIS PAGE IS INTENTIONALLY BLANK**

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6001	001	Manchester Piccadilly East Jn. to Euxton Jn.	COL	LNW North	07/10/06
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Manchester Piccadilly East Jn		188 48			<div>TCB Manchester Piccadilly SB (MP) AC: Crewe</div> <div>NRN 017</div> <p>Platform Lengths: Manchester Piccadilly Platform 13 Up 277m (303yards) Permissive PP-C ① Down 277m (303yards) Permissive PP-C ② Platform 14 Up 265m (290yards) Permissive PP-C ③ Down 266m (291yards) Permissive PP-C ④</p> <p>① Between MP.386 and MP.382 ② Between MP.391 and MP.387 ③ Between MP.388 and MP.384 ④ Between MP.393 and MP.389</p> <p>Platform Lengths: Oxford Road Platform 1 Permissive PP-A 105m (115yards) Platform 2 Permissive PP-A 160m (175yards) Platform 3 Permissive PP-A Up 160m (175yards) Down 137m (150yards) Platform 4 Permissive PP-A 162m (177yards) Platform 5 Permissive BAY 105m (115yards)</p> <p>DOX=Down Oxford Road UOX=Up Oxford Road</p>
<b>MANCHESTER PICCADILLY</b>		188 65			
Manchester Piccadilly West Jn		188 71			
		188 72 *			
		189 03 *			
		189 20 *			
<b>OXFORD ROAD</b>		189 28 *			
		189 29			
		189 36 *			
		189 39 *			

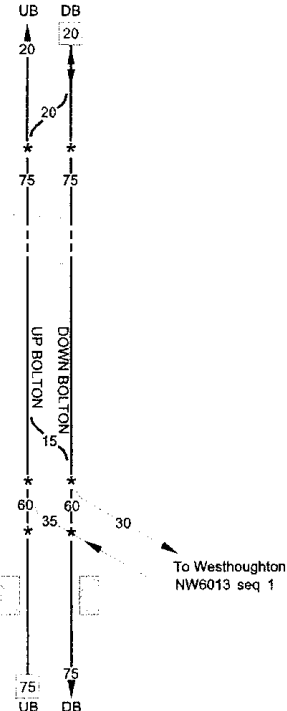
LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6001	002	Manchester Piccadilly East Jn. to Euxton Jn.	COL OLW	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
<b>DEANSGATE</b> Castlefield Jn	189 43		TCB Manchester Piccadilly SB (MP) AC: Crewe		
	189 57		AC to Castlefield Jn only.		
	189 67 *		DOX=Down Oxford Road UOX=Up Oxford Road		
Ordsall Lane Jn	190 23		Platform Lengths: Deansgate Up 150m (164 yards) Down 155m (170 yards)		
	190 28 *		DB=Down Bolton UB=Up Bolton		
	190 70 *				

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6001	003	Manchester Piccadilly East Jn. to Euxton Jn.	OLW MVE1	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
		<p>The diagram shows a vertical railway line with two main tracks: 'UP BOLTON' on the left and 'DOWN BOLTON' on the right. At the top, 'UB' (Up Bolton) and 'DB' (Down Bolton) are indicated. The line passes through 'Windsor Bridge South Jn' and 'Windsor Bridge North Jn'. A 'SALFORD CRESCENT' platform is shown with two platforms, 1 and 2. A 'U&amp;DB' (Up &amp; Down Bolton) track is shown between the main tracks. Speed restrictions are marked with numbers and asterisks: 30, 25, 20, 50, 30, 25, 30, 50, 40. Arrows point to 'To Manchester Victoria NW6005 seq 2' and 'To Atherton NW6009 seq 1'. A note states 'Manchester North SB (MN) does not control any lines on this page.' A 'TCB Manchester Piccadilly SB (MP)' box is shown at the top right, with a 'NRN 017' box below it.</p>	<p>Platform Lengths: Salford Crescent  Platform 1 - 129m (141yards)  Platform 2 - 129m (141yards)</p> <p>U&amp;DB='Up &amp; down' Bolton</p> <p>Manchester North SB (MN) does not control any lines on this page.</p>		

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6001	004	Manchester Piccadilly East Jn. to Euxton Jn.	MVE1	LNW North	07/10/06
Location		Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks	
				TCB Manchester Piccadilly SB (MP) 	
Agecroft South Jn		1 77 * 2 10 * 2 70		Platform Lengths: Clifton Up 172m (188yards) Down 172m (188yards)	
Brindle Heath Sidings				Platform Lengths: Kearsley Up 126m (138yards) Down 109m (119yards)	
Agecroft North Jn		3 08 3 28 3 33		Platform Lengths: Farnworth Up 143m (156yards) Down 149m (163yards)	
CLIFTON		4 57			
KEARSLEY		7 57			
Farnworth Tunnels (270m/295yd)		8 05 * 8 10 8 24 8 26 *			
FARNWORTH		8 31			



LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6001	005	Manchester Piccadilly East Jn. to Euxton Jn.	MVE1 MVE2	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
<b>MOSES GATE</b>	8 75 *		<p>TCB Manchester Piccadilly SB (MP) </p> <p>Moses Gate Up 79m (86yards) Down 79m (86yards)</p> <p>DPL 806m (2645ft) UPL 679m (2229ft)</p> <p>Platform Lengths: Bolton Platform 1 Permissive PP -A Up 187m (205yards) Down 137m (150yards) Platform 2 Permissive BAY 104m (114yards) Platform 3 Permissive PP -A Up 308m (337yards) Down 222m (243yards) Platform 4 Permissive PP -A 252m (276yards) CL=Connecting Line</p>		
Moses Gate Jn	9 06				
	9 28				
	9 31				
Burnden Jn	10 04				
	10 20 *				
	10 26				
Bolton East Jn	10 31				
	10 42 *				
<b>BOLTON</b>	10 50				
Bolton West Jn	10 55 *				

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6001	006	Manchester Piccadilly East Jn. to Euxton Jn.	MVE2	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
			<div>TCB Manchester Piccadilly SB (MP)</div> <div>NRN 017</div> <div>Platform Lengths: Lostock Up 155m (170yards) Down 156m (171yards)</div> <div>Area channel change at 13m 52ch</div> <div>NRN 017 Up</div> <div>NRN 088 Down</div>		
Moor Lane Tunnels (70m/77yd)	10 70 *				
	11 01 to 11 05				
Lostock Jn	13 39 *				
	13 45 *				
<b>LOSTOCK</b>	13 52				

LNW North Route Sectional Appendix Module LNW(N)

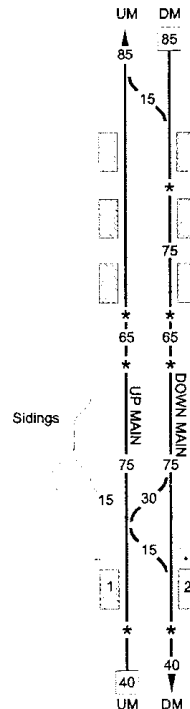
LOR	Seq.	Line of Route Description	ELR		Route	Last Updated
NW6001	007	Manchester Piccadilly East Jn. to Euxton Jn.	MVE2		LNW North	07/10/06
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
<b>HORWICH PARKWAY</b>		15 50			TCB Blackrod Jn. SB (BJ)	
<b>BLACKROD</b>		17 14			Platform Lengths: Horwich Parkway Up 141m (154yards) Down 141m (154yards)	
Blackrod Jn SB (BJ)		17 27			Preston SB (PN)	
<b>ADLINGTON</b>		19 15			Platform Lengths: Blackrod Up 114m (125yards) Down 114m (125yards)	
Gillies LC (UWC)		20 75			Platform Lengths: Adlington Up 127m (139yards) Down 124m (136yards)	
Chorley LC (MCG) (Not block post)		22 15 * 22 16			Platform Lengths: Chorley Up 100m (109yards) Down 101m (110yards)	
<b>CHORLEY</b> Friday Street GF		22 20 22 24				

