

# **Module NW6**

## **LNW North Route Sectional Appendix Module 6**

(

(

(

(

## LIST OF MODULE PAGES AND DATES

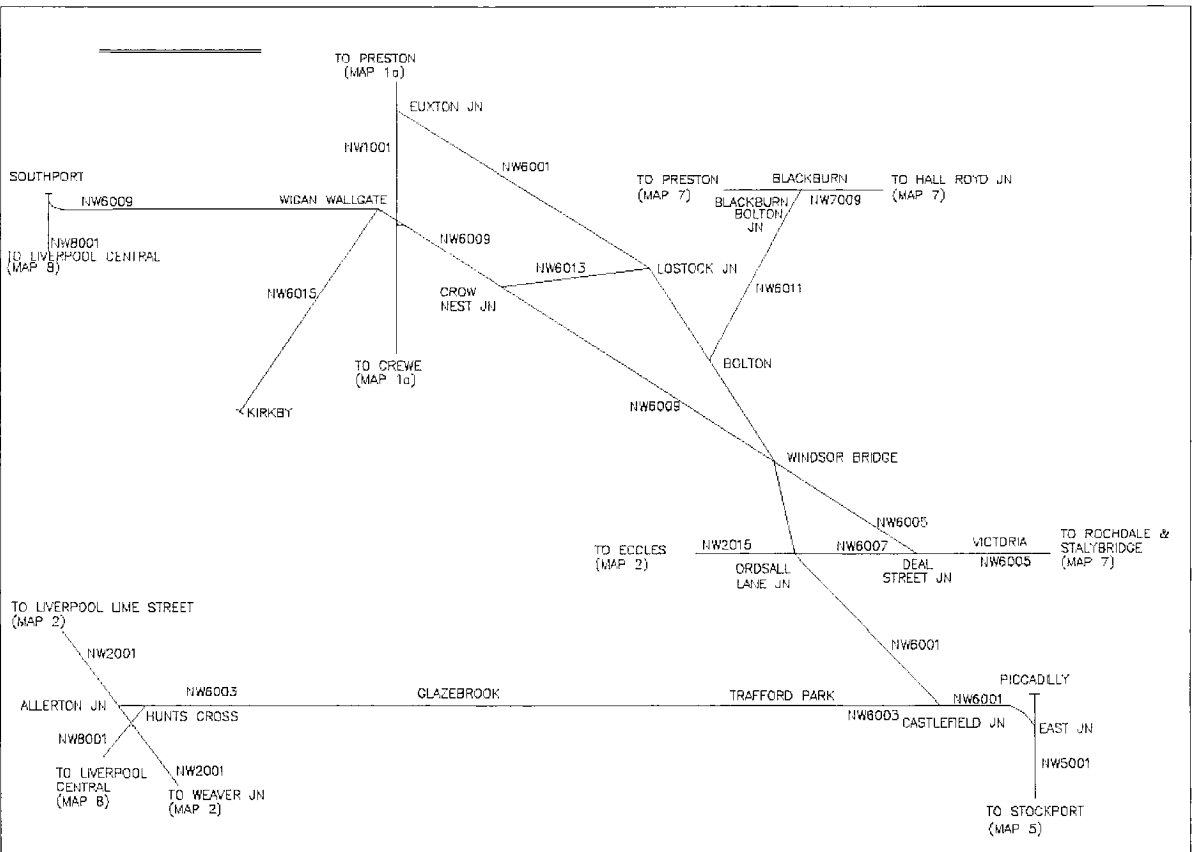
Page	Date Last Changed
1	03 October 2009
2	03 October 2009
3	03 October 2009
4	03 October 2009
5	03 October 2009
6	03 October 2009
7	03 October 2009
8	03 October 2009
9	03 October 2009
10	03 October 2009
11	03 October 2009
12	03 October 2009
13	03 October 2009
14	03 October 2009
15	03 October 2009
16	03 October 2009
17	03 October 2009
18	03 October 2009
19	03 October 2009
20	03 October 2009
21	03 October 2009
22	03 October 2009
23	03 October 2009
24	03 October 2009
25	03 October 2009

Page	Date Last Changed
26	03 October 2009
27	03 October 2009
28	03 October 2009
29	03 October 2009
30	03 October 2009
31	03 October 2009
32	03 October 2009
33	03 October 2009
34	03 October 2009
35	03 October 2009
36	03 October 2009
37	03 October 2009
38	03 October 2009
39	03 October 2009
40	03 October 2009
41	03 October 2009
42	03 October 2009
43	03 October 2009
44	03 October 2009
45	03 October 2009
46	03 October 2009
47	03 October 2009
48	03 October 2009
49	03 October 2009
50	03 October 2009

## TABLE OF CONTENTS

	<u>Page</u>
Maps	3
Exceptionally Poor Rail Adhesion	5
Table A Diagrams	9
Special Working Arrangement	41
Local Instructions	45

# MAPS



(

(

This page is intentionally blank

(

(

**EXCEPTIONALLY POOR RAIL ADHESION**  
**Table of Contents**

	<u>Page</u>
NW6003- CASTLEFIELD JN. TO ALLERTON JN.	7
NW6009- WINDSOR BRIDGE NORTH JN. TO SOUTHPORT	7

(

(

This page is intentionally blank

(

(



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

( Location	Line(s) Affected	Mileage (Between)				
		29 m	40 ch	to	28 m	50 ch
		Humphrey Park and Chassen Road	Down Liverpool, Up Liverpool			
Halewood and Hunts Cross West Jn	Down main (Cheshire line)	7 m	60 ch	to	6 m	11 ch
Dated: 07/10/06						

**NW6009 (WINDSOR BRIDGE NORTH JN. TO SOUTHPORT)**

Location	Line(s) Affected	Mileage (Between)				
Moorside and Ince	Down main	7 m	00 ch	to	15 m	40 ch
Dated: 07/10/06						

(

(

This page is intentionally blank

(

(

**TABLE A DIAGRAM**  
**Table of Contents**

	<b><u>Page</u></b>
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	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	01/12/07
Location	Mileage M Ch	Running lines & speed restrictions	COL	Signalling & Remarks	
Manchester Piccadilly East Jn	188 48	Continued on NW5001 seq 11		TCB Manchester Piccadilly SB (MP) AC: Crewe	NRN 
<b>MANCHESTER PICCADILLY</b>	188 65			Platform Lengths: Manchester Piccadilly Platform 13 Up 277m (303yards) Permissive PP-C <sup>1</sup> Down 277m (303yards) Permissive PP-C <sup>2</sup> Platform 14 Up 265m (290yards) Permissive PP-C <sup>3</sup> Down 266m (291yards) Permissive PP-C <sup>4</sup>	
Manchester Piccadilly West Jn	188 71 188 72 *			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	
	189 03 *				
	189 20 *				
<b>OXFORD ROAD</b>	189 28 * 189 29			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 PP 105m (115yards)	
	189 36 * 189 39 *			DOX=Down Oxford Road UOX=Up Oxford Road	

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	
					<p>TCB Manchester Piccadilly SB (MP) AC: Crewe</p> <p>NRN 017</p> <p>AC to Castletfield Jn only.</p> <p>DOX=Down Oxford Road UOX=Up Oxford Road</p> <p>Platform Lengths: Deansgate Up 150m (164 yards) Down 155m (170 yards)</p> <p>DB=Down Bolton UB=Up Bolton</p>	
<b>DEANSGATE</b>		189 43				
Castletfield Jn		189 57				
		189 67 *				
		190 23				
Ordsall Lane Jn		190 28 *				
		190 70 *				

LOR Seq. Line of Route Description  
 NW6001 003 Manchester Piccadilly East Jn. to Euxton Jn.


Location Mileage  
 M Ch

Running lines & speed restrictions

ELR  
 OLW MVE1

Route Last Updated  
 LNW North 07/10/06

Signalling & Remarks

TCB Manchester Piccadilly SB (MP) 

Windsor Bridge South Jn

190 72 \*

191 01  
 1 46

1 55 \*  
 191 10

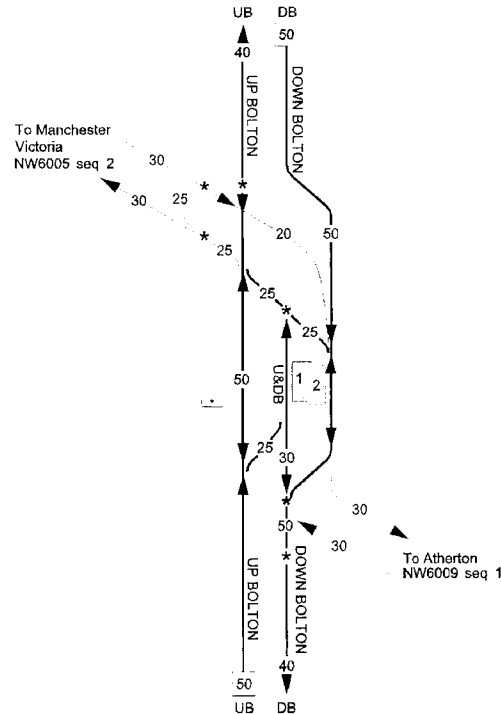
**SALFORD CRESCENT**  
 Manchester North SB (MN)

1 59  
 1 61

Windsor Bridge North Jn

1 66 \*


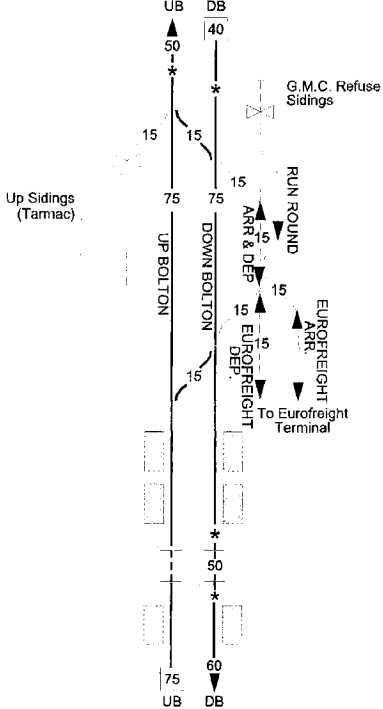
1 70 \*



Platform Lengths: Salford Crescent  
 Platform 1 -  
 129m (141yards)  
 Platform 2 -  
 129m (141yards)

U&DB='Up & down' Bolton

Manchester North SB (MN) does not  
 control any lines on this page.