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6001	008	Manchester Piccadilly East Jn. to Euxton Jn.	MVE2	LNW North	07/10/06
Location		Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks	
Chorley Tunnel (113m/124yd)				<p>C. Up at 22m 77ch (229m/250yd after passing signal PN.29)</p>	
Euxton ROF GF		24 18	S T	<p>TCB</p> <p>Preston SB (PN)</p> <p>NRN 088</p>	
		25 08	*		
		25 15			
Euxton Jn		25 31			

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6003	001	Castlefield Jn. to Allerton Jn.	MAJ	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
Castlefield Jn	189JP67 33 57	<p>To Salford Crescent NW6001 seq 2</p> <p>To Deansgate NW6001 seq 2</p> <p>To Trafford Park sidings</p> <p>To Liverpool</p>	<div>TCB Manchester Piccadilly SB (MP) AC: Crewe</div> <div>NRN 017</div> <p>AC to Trafford Park Sidings only.</p>		
	32 58 *				
	32 54 *				
	32 09				
Trafford Park East Jn	32 02				
	31 76				
<b>UNITED FC HALT</b>	31 70				
Trafford Park West Jn	31 66 *				
Trafford Park Sidings	31 35				
<b>TRAFFORD PARK</b>	30 68				
<b>HUMPHREY PARK</b>	30 17				

LOR Seq. Line of Route Description			ELR		Route		Last Updated	
NW6003 002 Castlefield Jn. to Allerton Jn.			MAJ		LNW North		07/10/06	
Location		Mileage M Ch	Running lines & speed restrictions				Signalling & Remarks	
<div>URMSTON</div> <div>CHASSEN ROAD</div> <div>FLIXTON</div> <div>IRLAM</div> <div>Glazebrook East Jn. SB (GE)</div>		<div>29 02</div> <div>28 40</div> <div>27 65</div> <div>25 51</div> <div>25 12</div> <div>24 62</div> <div>24 60</div>	<div><div><div>UL</div><div>DL</div></div><div><div>85</div><div>85</div></div><div><div>UL</div><div>DL</div></div><div><div>85</div><div>85</div></div></div> <div><div>UP LIVERPOOL</div><div>DOWN LIVERPOOL</div></div> <div><div>DOWN PASSENGER LOOP</div><div>15</div><div>15</div></div> <div><div>To former Glazebrook(MSC) out of use</div></div>				<div><div>TCB Manchester Piccadilly SB (MP)</div><div><div>NRN</div><div>017</div></div></div> <div>to Urmston.</div> <div>Exceptional rail head conditions down and up Liverpool lines between 29m 40ch and 28m 50ch.</div> <div><div>AB Glazebrook East Jn. SB (GE)</div></div> <div>Platform Lengths: Urmston Up 150m (164yards) Down 155m (170yards)</div> <div>Platform Lengths: Chassen Road Up 144m (157yards) Down 144m (157yards)</div> <div>Platform Lengths: Flixton Up 152m (166yards) Down 137m (150yards)</div> <div>DPL 288m (945ft)</div> <div>Platform Lengths: Irlam Up 122m (133yards) Down 122m (133yards)</div>	

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6003	003	Castlefield Jn. to Allerton Jn.	MAJ	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
			<div>AB</div> <div>Glazebrook East Jn SB (GE)</div> <div>NRN 017</div>		
	24 53				
<b>GLAZEBROOK</b>	24 37				
	21 50 *				
<b>BIRCHWOOD</b>	21 44				
	20 13				
<b>PADGATE</b>	19 70 *				
	19 45 *				
	18 40				
Warrington Central SB (WC)	18 34				
<b>WARRINGTON CENTRAL</b>	18 30				
	18 25 *				




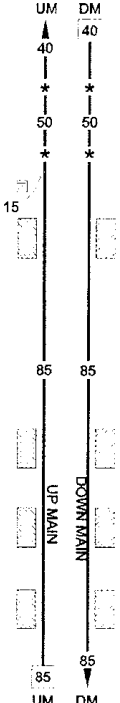


Platform Lengths: Glazebrook  
Up 90m (98yards)  
Down 83m (96yards)

Platform Lengths: Birchwood  
Up 171m (187yards)  
Down 170m (186yards)

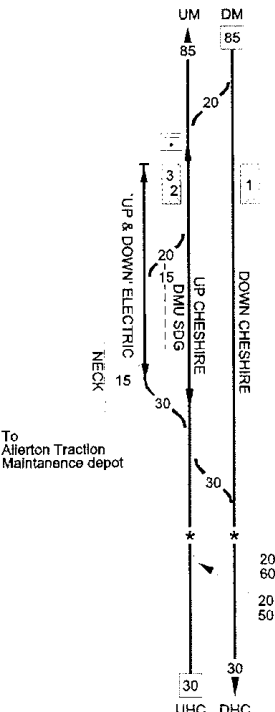
Platform lengths: Padgate  
Up 90m (98yards)  
Down 91m (100yards)

TCB Warrington Central SB (WC)

Platform Lengths: Warrington Central  
Platform 1  
Up 126m (138yards)  
Platform 2  
Down 123m (135yards)

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6003	004	Castlefield Jn. to Allerton Jn.	MAJ	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
			<div>TCB Warrington Central SB (WC) </div> <div>to Widnes (exclusive)</div> <div>Platform Lengths: Sankey Up 98m (107yards) Down 92m (101yards)</div> <div>Hunts Cross SB (HC)</div> <div>Platform Lengths: Widnes Up 103m (113yards) Down 103m (113yards)</div> <div>Platform Lengths: Hough Green Up 128m (140yards) Down 128m (140yards)</div> <div>Platform Lengths: Halewood Up 107m (117yards) Down 107m (117yards)</div>		
Burtonwood GF	17 68 *				
	17 12 *				
	17 11 				
<b>SANKEY</b>	15 67				
	13 79 				
<b>WIDNES</b>	12 20				
<b>HOUGH GREEN</b>	10 42				
<b>HALEWOOD</b>	8 15				