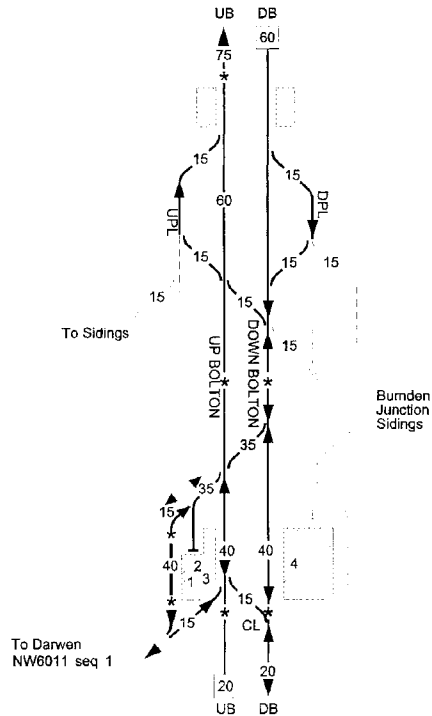
LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6001	004	Manchester Piccadilly East Jn. to Euxton Jn.	MVE1	LNW North	16/06/07
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
			TCB Manchester Piccadilly SB (MP)		
					
Agecroft South Jn	1 77 * 2 10 * 2 70		Platform Lengths: Clifton Up 172m (188yards) Down 172m (188yards) Platform Lengths: Kearsley Up 126m (138yards) Down 109m (119yards) Platform Lengths: Farnworth Up 143m (156yards) Down 149m (163yards)		
Brindle Heath Sidings	3 08				
Agecroft North Jn	3 28 3 33				
<b>CLIFTON</b>	4 57				
<b>KEARSLEY</b>	7 57				
Farnworth Tunnels (270m/295yd)	8 05 * 8 10 to 8 24 8 26 *				
<b>FARNWORTH</b>	8 31				




LOR	Seq.	Line of Route Description
NW6001	005	Manchester Piccadilly East Jn. to Euxton Jn.

Location	Mileage M Ch
	8 75 *
<b>MOSES GATE</b>	9 06
Moses Gate Jn	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 *

## Running lines & speed restrictions



ELR	Route	Last Updated
MVE1 MVE2	LNW North	01/12/07
Signalling & Remarks		

TCB Manchester Piccadilly SB (MP) 

Moses Gate  
Up 79m (86yards)  
Down 79m (86yards)

DPL 806m (2645ft)  
UPL 679m (2229ft)

Platform Lengths: Bolton  
Platform 1 Permissive PP -A  
Up 187m (205yards)  
Down 137m (150yards)  
Platform 2 Permissive PP  
104m (114yards)  
Platform 3 Permissive PP -A  
Up 308m (337yards)  
Down 222m (243yards)  
Platform 4 Permissive PP -A  
252m (276yards)  
CL=Connecting Line

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6001	006	Manchester Piccadilly East Jn. to Euxton Jn.	MVE2	LNW North	14/03/09
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
			<p>TCB Manchester Piccadilly SB (MP)</p> <p>NRN 017</p>		
Moor Lane Tunnels (70m/77yd)	10 70 *				
	11 01 to 11 05				
Lostock Jn	13 39 *				
	13 45 *				
<b>LOSTOCK</b>	13 52				
			<p>Platform Lengths: Lostock Up 155m (170yards) Down 156m (171yards)</p> <p>Area channel change at 13m 52ch</p> <p>NRN 017 Up NRN 088 Down</p>		

LOR Seq. Line of Route Description  
 NW6001 007 Manchester Piccadilly East Jn. to Euxton Jn.

ELR  
 MVE2

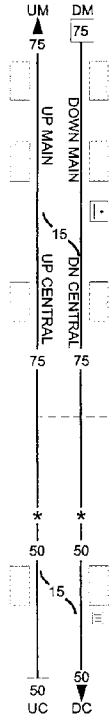
Route Last Updated  
 LNW North 01/03/08

Location Mileage  
 M Ch

Running lines & speed restrictions

Signalling & Remarks

Location	Mileage M	Ch
<b>HORWICH PARKWAY</b>	15	50
<b>BLACKROD</b>	17	14
Blackrod Jn SB (BJ)	17	27
<b>ADLINGTON</b>	19	15
Gillets LC (UWC)	20	75 T
	22	15 *
<b>CHORLEY</b>	22	20
Friday Street GF	22	24



TCB Blackrod Jn. SB (BJ) NRN 088

Platform Lengths: Horwich Parkway  
 Up 141m (154yards)  
 Down 141m (154yards)

Preston SB (PN)


Platform Lengths: Blackrod  
 Up 114m (125yards)  
 Down 114m (125yards)

Platform Lengths: Adlington  
 Up 127m (139yards)  
 Down 124m (136yards)

Platform Lengths: Chorley  
 Up 142m (155yards)  
 Down 138m (151yards)

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6001	008	Manchester Piccadilly East Jn. to Euxton Jn.	MVE2	LNW North	13/12/08
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
		<div> <div>UC</div> <div>50</div> <div>50</div> <div>60</div> <div>75</div> <div>75</div> <div>UP CENTRAL</div> <div>50</div> <div>60</div> <div>110</div> <div>110</div> <div>30</div> <div>30</div> <div>75</div> <div>75</div> <div>DOWN CENTRAL</div> <div>50</div> <div>50</div> <div>UP FAST</div> <div>DOWN FAST</div> <div>UP SLOW</div> <div>DOWN SLOW</div> <div>To Leyland NW1001 seq 22</div> <div>To Wigan NW1001 seq 22</div> </div>	<div> <div>TCB</div> <div>Preston SB (PN)</div> <div>NRN 086</div> </div>		
	22 30 *				
	22 50 *				
	22 64 *				
Chorley Tunnel (113m/124yd)	23 20				
	23 25				
	25 08 *				
Euxton Jn	25 15				
	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		TCB Manchester Piccadilly SB (MP) AC: Crewe	NRN 017	
			AC to Trafford Park Sidings only.		
Trafford Park East Jn	32 02 32 58 * 32 54 * 32 09		Trafford Park Reversing Line 222m (729ft)		
			United FC Halt 145m (159yards)		
<b>UNITED FC HALT</b>	31 70		1 applies AC electric locomotives and EMU's only 2 applies to all other trains		
Trafford Park West Jn	31 66 *		Platform Lengths: Trafford Park Up 137m (150yards) Down 137m (150yards)		
Trafford Park Sidings	31 35		Platform Lengths: Humphrey Park Up 68m (74yards) Down 68m (74yards)		
<b>TRAFFORD PARK</b>	30 68				
<b>HUMPHREY PARK</b>	30 17				

LOR	Seq.	Line of Route Description	Mileage		Running lines & speed restrictions	ELR	Route	Last Updated
NW6003	002	Castlefield Jn. to Allerton Jn.	M	Ch		MAJ	LNW North	07/10/06
		Location				Signalling & Remarks		
						TCB Manchester Piccadilly SB (MP) 		
						to Urmston. Exceptional rail head conditions down and up Liverpool lines between 29m 40ch and 28m 50ch.		
						AB Glazebrook East Jn. SB (GE)		
						Platform Lengths: Urmston Up 150m (164yards) Down 155m (170yards)		
						Platform Lengths: Chassen Road Up 144m (157yards) Down 144m (157yards)		
						Platform Lengths: Flixton Up 152m (166yards) Down 137m (150yards)		
						Platform Lengths: Irlam Up 122m (133yards) Down 122m (133yards)		
						DPL 288m (945ft)		
						To former Glazebrook(MSC) out of use		

LOR Seq. Line of Route Description  
NW6003 003 Castlefield Jn. to Allerton Jn.


ELR  
MAJ

Route Last Updated  
LNW North 07/10/06

Location Mileage  
M Ch

Running lines & speed restrictions

Signalling & Remarks

AB Glazebrook East Jn SB (GE) 

**GLAZEBROOK**

**BIRCHWOOD**

**PADGATE**

Warrington Central SB (WC)

**WARRINGTON CENTRAL**

24 53

24 37

21 50 \*

21 44

20 13

19 70 \*

19 45 \*

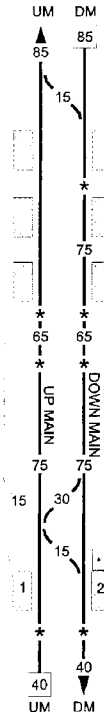
18 40

18 34

18 30

18 25 \*

Sidings



Platform Lengths: Glazebrook  
Up 90m (98yards)  
Down 88m (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)

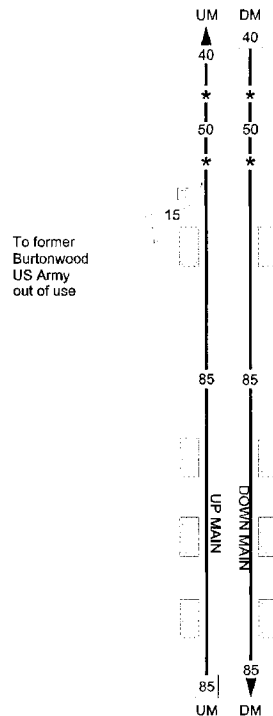
LOR	Seq.	Line of Route Description
NW6003	004	Castlefield Jn. to Allerton Jn.

ELR
MAJ

Route	Last Updated
LNW North	07/10/06

Location	Mileage M Ch	
	17 68 *	
	17 12 *	
Burtonwood GF	17 11	T
<b>SANKEY</b>	15 67	
	13 79	T
<b>WIDNES</b>	12 20	
<b>HOUGH GREEN</b>	10 42	
<b>HALEWOOD</b>	8 15	

# Running lines & speed restrictions



# Signalling & Remarks

TCB	Warrington Central SB (WC)	NRN 017
-----	----------------------------	------------

to Widnes (exclusive)

Platform Lengths: Sankey  
Up 98m (107yards)  
Down 92m (101yards)

Hunts Cross SB (HC)

Platform Lengths: Widnes  
Up 103m (113yards)  
Down 103m (113yards)

Platform Lengths: Hough Green  
Up 128m (140yards)  
Down 128m (140yards)

Platform Lengths: Halewood  
Up 107m (117yards)  
Down 107m (117yards)