LOR	Seq.	Line of Route Description	ELR	Route	Last Updated												
NW6003	005	Castlefield Jn. to Allerton Jn.	MAJ	LNW North	07/10/06												
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks														
			<table><tr><th>TCB</th><th>Hunts Cross SB (HC) AC: Crews DC: Sandhills</th><th>NRN 017</th></tr><tr><td colspan="3">AC: from Hunts Cross West Jn DC: from Hunts Cross to Hunts Cross West Jn</td></tr><tr><td colspan="3">Exceptional rail head conditions down main/Cheshire line 7m 60ch to 6m 11ch.</td></tr><tr><td colspan="3">Platform Lengths: Hunts Cross Platform 1 Down: 116m (127 yards) Platform 2 Up and Down: 130m (142 yards) Platform 3 Permissive BAY Up and Down: 130m (142 yards)</td></tr></table>			TCB	Hunts Cross SB (HC) AC: Crews DC: Sandhills	NRN 017	AC: from Hunts Cross West Jn DC: from Hunts Cross to Hunts Cross West Jn			Exceptional rail head conditions down main/Cheshire line 7m 60ch to 6m 11ch.			Platform Lengths: Hunts Cross Platform 1 Down: 116m (127 yards) Platform 2 Up and Down: 130m (142 yards) Platform 3 Permissive BAY Up and Down: 130m (142 yards)		
TCB	Hunts Cross SB (HC) AC: Crews DC: Sandhills	NRN 017															
AC: from Hunts Cross West Jn DC: from Hunts Cross to Hunts Cross West Jn																	
Exceptional rail head conditions down main/Cheshire line 7m 60ch to 6m 11ch.																	
Platform Lengths: Hunts Cross Platform 1 Down: 116m (127 yards) Platform 2 Up and Down: 130m (142 yards) Platform 3 Permissive BAY Up and Down: 130m (142 yards)																	
Hunts Cross SB (HC)	7 12																
<b>HUNTS CROSS</b>	7 07																
	6 71																
Hunts Cross West Jn	6 11 * 0 37		<p>To Liverpool South Parkway NW8001 seq 1</p>														
			<p>UHC = Up Hunts Cross Chord DHC = Down Hunts Cross Chord</p>														

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6003	006	Castlefield Jn. to Allerton Jn.	AHX	LNW North	07/10/06
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
Allerton Jn SB (AN)		0 10 *	<div><div><div><div><div>UHC</div><div>DHC</div></div><div><div>30</div><div>30</div></div><div><div>30</div><div>30</div></div><div><div>UP HUNTS CROSS CHORD</div><div>DOWN HUNTS CROSS CHORD</div></div><div><div>15</div><div>15</div></div><div><div>20</div><div>20</div></div><div><div>UP FAST 80</div><div>DOWN FAST 80</div></div></div><div><div>To Allerton Traction Maintenance depot</div><div>To Speke Jn NW2001 seq 5</div><div>To Edge Hill NW2001 seq 5</div></div></div></div>		<div>TCB</div> <div>Allerton Jn SB (AN) AC: Crewe</div> <div>NRN 017</div> <div>UHC = Up Hunts Cross Chord DHC = Down Hunts Cross Chord</div>
Allerton Jn		0 JP 00 187 74			

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6005	001	Manchester Victoria East Jn. to Windsor Bridge South Jn.	MVE	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
		<p>The diagram shows a four-track railway line. At the top, Manchester Victoria East Jn. is shown with four tracks. The top two tracks are for Down Rochdale (DRF, URF) and the bottom two for Down Rochdale (DRS, URS). Speed restrictions of 40 and 25 are indicated. The line runs south through Manchester Victoria, where platform lengths are noted (255m, 224m, 215m). It then continues past Manchester Victoria West Jn. and Deal Street Jn. to Windsor Bridge South Jn. (not fully shown). Various signals (USF, DSF, USS, DSS, DCM, UCM) and speed restrictions (25, 40) are marked along the route. A turnback line is shown branching off to the right.</p>	<p>TCB Manchester North SB (MN)</p> <p>NRN 017</p> <p>Line direction from Miles Platting to Manchester Victoria Station is Up</p> <p>DRF = Down Rochdale Fast URF = Up Rochdale Fast DRS = Down Rochdale Slow URS = Up Rochdale Slow</p> <p>Platform Lengths: Manchester Victoria Platform 3 Permissive PP 255m (279yards) Platform 4 Permissive PP 224m (245yards) Platform 5 Permissive PP -A 215m (235yards) Platform 6 Permissive PP -A 215m (235yards)</p> <p>Turnback 171m (561ft)</p> <p>USF = Up Salford Fast DSF = Down Salford Fast USS = Up Salford Slow DSS = Down Salford Slow DCM = Down Chat Moss UCM = Up Chat Moss</p> <p>U-SAL = Up Salford D-SAL = Down Salford</p>		

07 October 2006

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6007	001	Deal Street Jn. to Ordsall Lane Jn.	DSE	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
		<p>To Manchester Victoria NW6005 seq 1</p> <p>25 25 25 25</p> <p>USF DSF USS DSS</p> <p>0 32</p> <p>Deal Street Jn.</p> <p>0 43 31 07 *</p> <p>31 01 *</p> <p>30 76</p> <p>Ordsall Lane Jn</p> <p>30 38</p> <p>UP Salford DOWN Salford</p> <p>To Salford NW6005 seq 2</p> <p>UP CHAT MOSS</p> <p>To Deansgate NW6001 seq 2</p> <p>DOWN CHAT MOSS</p> <p>UP BOLTON DN BOLTON</p> <p>To Salford Crescent NW6001 seq 2</p> <p>To Eccles NW2015 seq 1</p>	<p>TCB Manchester North SB (MN)</p> <p>NRN 017</p> <p>USF = Up Salford Fast DSF = Down Salford Fast USS = Up Salford Slow DSS = Down Salford Slow</p> <p>Manchester Piccadilly SB (MP)</p>		

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6009	001	Windsor Bridge North Jn. to Southport	WBS	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
Windsor Bridge North Jn	1 66		TCB Manchester Piccadilly SB (MP)		
			NRN 017		
Pendleton Tunnel (48m/52yd)	2 25 to 2 27 2 30 *				
Pendlebury Tunnel (184m/201yd)	2 78 * 3 02 * 4 34 to 4 43				
<b>SWINTON</b>	5 04		Platform Lengths: Swinton Up 68m (74 yards) Down 45m (49 yards)		
<b>MOORSIDE</b>	5 61		Platform Lengths: Moorside Up 109m (119 yards) Down 110m (120 yards)		

LOR	Seq.	Line of Route Description	Mileage		Running lines & speed restrictions	ELR	Route	Last Updated
NW6009	002	Windsor Bridge North Jn. to Southport	M	Ch		WBS	LNW North	07/10/06
Location							Signalling & Remarks	
Walkden SB	7	33				AB	Walkden SB	NRN 017
<b>WALKDEN</b>	7	42					Platform Lengths: Walkden Up 77m (84yards) Down 75m (82yards)	
<b>ATHERTON</b>	11	01					Platform Lengths: Atherton Up 119m (130yards) Down 99m (108yards)	
Atherton Goods Yard SB	11	18					Atherton Goods Yard SB	
<b>HAG FOLD</b>	11	59					Platform Lengths: Hag Fold Up 96m (105yards) Down 96m (105yards)	
<b>DAISY HILL</b>	12	57					Platform Lengths: Daisy Hill Up 105m (115yards) Down 102m (112yards) DN BR = Down Branch UP BR = Up Branch	
Crow Nest Jn SB (CN)	14	62					TCB Crow Nest Jn. SB (CN)	
Crow Nest Jn	14	64 *					Warrington SB (WN)	
							Exceptional Rail Head Conditions Down main lines between 7m. 0ch. and 15m. 40ch.	