LOR	Seq.	Line of Route Description
NW6003	005	Castlefield Jn. to Allerton Jn.
Location		Mileage
		M Ch

## Running lines &amp; speed restrictions

ELR

MAJ

Route  
LNW North

Last Updated  
01/12/07

## Signalling &amp; Remarks

TCB	Hunts Cross SB (HC)	NRN
	AC: Crewe	017
	DC: Sandhills	

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 PP  
Up and Down: 130m (142 yards)

Hunts Cross SB (HC)

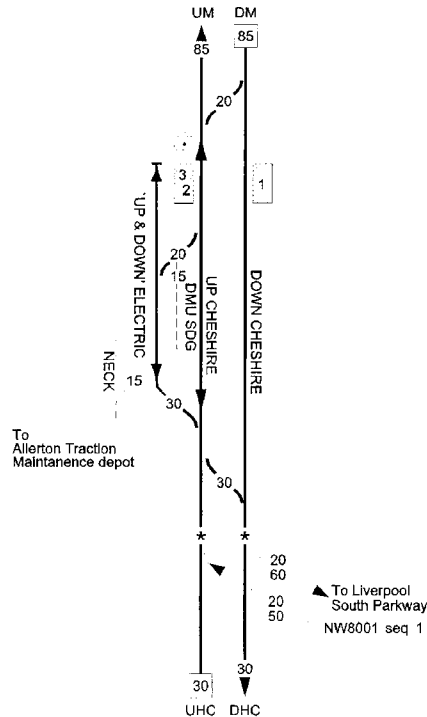
7 12

**HUNTS CROSS**

7 07

6 71

Hunts Cross West Jn

6 11 \*  
0 37


To Liverpool  
South Parkway  
NW6001 seq 1

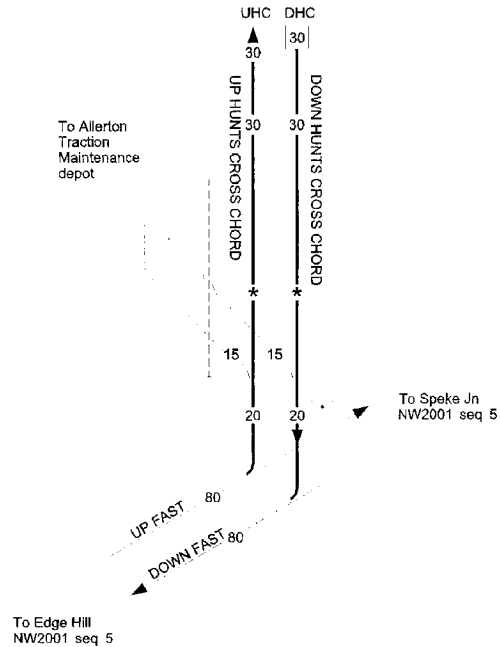
UHC = Up Hunts Cross Chord  
DHC = Down Hunts Cross Chord

LOR Seq. Line of Route Description  
NW6003 006 Castlefield Jn. to Allerton Jn.

ELR Route Last Updated  
AHX LNW North 07/10/06

Location	Mileage M Ch
	0 10 *
Allerton Jn SB (AN)	0 08
Allerton Jn	0 JP00 187 74

Running lines & speed restrictions



Signalling & Remarks

TCB Allerton Jn SB (AN)  
AC: Crewe

NRN 017

UHC = Up Hunts Cross Chord  
DHC = Down Hunts Cross Chord

LOR	Seq.	Line of Route Description	ELR
NW6005	001	Manchester Victoria East Jn. to Windsor Bridge South Jn.	MVE
Location	Mileage M Ch	Running lines & speed restrictions	
Manchester Victoria East Jn.	0 09		
<b>MANCHESTER VICTORIA</b>	0 00 0 00 0 07 *		
Manchester Victoria West Jn.	0 16		
	0 32		
Deal Street Jn.	0 43		

Route	Last Updated
LNW North	07/10/06
Signalling & Remarks	
TCB	Manchester North SB (MN)
	NRN 017
Line direction from Miles Platting to Manchester Victoria Station is Up	
DRF = Down Rochdale Fast URF = Up Rochdale Fast DRS = Down Rochdale Slow URS = Up Rochdale Slow	
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)	
Turnback 171m (561ft)	
USF = Up Salford Fast DSF = Down Salford Fast USS = Up Salford Slow DSS = Down Salford Slow DCM = Down Chat Moss UCM = Up Chat Moss	
U-SAL = Up Salford D-SAL = Down Salford	

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6005	002	Manchester Victoria East Jn. to Windsor Bridge South Jn.	MVE	LNW North	23/06/07
Location		Mileage M Ch	Running lines & speed restrictions		Signalling & Remarks
					<p>TCB Manchester North SB (MN) </p> <p>to Salford inclusive</p> <p>U-SAL = Up Salford D-SAL = Down Salford</p> <p>Platform Lengths: Salford Central Up 136m (149yards) Down 140m (153yards)</p> <p>Arr/Dep Line=Arrival/Departure Line</p> <p>Manchester Piccadilly SB (MP)</p>
<b>SALFORD CENTRAL</b>		0 49 *			
		0 59			
Salford West Jn.		0 66			
Salford Hope Street Sidings		1 29 *			
		1 40 *			
Windsor Bridge South Jn		1 55			

LOR	Seq.	Line of Route Description
NW6007	001	Deal Street Jn. to Ordsall Lane Jn.
		Location
		Mileage
		M Ch

ELR  
DSE

Route  
LNW North

Last Updated  
07/10/06

Signalling & Remarks

TCB Manchester North SB (MN)

NRN  
017

USF = Up Salford Fast  
DSF = Down Salford Fast  
USS = Up Salford Slow  
DSS = Down Salford Slow

Deal Street Jn.