LOR	Seq	Line of Route Description	ELR	Route	Last Updated
NW6009	003	Windsor Bridge North Jn. to Southport	WBS WBS3	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
<b>HINDLEY</b>	15 17		TCB Warrington SB (WN)		
	16 00 *		to Wigan Station Jn. inclusive		
	16 20 *		Platform Lengths: Hindley Up 99m (108yards) Down 107m (117yards)		
<b>INCE</b>	16 70		Platform Lengths: Ince Up 124m (136yards) Down 124m (136yards)		
	17 21 *				
	17 35				
Wigan Station Jn	17 44				
	17 58 *				
<b>WIGAN WALLGATE</b>	17 72		Wigan Wallgate SB (WW)		
			Platform Lengths: Wigan Wallgate Up 182m (199yards) Permissive PP-A Down 192m (210yards) Permissive PP-A 82m (90yards) Permissive BAY		



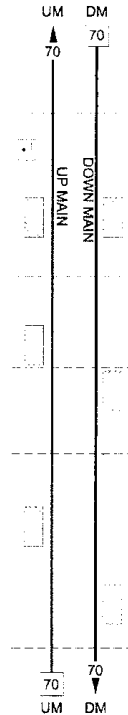
LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6009	004	Windsor Bridge North Jn. to Southport	WBS3	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
			TCB	Wigan Wallgate SB (WW)	NRN 017
Wigan Wallgate Jn	18 04				
Wigan Wallgate SB (WW)	18 09				
	18 15 *				
	18 21 *				
			AB		
GATHURST	20 46			Platform Lengths: Gathurst Up 118m (129yards) Down 117m (128yards)	
	21 40 *				
APPLEY BRIDGE	22 30			Platform Lengths: Appley Bridge Up 94m (103yards) Down 94m (103yards)	

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6009	005	Windsor Bridge North Jn. to Southport	WBS3	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
			<div> <div>AB</div> <div>Wigan Wallgate SB (WW)</div> <div> <div>NRN</div> <div>017</div> </div> </div> <div>Parbold SB</div> <div> Platform Lengths: Parbold  Up 104m (114yards)  Down 118m (129yards) </div> <div> <div>TCB</div> <div>Burscough Bridge Jn SB (BB)</div> </div> <div> Platform Lengths: Hoscscar  Up 116m (127yards)  Down 159m (174yards) </div>		
Chapel Lane LC (MCG)	22 37 *				
	23 27 *				
	23 47 *				
	24 06				
	24 32 *				
	24 43 *				
Parbold SB LC (MCB)	24 49				
<b>PARBOLD</b>	24 53				
Ferret Lane LC (UWC)	25 12	T			
Dean Lane LC (AHBC-X)	25 57				
Frog Lane LC (UWC)	25 77	T			
<b>HOSCAR (Up Platform)</b>	26 07				
Hoscscar LC (AHBC-X)	26 08				
<b>HOSCAR (Down Platform)</b>	26 13				

LOR Seq. Line of Route Description  
NW6009 006 Windsor Bridge North Jn. to Southport

Location	Mileage	
	M	Ch
Four Lane Ends LC (R/G)	26	41 T
Shaws LC (R/G)	26	71 T
Burscough Bridge Jn SB (BB)	27	50
<b>BURSCOUGH BRIDGE</b>	27	58
Crabtree LC (R/G)	28	19 T
<b>NEW LANE (Up Platform)</b>	28	67
New Lane LC (AHBC)	28	70
<b>NEW LANE (Down Platform)</b>	28	73
Martins Lane LC (UWC)	29	70 T
<b>BESCAR LANE (Up Platform)</b>	30	74
Bescar Lane LC (AHBC)	30	78 T
<b>BESCAR LANE (Down Platform)</b>	30	79
Wyke Cop LC (AHBC)	32	20

Running lines & speed restrictions



ELR  
WBS3

Route  
LNW North

Last Updated  
07/10/06

Signalling & Remarks

TCB Burscough Bridge Jn. SB (BB)

NRN  
017

Platform Lengths: Burscough Bridge  
Up 121m (132yards)  
Down 126m (138yards)

Platform Lengths: New Lane  
Up 61m (67yards)  
Down 61m (67yards)

Platform Lengths: Bescar Lane  
Up 66m (72yards)  
Down 60m (66yards)

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6009	007	Windsor Bridge North Jn. to Southport	WBS3	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
Pool Hey LC (AHBC)	32 44 32 50 *		<p>TCB Burscough Bridge Jn. SB (BB) </p>		
MEOLS COP	34 02 34 05 *		Merseyrail SB (ML)		
Goods Yard GF	34 58 T 35 05 *		<p>Platform Lengths: Meols Cop Up 109m (119yards) Down 111m (121yards)</p>		
SOUTHPORT	35 27		<p>Platform Lengths: Southport Platform 3 Permissive BAY 185m (202yards) Platform 4 Permissive BAY 169m (185yards) Platform 5 Permissive BAY 241m (264yards) Platform 6 Permissive BAY 239m (261yards)</p>		

LOR	Seq.	Line of Route Description
NW6011	001	Bolton East Jn. to Blackburn Bolton Jn.


ELR  
BBB

Route  
LNW North  
Last Updated  
07/10/06

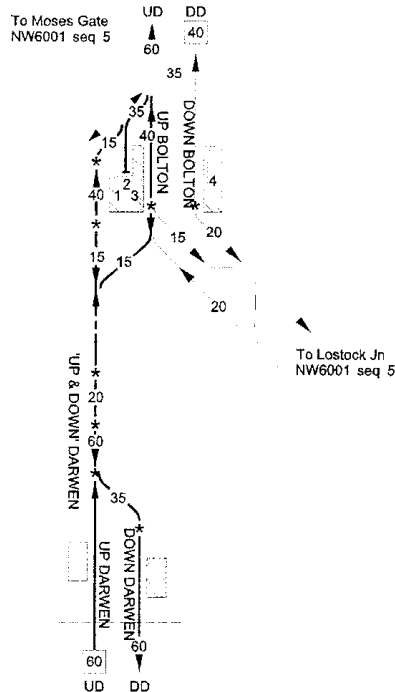
Location  
M Ch  
Mileage

Running lines & speed restrictions

Signalling & Remarks

TCB Manchester Piccadilly SB (MP) 



Bolton East Jn	10 31	
<b>BOLTON</b>	10 42 *	
	10 50	
Bolton West Jn	10 55 *	
Bradshawgate Tunnel (80m/87yd)	10 68	
	10 72	
	10 76 *	
	11 12 *	
Astley Bridge Jn	11 66 *	
	11 70 *	
<b>HALL I' TH' WOOD</b>	12 35	
The Oaks LC (UWC)	12 72	T



Platform Lengths: Bolton  
Platform 1 Permissive PP -A  
Up 187m (205yards)  
Down 137m (150yards)  
Platform 2 Permissive BAY  
104m (114yards)  
Platform 3 Permissive PP -A  
Up 308m (337yards)  
Down 222m (243yards)

Area channel  
change at  
10m 65ch

Platform Lengths: Hall I' Th' Wood  
Up 83m (91yards)  
Down 83m (91yards)



NRN  
 Up  
NRN  
 Down

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6011	002	Bolton East Jn. to Blackburn Bolton Jn.	BBB	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
<b>BROMLEY CROSS</b>	13 45		<b>TCB</b> Manchester Piccadilly SB (MP)		
Bromley Cross LC (FP) (Not block post)	13 47		Platform Lengths: Bromley Cross Up 95m (104yards) Down 95m (104yards)		
	13 71 *				
	13 75 *				
	15 14 *				
Turton LC (A.O.C.L.)	15 19 *				
	15 36 *				
<b>ENTWISTLE</b>	16 47		Platform Lengths: Entwistle Up & Down 119m (130yards)		
	17 60 [T]				
Sough Tunnel (1841m/1 mile 255yd)	17 61 to 18 73				
	18 74 [T]				

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6011	003	Bolton East Jn. to Blackburn Bolton Jn.	BBB	LNW North	07/10/06
Location	Mileage M	Ch	Running lines & speed restrictions		Signalling & Remarks
<b>DARWEN</b>					TCB Preston SB (PN)
	19	20			Platform Lengths: Darwen Up 80m (87yards) Down 79m (86yards)
	19	60			CW. Up at 20m 39ch (548m/599yd before reaching signal PN.467)
	20	27			(PF) 'up & down' goods.
Blackburn Bolton Branch Jn.	23	40			CW. 'Up & down' Darwen at 24m 01ch (facing in down direction)
Blackburn Bolton Jn.	23	60			
	24	08			
	10	11			

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6013	001	Lostock Jn. to Crow Nest Jn.	LCN	LNW North	07/10/06
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
			<div>TCB Manchester Piccadilly SB (MP)</div> <div>to Crow Nest Jn. exclusive.</div> <div> <div>NRN</div> <div>017</div> </div>		
Lostock Jn	13 39		<div>Platform Lengths: Westhoughton</div> <div>Up 96 (105yards)</div> <div>Down 99 (108yards)</div>		
Metal Box Co. Siding	13 45 *				
Westhoughton GF	15 06 S T				
<b>WESTHOUGHTON</b>	15 25				
Crow Nest Jn	17 18 *				
Crow Nest Jn SB (CN)	14 64				
	14 62				



LOR	Seq.	Line of Route Description	Mileage		Running lines & speed restrictions	ELR	Route	Last Updated
NW6015	001	Wigan Wallgate to Kirkby	M	Ch		WKL1 WKL2	LNW North	07/10/06
Location						Signalling & Remarks		
						AB	Wigan Wallgate SB (WW)	NRN 
Wigan Wallgate Jn			18 JP 04					
Wigan Wallgate SB (WW)			18 07 *					
			18 09					
			18 16 *					
Change of mileage			19 48					
			19 09					
<b>PEMBERTON</b>			19 23					
Pemberton Tunnel (37m/40yd)			19 27					
			to					
			19 29					
			19 53 *					
<b>ORRELL</b>			20 77					
Upholland Tunnel (877m/959yd)			21 37					
			21 40 *					
			22 01					
			22 03 *					

Platform Lengths: Pemberton  
Up 101 (110yards)  
Down 106 (116yards)

Platform Lengths: Orrell  
Up 54 (59yards)  
Down 55 (60yards)

LOR	Seq.	Line of Route Description	ELR		Route	Last Updated
NW6015	002	Wigan Wallgate to Kirkby	WKL2		LNW North	07/10/06
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks	
<b>UPHOLLAND</b>		22 24			AB	Wigan Wallgate SB (WW)
Dukes Wood LC (UWC)		23 10 * 23 11			Platform Lengths: Upholland Up 46m (50yards) Down 49m (54yards)	
<b>RAINFORD</b>		24 30			Platform Lengths: Rainford Up 51m (56yards) Down 72m (79yards)	
Rainford Junction SB		24 34 * 24 35			OT(S) Rainford Junction SB	
		24 39 *				
Dale Lane GSP		26 25 S T				
<b>KIRKBY</b>		29 40			Platform Lengths: Kirkby (Single line to Rainford) Up & Down 114m (125yards)	

## **SPECIAL WORKING ARRANGEMENTS**

### **Table of Contents**

**Page**  
**43**

NW6001- MANCHESTER PICCADILLY EAST JN. TO EUXTON JN.

**THIS PAGE IS INTENTIONALLY BLANK**

(

(

(

(

**NW6001 (MANCHESTER PICCADILLY EAST JN. TO EUXTON JN.)**

<b>From</b>	<b>To</b>	<b>Type of Train</b>	<b>Line(s)</b>	<b>Remarks</b>
Manchester Piccadilly Station	Manchester Oxford Road (signals MP.403 and MP.405)	Coaching stock	Down Oxford Road/Up Oxford Road	Propelling authorised (including dead EMU's)
Trafford Park Freightliner Depot (signal MP.749)	Trafford Park East Jn (in rear of signal MP.742)	Freight	Up	Propelling authorised for trains up to 410m (1344 ft) in length only when route indication 'M' is displayed at signal MP.749
Burnden Jn	Bolton West Jn	Coaching stock	Down passenger loop/Down main/Platforms 1,2 3 or 4	Propelling authorised

**Dated: 07/10/06**

**THIS PAGE IS INTENTIONALLY BLANK**

(

(

(

(

## **ROUTE CLEARANCE**

### **Table of Contents**

**Page**

TABLE D1 - ROUTE CLEARANCE OF DIESEL MULTIPLE UNIT TRAINS	49
TABLE D2 - ROUTE CLEARANCE OF ELECTRIC MULTIPLE UNIT TRAINS	50
TABLE D3 - ROUTE CLEARANCE OF COACHING STOCK	52
TABLE D4A - ROUTE CLEARANCE OF DIESEL LOCOMOTIVES CLASSES 08 TO 33	53
TABLE D4B - ROUTE CLEARANCE OF LOCOMOTIVES CLASSES 37 TO 59	54
TABLE D4C - ROUTE CLEARANCE OF LOCOMOTIVES CLASSES 60 TO 92	55
TABLE D5 - ROUTE CLEARANCE OF FREIGHT VEHICLES	57

**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

**THIS PAGE IS INTENTIONALLY BLANK**

(

(

(

(

**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
NW6001	Manchester Piccadilly East Junction - Euxton Junction	Y	Y	Y	Y	Y	Y	Y	R1	Y	R2	Y	R1 Prohibited Ordsall Lane Jn. – Euxton Jn. R2 Prohibited Salford Crescent – Euxton Jn.
NW6003	Castlefield Junction - Allerton Junction	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	
NW6005	Manchester Victoria East Jn. - Windsor Bridge South Jn.	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	
NW6007	Deal Street Jn. - Ordsall Lane Jn.	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	
NW6009	Windsor Bridge North Junction – Southport	Y	Y	Y	R	R	Y	Y	N	R	N	R	R Prohibited Wigan Station Jn. – Southport.
NW6011	Bolton East Junction - Blackburn Bolton Junction	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	
NW6013	Lostock Junction – Crow Nest Junction	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	
NW6015	Wigan Wallgate – Kirkby	Y	Y	Y	N	N	Y	Y	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
NW6001	Manchester Piccadilly East Junction - Euxton Junction	R1	N	R2	R2	E	N	R3	N	<p>R1 Permitted AC mode Manchester Piccadilly East Jn. - Castlefield Jn. and dead-hauled throughout.</p> <p>R2 Permitted AC mode Manchester Piccadilly East Jn. - Castlefield Jn.</p> <p>R3 Permitted loco-hauled throughout. Prohibited from all bay platforms, all sidings lines, Burnden Jn. Down and Up Passenger Loops, platform 1 at Bolton, 20mph maximum speed on the Down and Up lines Castlefield Jn. – Ordsall Lane Jn.</p>