Ordsall Lane Jn

0 32

0 43  
31 07 \*

31 01 \*

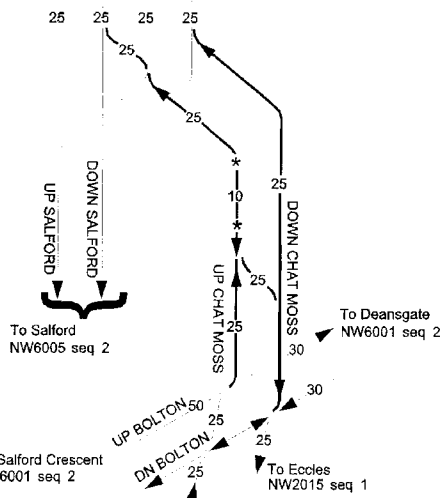
30 76

30 38

To Manchester  
Victoria  
NW6005 seq 1

25 25 25 25

USF DSF USS DSS




Manchester Piccadilly SB (MP)

LOR	Seq.	Line of Route Description	ELR
NW6009	001	Windsor Bridge North Jn. to Southport	WBS

Location	Mileage M Ch	Running lines & speed restrictions
Windsor Bridge North Jn	1 66	
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	
<b>MOORSIDE</b>	5 61	

Route	Last Updated
LNW North	07/10/06

Signalling & Remarks
TCB Manchester Piccadilly SB (MP) 

Platform Lengths: Swinton  
Up 68m (74 yards)  
Down 45m (49 yards)

Platform Lengths: Moorside  
Up 109m (119 yards)  
Down 110m (120 yards)

LOR Seq. Line of Route Description  
NW6009 002 Windsor Bridge North Jn. to Southport

Location

Mileage  
M Ch

Running lines & speed restrictions

ELR  
WBS1 WBS2

Route  
LNW North

Last Updated  
28/04/07

Signalling & Remarks

Walkden SB (WN)

7 33

**WALKDEN**

7 42

**ATHERTON**

11 01

Atherton Goods Yard SB (AN)

11 18

**HAG FOLD**

11 59

**DAISY HILL**

12 57

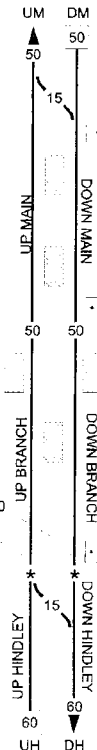
Crow Nest Jn SB (CN)

14 62

Crow Nest Jn  
(Change of ELR)

14 64 \*

To Westhoughton  
NW6013 seq 001



Exceptional Rail Head Conditions:  
Down Main / Down Branch / Down Hindley line  
between 7m 00ch and 15m 40ch.

Platform Lengths: Walkden  
Up: 77 metres (84 yards)  
Down: 75 metres (82 yards)

Atherton Goods Yard SB (AN)

Platform Lengths: Atherton  
Up: 119 metres (130 yards)  
Down: 99 metres (108 yards)

Platform Lengths: Hag Fold  
Up: 96 metres (105 yards)  
Down: 96 metres (105 yards)

Platform Lengths: Daisy Hill  
Up: 105 metres (115 yards)  
Down: 102 metres (112 yards)


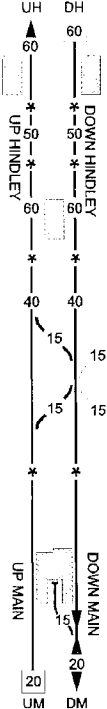
TCB Crow Nest Jn. SB (CN)

Warrington PSB (WN)




AB Walkden SB (WN)

AB

LOR	Seq	Line of Route Description	ELR	Route	Last Updated
NW6009	003	Windsor Bridge North Jn. to Southport	WBS WBS3	LNW North	01/12/07
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
			TCB Warrington SB (WN) 		
			to Wigan Station Jn. inclusive		
<b>HINDLEY</b>	15 17		Platform Lengths: Hindley Up 99m (108yards) Down 107m (117yards)		
	16 00 *				
	16 20 *				
<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		Platform Lengths: Wigan Wallgate Up 182m (199yards) Permissive PP-A Down 192m (210yards) Permissive PP-A 82m (90yards) Permissive PP		



# LNW North Route Sectional Appendix Module NW6

LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6009	004	Windsor Bridge North Jn. to Southport	WBS3	LNW North	23/06/07
Location	Mileage M	Ch	Running lines & speed restrictions		
	18	02			
Wigan Wallgate Jn	18	04			
Wigan Wallgate SB (WW)	18	09			
	18	15 *			
	18	21 *			
	20	46			
GATHURST	21	40 *			
	22	30			
APPLEY BRIDGE					
			<p>TCB Wigan Wallgate SB (WW) </p> <p>AB</p> <p>Platform Lengths: Gathurst Up 118m (129yards) Down 117m (128yards)</p> <p>Platform Lengths: Appley Bridge Up 94m (103yards) Down 94m (103yards)</p>		