**Table D2 - Route clearance of electric multiple unit trains – Continued**

Line of route	Line of Route / Sector Description	312	317	321 / 322	323	325	350	390	507 / 508	Notes
NW6003	Castlefield Junction - Allerton Junction	R1	N	R2	R2	E	N	R3	R4	<p>R1 Permitted AC mode Manchester Piccadilly East Jn. – Trafford Park platform / reversing line and dead-hauled throughout.</p> <p>R2 Permitted AC mode Manchester Piccadilly East Jn. – Trafford Park platform / reversing Line.</p> <p>R3 Permitted loco-hauled. Prohibited from all bay platforms and sidings lines, Trafford Park platform / reversing line, Hunts Cross Up &amp; Down Electric line and maximum speed 15 mph on the Up Liverpool line Trafford Park West Jn. – 33m 00ch.</p> <p>R4 Permitted Hunts Cross station to Hunts Cross West Jn. via 'Up &amp; Down' Electric.</p>
NW6005	Manchester Victoria East Jn. – Windsor Bridge South Jn.	R1	R1	N	N	E	N	R2	N	<p>R1 Permitted dead-hauled Manchester Victoria East Jn. – Deal Street Jn.</p> <p>R2 Permitted loco-hauled.</p>
NW6007	Deal Street Jn. - Ordsall Lane Jn.	E	E	N	N	E	N	R	N	R Permitted loco-hauled.
NW6009	Windsor Bridge North Jn. – Southport	R	R	N	N	E	N	N	N	R Permitted dead-hauled Windsor Bridge North Jn. - Wigan Wallgate.
NW6011	Bolton East Jn. - Blackburn Bolton Jn.	E	E	N	N	E	N	E	N	
NW6013	Lostock Jn. - Crow Nest Jn.	E	E	N	N	E	N	E	N	
NW6015	Wigan Wallgate - Kirkby	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
NW6001	Manchester Piccadilly East Junction - Euxton Junction	Y	Y	Y	Y	Y	
NW6003	Castlefield Junction - Allerton Junction	Y	Y	Y	Y	Y	
NW6005	Manchester Victoria East Jn. - Windsor Bridge South Jn.	Y	Y	Y	Y	Y	
NW6007	Deal Street Jn. - Ordsall Lane Jn.	Y	Y	Y	Y	Y	
NW6009	Windsor Bridge North Junction - Southport	R1	R1	R1 / R2	R1 / R2	R1 / R2 / R3	R1 Maximum speed 5 mph through Wigan Wallgate station. R2 Prohibited Wigan Station Jn. - Southport. R3 HST Trains permitted between Windsor Bridge North Jn and Wigan station Jn subject to a maximum speed of 10 mph over the following bridges. ELR: WBS1 Br48 (8m 16ch) ELR: WBS1 Br67 (11m 22ch) ELR: WBS1 Br69 (11m 47ch)
NW6011	Bolton East Junction - Blackburn Bolton Junction	Y	Y	Y	Y	Y	
NW6013	Lostock Junction - Crow Nest Junction	Y	Y	Y	Y	Y	
NW6015	Wigan Wallgate - Kirkby	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
NW6001	Bolton East Jn. – Blackburn Bolton Jn.	8	Y	Y	Y	Y	Y	Y	
NW6003	Castlefield Junction - Allerton Junction	7 R	Y	Y	Y	Y	Y	Y	R This route is RA8 between Castlefield Jn and Trafford Park.
NW6005	Man Victoria East Jn. - Windsor Bridge South Jn.	8	Y	Y	Y	Y	Y	Y	
NW6007	Deal Street Jn. – Ordsall Lane Jn.	8	Y	Y	Y	Y	Y	Y	
NW6009	Windsor Bridge North Jn. – Southport	8	R	R	R	R	R	R	R Light locomotives and loco-hauled trains of these classes are permitted throughout subject to a maximum speed of 10 mph over the following bridges. ELR: WBS1 Br.48 (8m 16ch) ELR: WBS1 Br.67 (11m 22ch) ELR: WBS1 Br.69 (11m 47ch)
NW6013	Lostock Jn. – Crow Nest Jn.	8	Y	Y	Y	Y	Y	Y	
NW6015	Wigan Wallgate - Kirkby	7	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
NW6001	Manchester Picc. East Jn - Euxton Jn.	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
NW6003	Castlefield Junction – Trafford Park	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
NW6003	Trafford Park - Allerton Junction	7	Y	Y	Y	Y	Y	Y	Y	Y	Y	
NW6005	Man Victoria East Jn. - Windsor Bridge South Jn.	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
NW6007	Deal Street Jn. – Ordsall Lane Jn.	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
NW6009	Windsor Bridge North Jn. – Southport	8	R1	R2	R1	R1	R1	R2	R1	R2	R1	<p>R1 Light locomotives and loco-hauled trains of these classes are permitted throughout subject to a maximum speed of 10mph over the following bridges. ELR:WBS1 Br48 (8m 16ch) ELR:WBS1 Br67 (11m 22ch) ELR:WBS1 Br69 (11m 47ch)</p> <p>R2 Light locomotives and loco-hauled trains of these classes are only permitted between Crow Nest Jn. and Southport only.</p>
NW6011	Bolton East Jn. – Blackburn Bolton Jn.	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
NW6013	Lostock Jn. – Crow Nest Jn.	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
NW6015	Wigan Wallgate - Kirkby	7	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
NW6001	Manchester Piccadilly East Junction - Euxton Junction	8	Y	Y	Y	Y	R1	R1	R1	N	R1	R1 Permitted AC mode Manchester Piccadilly East Jn. - Castlefield Jn. and dead-hauled throughout.
NW6003	Castlefield Junction - Allerton Jn.	7 R1	R2	Y	R3	Y	R4	R4	R4	N	R5	<p>R1 This route is RA8 between Castlefield Jn and Trafford Park.</p> <p>R2 Permitted subject to a maximum speed of 10mph over the following bridges: ELR: MAJ Br.129 &amp; Br.130 (18m 20ch to 18m 24ch)</p> <p>R3 Not permitted Trafford Park – Allerton Jn</p> <p>R4 Permitted AC mode Castlefield Jn. - United Football Ground Halt/Trafford Park reversing line and dead-hauled throughout.</p> <p>R5 Permitted AC mode Castlefield Jn. - United Football Ground Halt/Trafford Park Reversing Line.</p>
NW6005	Manchester Victoria East Jn. - Windsor Bridge South Jn.	8	Y	Y	Y	Y	R	R	R	N	N	R Not permitted Deal Street Jn. to Windsor Bridge South Jn.
NW6007	Deal Street Jn.- Ordsall Lane Jn.	8	Y	Y	Y	Y	E	E	E	N	N	

**Table D4C - Route clearance of locomotives Classes 60 to 92 – Continued**

Line of Route	Line of Route / Sector Description	RA	60	66	67	73	86	87	90	91	92	Notes
NW6009	Windsor Bridge North Junction - Southport	8	R1	R2	R2	R2	R2 R3	R2 R3	R2 R3	N	N	<p>R1 Permitted between Crow Nest Jn. and Southport only.</p> <p>R2 Permitted subject to a maximum speed of 10mph over the following bridges: ELR: WBS1 Br48 (8m 16ch) ELR: WBS1 Br67 (11m 22ch) ELR: WBS1 Br69 (11m 47ch)</p> <p>R3 Permitted dead hauled between Windsor Bridge North Jn. - Wigan station Jn. only.</p>
NW6011	Bolton East Junction - Blackburn Bolton Junction	8	Y	Y	Y	Y	E	E	E	N	N	
NW6013	Lostock Junction - Crow Nest Jn.	8	Y	Y	Y	Y	E	E	E	N	N	
NW6015	Wigan Wallgate – Kirkby	7	R	Y	R	Y	N	N	N	N	N	<p>R Permitted Wigan Wallgate – Knowsley Freight Terminal subject to a maximum speed of 30mph over the following bridges: ELR: WKL1 Br.52 (18m 29ch – 18m 33ch) ELR: WKL1 Br.53 (18m 40ch – 18m 44ch)</p>

**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
NW6001	Manchester Piccadilly East Jn. - Euxton Jn.	8	R1	R2	R1 SB1C (W9) Manchester Piccadilly East Jn. - Ordsall Lane Jn. R2 RA9/10 vehicles are restricted to 20mph Manchester Piccadilly East Jn. - Castlefield Jn.
NW6003	Castlefield Jn. - Allerton Jn.	7 R1	SB1C (W9)	R2	R1 This route is RA8 between Castlefield Jn. and Trafford Park West Jn. R2 RA8/9/10 vehicles permitted throughout, Castlefield Jn. to Allerton West Jn., subject to observance of the following restrictions: MAJ Br.111 (17m 68ch to 17m 73ch) 20mph over the bridge. MAJ Br's.129 & 130 (18m 20ch to 18m 24ch) 10mph over the bridges. Note that RA8 vehicles are not heavy axle weight between Castlefield Jn. and Trafford Park West Jn.
NW6005	Manchester Victoria East Jn. - Windsor Bridge South Jn.	8	R	Y	R SB1C (W9), Manchester Victoria East Jn. - Deal St.
NW6007	Deal Street Jn. - Ordsall Lane Jn.	8	SB1C (W9)	Y	
NW6009	Windsor Bridge North Jn. - Southport	8	R1	R2	R1 Clear to W6A Ex. (W7) Crow Nest Jn. - Southport. R2 RA8/9/10 vehicles prohibited Windsor Bridge North Jn - Crow Nest Jn. unless down-loaded to 21¼ t maximum laden axle weight. RA9/10 vehicles may run between Wigan Wallgate Jn. and Southport if special dispensation has been granted by the Territory Track Engineer.
NW6011	Bolton East Jn. - Blackburn Bolton Jn.	8	/	R	R ELR: BBB Br.9: RA9/10 vehicles restricted to 20mph over the bridge (12m 40ch - 12m 60ch). ELR: BBB Br.19: RA9/10 vehicles restricted to 20mph over the bridge (14m 40ch - 14m 60ch).
NW6013	Lostock Jn. - Crow Nest Jn.	8	W6A Ex. (W7)	Y	
NW6015	Wigan Wallgate - Kirkby	7	/	Y	

**THIS PAGE IS INTENTIONALLY BLANK**

## LOCAL INSTRUCTIONS

### Table of Contents

	<u>Page</u>
<b>W6001- MANCHESTER PICCADILLY EAST JN. TO EUXTON JN.</b>	
MANCHESTER PICCADILLY	61
BRINDLE HEATH SIDINGS	62
<b>NW6003- CASTLEFIELD JN. TO ALLERTON JN.</b>	
TRAFFORD PARK SIDINGS	62
IRLAM	62
GLAZEBROOK EAST JN. SB (GE)	63
WARRINGTON CENTRAL	63
HUNTS CROSS	63
<b>NW6005- MANCHESTER VICTORIA EAST JN. TO WINDSOR BRIDGE SOUTH</b>	
MANCHESTER VICTORIA	63
SALFORD HOPE STREET SIDINGS	64
<b>W6009- WINDSOR BRIDGE NORTH JN. TO SOUTHPORT</b>	
WIGAN WALLGATE	64
DEAN LANE LC (AHBC-X)	64
<b>NW6013- LOSTOCK JN. TO CROW NEST JN.</b>	
WESTHOUGHTON	64

**THIS PAGE IS INTENTIONALLY BLANK**

(

(

(

(

## NW6001 - MANCHESTER PICCADILLY EAST JN. TO EUXTON JN. MANCHESTER PICCADILLY

**Starting of trains from platforms** - additional instructions to *Rule Book Module SS1, Section 6, Clause 6.5*.

Except for light locomotives, the READY-TO-START signal must be given by means of the right away (RA) indicator.

On trains that do not have an opening window by the door controls, the guard must close all passenger doors, leaving the local door open. When the person in charge of the platform has given the STATION WORK COMPLETE signal, the guard must give the READY-TO-START signal to the person in charge of the platform, before closing the local door. The person in charge of the platform must ensure that the local door is shut and the hazard light is extinguished before pressing the RA button.

**Protection of staff working on or between station platforms.** These instructions may be used to protect staff carrying out the following activities only:

- working on failed trains,
- litter picking / track cleaning,
- white-lining platform edges,
- painting yellow lines on platforms.

1. When work is to be carried out on a failed train, the immediately adjoining line must be blocked in addition to the line on which the train is standing.

2. When litter picking or track cleaning is being carried out the following platform lines must be blocked together in pairs:

- 1 and 2,
- 3 and 4,
- 5 and 6,
- 7 and 8,

9 (between buffer stop and signal MP.390) and 10,

9 (between signals MP.390 & MP.374) and 13 (between signals MP.391 & MP.382),

11 and 12.

Except as shown above, platforms 13 and 14 may be blocked individually.

3. When white-lining platform edges or painting yellow lines on platforms only the affected platform line need be blocked.

4. *Protection procedure.*

4.1 The person in charge of the work requiring protection (PIC) must give the signaller at Manchester Piccadilly signal box the following details:

- name,
- employer,
- nature and location of the activity,
- how long the protection is required for.

4.2 The signaller must arrange the necessary signal protection and make a suitable entry in the Train Register/Occurrence book.

The PIC must ask the signaller to confirm the details of the entry in the Train Register/Occurrence book and when satisfied that they are correct, must repeat the name and employer details back to the signaller for confirmation.

4.3 Before commencing work the PIC must arrange for a detonator and red banner, board or flag to be placed on the track adjacent to the platform ramp end of the blocked line before starting work. This protection must be provided on each blocked line and at both ends of platforms 13 and 14.

4.4 Other than when a failed train is being worked on this protection procedure must not be used if there is a train stalled on the line(s) to be blocked unless the additional protection arrangements described in *Rule Book Module T2, Section 3, clauses 3.5 a) and b)* are put in place.

**4.5** When the work is complete and the protection noted in clause 4.3 has been removed the PIC must advise the signaller that all staff and equipment are clear of the line. The PIC must ensure that name and employer details are clearly confirmed to the signaller.

**4.6** If the PIC is relieved during the work the name and employer details of the new PIC must be advised to the signaller.

**Platforms 13 and 14.** Except in unavoidable circumstances, trains must not be delayed at platforms 13 or 14 awaiting attention to technical problems. Drivers must not wait until arrival at platforms 13 and 14 before requesting attention, unless prior arrangements have been made.

Drivers of down trains must work through to Oxford Road station. Drivers of up trains must not depart from Oxford Road until the necessary attention has been given or the driver has been advised what alternative arrangements have been made.