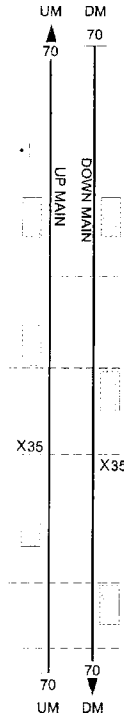
LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6009	005	Windsor Bridge North Jn. to Southport	WBS3	LNW North	03/10/09
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
			<p>AB Wigan Wallgate SB (WW) </p> <p>Parbold SB</p> <p>Platform Lengths: Parbold Up 104m (114yards) Down 118m (129yards)</p> <p>TCB Burscough Bridge Jn SB (BB)</p> <p>Platform Lengths: Hoscarr Up 116m (127yards) Down 159m (174yards)</p>		
	22 37 *				
	23 27 *				
	23 47 *				
Chapel Lane LC (MCG)	24 06				
	24 32 *				
	24 43 *				
Parbold SB LC (MCB)	24 49				
<b>PARBOLD</b>	24 53				
Ferret Lane LC (UWC)	25 12				
Dean Lane LC (AHBC-X)	25 57				
Frog Lane LC (UWC)	25 77				
<b>HOSCAR (Up Platform)</b>	26 07				
Hoscarr 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 (R/G)	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 Last Updated  
LNW North 01/12/08

Signalling & Remarks

TCB Burscough Bridge Jn. SB (BB)



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	01/12/07
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
Pool Hey LC (AHBC)	32 44 32 50 *		TCB Burscough Bridge Jn. SB (BB)		
MEOLS COP	34 02 34 05 *		Merseyrail SB (ML)		
Goods Yard GF	34 58 35 05 *		Platform Lengths: Meols Cop Up 109m (119yards) Down 111m (121yards)		
SOUTHPORT	35 27		Platform Lengths: Southport Platform 3 Permissive PP 185m (202yards) Platform 4 Permissive PP 169m (185yards) Platform 5 Permissive PP 241m (264yards) Platform 6 Permissive PP 239m (261yards)		

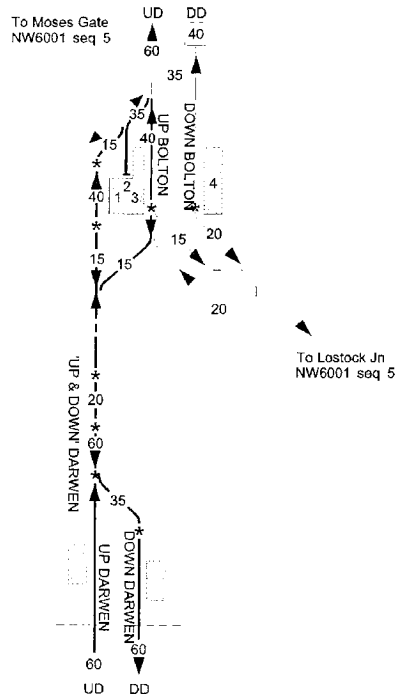


LOR	Seq.	Line of Route Description
NW6011	001	Bolton East Jn. to Blackburn Bolton Jn.
Location	Mileage	Ch

Running lines & speed restrictions

ELR	Route	Last Updated
BBB	LNW North	01/12/07
Signalling & Remarks		

Bolton East Jn	10	31	
<b>BOLTON</b>	10	42	*
	10	50	
Bolton West Jn	10	55	*
Bradshawgate Tunnel (80m/87yd)	10	68	
	to	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



TCB	Manchester Piccadilly SB (MP)	NRN 017
-----	-------------------------------	------------

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

Area channel  
 change at  
 10m 65ch

NRN 017	Up
NRN 088	Down

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

LOR Seq. Line of Route Description  
 NW6011 002 Bolton East Jn. to Blackburn Bolton Jn.

ELR  
 BBB

Route Last Updated  
 LNW North 07/10/06

Location Mileage  
 M Ch

Running lines & speed restrictions

Signalling & Remarks

### BROMLEY CROSS

13 45

Bromley Cross LC (FP)  
 (Not block post)

13 47

13 71 \*

13 75 \*

15 14 \*

Turton LC (A.O.C.L)

15 19 \*

15 36 \*

### ENTWISTLE

16 47

Sough Tunnel  
 (1841m/1 mile 255yd)

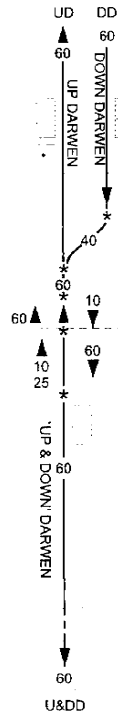
17 60 T

17 61

to

18 73

18 74 T



TCB Manchester Piccadilly SB (MP)



Platform Lengths: Bromley Cross  
 Up 95m (104yards)  
 Down 95m (104yards)

Platform Lengths: Entwistle  
 Up & Down 119m (130yards)

LOR Seq. Line of Route Description  
 NW6011 003 Bolton East Jn. to Blackburn Bolton Jn.

ELR  
 BBB

Route Last Updated  
 LNW North 03/10/09

Location

Mileage  
 M Ch

Running lines & speed restrictions

Signalling & Remarks

TCB

Preston SB (PN)



**DARWEN**

Platform Lengths: Darwen  
 Up 80m (87yards)  
 Down 79m (86yards)

CW. Up at 20m 39ch (548m/599yd  
 before reaching signal PN.467)

(PF) 'up & down' goods.

CW. 'Up & down' Darwen at 24m  
 01ch (facing in down direction)

Blackburn Bolton Branch Jn.

23 60

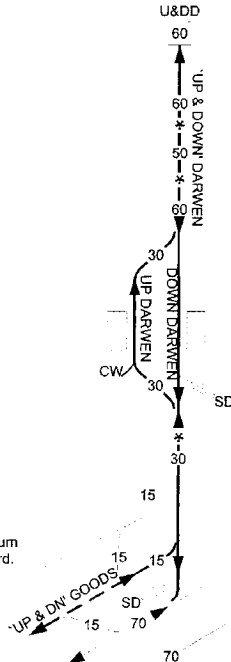
Blackburn Bolton Jn

24 08  
 10 11

To Blackburn  
 Goods Yard.

To Mill Hill  
 NW7009 seq 004

To Blackburn  
 NW7009 seq 005



LOR	Seq.	Line of Route Description	ELR	Route	Last Updated
NW6013	001	Lostock Jn. to Crow Nest Jn.	LCN	LNW North	14/03/09
Location	Mileage M Ch	Running lines & speed restrictions	Signalling & Remarks		
Lostock Jn	13 39		TCB Manchester Piccadilly SB (MP)		
	13 45 *		to Crow Nest Jn. exclusive.		
	13 60 *		NRN 017		
Metal Box Co. Siding			(1) Ground Frame and Crossover Out of Use.		
Westthoughton GF	15 06		Platform Lengths: Westthoughton Up: 96 metres (105 yards). Down: 99 metres (108 yards).		
<b>WESTTHOUGHTON</b>	15 25		Crow Nest Jn SB		
Crow Nest Jn	17 18 *				
Crow Nest Jn SB (CN)	14 64				
	14 62				



LOR	Seq.	Line of Route Description
NW6015	001	Wigan Wallgate to Kirkby
Location		Mileage
		M Ch

Wigan Wallgate Jn	18 JP 04	
	18 07 *	
Wigan Wallgate SB (WW)	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 *	

### Running lines & speed restrictions


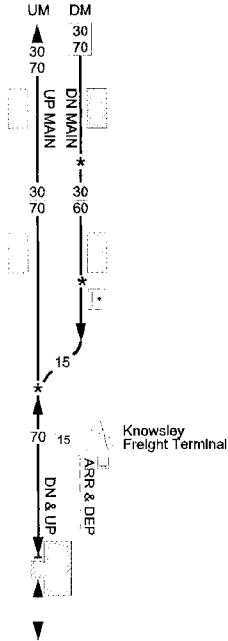
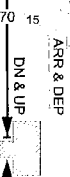


ELR	Route	Last Updated
WKL1 WKL2	LNW North	07/10/06
Signalling & Remarks		

AB	Wigan Wallgate SB (WW)	NRN
		017

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		
			AB Wigan Wallgate SB (WW) 		
<b>UPHOLLAND</b>	22 24		Platform Lengths: Upholland Up 46m (50yards) Down 49m (54yards)		
Dukes Wood LC (JWC)	23 10 * 23 11		Platform Lengths: Rainford Up 51m (56yards) Down 72m (79yards) OT(S) Rainford Junction SB		
<b>RAINFORD</b>	24 30				
Rainford Junction SB	24 34 * 24 35				
	24 39 *				
Dale Lane GSP	28 25		Platform Lengths: Kirkby (Single line to Rainford) Up & Down 114m (125yards)		
<b>KIRKBY</b>	29 40				

**SPECIAL WORKING ARRANGEMENT**  
**Table of Contents**

NW6001- MANCHESTER PICCADILLY EAST JN. TO EUXTON JN.	<u>Page</u> 43
--	-------------------

(

(

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
Burden 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

(

(

## LOCAL INSTRUCTIONS

### Table of Contents

#### Page

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

MANCHESTER PICCADILLY

46

BRINDLE HEATH SIDINGS

47

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

TRAFFORD PARK SIDINGS

47

IRLAM

47

GLAZEBROOK EAST JN. SB (GE)

48

WARRINGTON CENTRAL

48

HUNTS CROSS

48

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

MANCHESTER VICTORIA

48

SALFORD HOPE STREET SIDINGS

49

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

WIGAN WALLGATE

49

CHAPEL LANE LC (MCG)

49

DEAN LANE LC (AHBC-X)

49

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

WESTHOUGHTON

50

## 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 stabled 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)

**MSC 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 Chapel Lane LC (MCG)**

Drivers of trains detained at the signals protecting Chapel Lane crossing must contact the Crossing Keeper (Tel 058 9573) to receive instructions.

If the Crossing Keeper is unable to signal trains over the crossing, a green hand signal will be displayed from the crossing to authorise train drivers to proceed.

**Dated: 25/04/09**

## **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**