**Dated: 07/10/06**

## **NW6001 - MANCHESTER PICCADILLY EAST JN. TO EUXTON JN.**

### **Brindle Heath Sidings**

When entering the Tarmac Company's private siding, drivers must bring their trains to a stand clear of the discharge hopper and must work to the instructions of the company's person in charge whilst in the depot. **Locomotives must not be run over the discharge hopper.**

**Dated: 07/10/06**

## **NW6003 - CASTLEFIELD JN. TO ALLERTON JN.**

### **Trafford Park Sidings**

All movements are under the control of the person in charge at Trafford Park Sidings (PIC).

The maximum speed of trains in the sidings must not exceed **5 mph** hauling and **3 mph** propelling except on the reception and departure lines during daylight hours in clear weather, when the maximum speed must not exceed **10 mph**.

**Reception lines.** When vehicles of a train which has arrived on reception line No. 1 or 2 are drawn off at the east end, the train locomotive may follow the vehicles closely as far as signal MP.747 or MP.739. If for any reason the train locomotive does not follow the vehicles closely the driver must not move until authorised to do so by the PIC.

**Freightliner Terminal.** Drivers of trains entering and leaving the Freightliner terminal must sound the locomotive horn when approaching the level crossing leading to the terminal.

The maximum speed of trains in the terminal must not exceed **5 mph** except during daylight hours in clear weather, when the maximum speed must not exceed **10 mph**.

Authority for trains to depart will be given by the person in charge at the terminal.

**Manchester Euroterminal.** Arriving trains must be brought to a stand at the relevant 'Stop' board. All subsequent movements will be under the control of the person in charge.

**Reception emergency ground frame.** When a movement is signalled from signal MP.744 to sidings W1-W5 via the emergency ground frame, the driver must keep a good look-out for handsignals.

**Dated: 07/10/06**

## **NW6003 - CASTLEFIELD JN. TO ALLERTON JN.**

### **IRLAM**

A reflectorised 15mph. Warning Indicator with a left hand arrow is provided at 26 miles 13 chains on the down Liverpool line approaching Irlam station. This indicator applies to movements from the down Liverpool line to the down passenger loop at Glazebrook East Jn. If a forward route is set from signal GE.40 along the down Liverpool line, the associated AWS magnet will be suppressed and no AWS warning will be given. At all other times, drivers must expect to receive an AWS warning when passing this magnet.

**Dated: 07/10/06**



**NW6003 - CASTLEFIELD JN. TO ALLERTON JN.****Glazebrook East Jn. SB (GE)**

**ISC exchange sidings.** This connection must not be used without authority of the Network Rail Area Operations Manager, Manchester.

**Dated: 07/10/06****NW6003 - CASTLEFIELD JN. TO ALLERTON JN.****WARRINGTON CENTRAL**

**Burtonwood US Army siding.** This connection must not be used without the authority of the Network Rail Area Operations Manager, Manchester.

**Civil Engineer's siding.** The points of the trailing connection from No.2 siding to the civil engineer's siding must normally be kept clipped and padlocked for movements along No.2 siding. The padlock key must be kept in Warrington Central box.

When a movement is to be made to or from the civil engineer's siding, the person-in-charge of the movement (PIC) must first obtain the padlock key from the signaller.

When the movement has been completed the PIC must ensure that:

- any machine(s) or vehicle(s) to be left on the civil engineer's siding have been properly secured,
- the points have been clipped and padlocked in the normal position for movements along No.2 siding,
- the padlock key has been returned to Warrington Central box.

**Dated: 07/10/06****NW6003 - CASTLEFIELD JN. TO ALLERTON JN.****HUNTS CROSS**

A movement entering or leaving Allerton depot at the Hunts Cross end must not exceed 189 metres (approximately 207 yards) in length.

**Hunts Cross DMU Siding.** Drivers of trains signalled into Hunts Cross DMU siding must immediately contact the Signaller at Hunts Cross signal box, using the telephone provided at signal HC.536 and confirm that their train is completely behind signal HC.536 and clear of HC.748 points.

**Dated: 07/10/06****NW6005 - MANCHESTER VICTORIA EAST JN. TO WINDSOR BRIDGE SOUTH JN.****MANCHESTER VICTORIA**

**Working of steam locomotives.** Steam locomotives and steam hauled trains must be routed into platforms 3 and 4 only. Drivers must bring their trains to a stand at the platform starting signals, clear of the station roof. They must ensure that excessive smoke is not emitted and that there is no excessive escape of steam from the safety valve.

**Starting of trains from platforms** - additional instructions to *Rule Book Module SS1, Section 6, Clause 6.5.*

Except for light locomotives, the READY-TO-START signal must be given by means of the right away (RA) indicator.

On trains that do not have an opening window by the door controls, the guard must close all passenger doors, leaving the local door open. When the person in charge of the platform has given the STATION WORK COMPLETE signal, the guard must give the READY-TO-START signal to the person in charge of the platform, before closing the local door. The person in charge of the platform must ensure that the local door is shut and the hazard light is extinguished before pressing the RA plunger.

**Dated: 07/10/06**

## **NW6005 - MANCHESTER VICTORIA EAST JN. TO WINDSOR BRIDGE SOUTH JN.**

### **Salford Hope Street Sidings**

**Hope Street-RMC (North West Aggregates) Private Sidings.** Radios will be supplied by the Traincrew Supervisor at Buxton for use in controlling all train movements within the sidings at Hope Street.

Incoming trains must be brought to a stand at the 'Stop' board on the arrival siding. The locomotive(s) must be detached and the driver must obtain the authority of the RMC person in charge (PIC) to pass the 'Stop' board to enable the locomotive(s) to run round via the departure siding and the main line.

Should a train arrive at Hope Street between 1730 hrs and 2130 hrs when there are no RMC staff on duty, the 'Stop' board may be passed without authority in order to release the locomotive(s).

Authority to proceed into the sidings will be given by means of a green light situated on the discharge buildings. When the train is ready to propel from the arrival sidings to the RMC sidings, the trainman must check that the green light is still illuminated. If the green light fails the RMC PIC must give verbal authority for any train movements.

**Dated: 07/10/06**

## **NW6009 - WINDSOR BRIDGE NORTH JN. TO SOUTHPORT WIGAN WALLGATE**

**Up carriage sidings.** When the person in charge of the sidings is not on duty, the driver or person in charge of any movement requiring to leave the sidings must get the authority of the signaller at Wigan Wallgate signal box, before making a movement towards the sidings outlet signal. The signaller must also be advised of the description and destination of the movement.

**Dated: 07/10/06**

## **NW6009 - WINDSOR BRIDGE NORTH JN. TO SOUTHPORT Dean Lane LC (AHBC-X)**

If a train is brought to a stand on the up line at the signal protecting the level crossing (BB.101), due to the signal being at danger, the driver must use the telephone at the signal to contact Burscough Bridge Junction signal box and then carry out any instructions given by the signaller.

If the telephone has failed, the driver must try to speak to the signaller from the telephone at the crossing. If this is not possible, the driver must operate the emergency plunger provided at the signal to lower the barriers. If the signal then clears, the train may proceed normally, but the failure of the telephone must be reported to the signaller at Parbold signal box. If the stop signal fails to clear, the driver may pass the signal at danger but must not proceed over the crossing until sure that it is safe to do so.

**Dated: 07/10/06**

## **NW6013 - LOSTOCK JN. TO CROW NEST JN. WESTHOUGHTON**

**Metal Box Company's siding.** All trains must be brought to a stand at the 'Stop and Await Instructions' board. Shunting movements into this siding must be accompanied by the Company's staff.

**Dated: 07/10/06**