Module LN6

London North Eastern Route Sectional Appendix Module 6

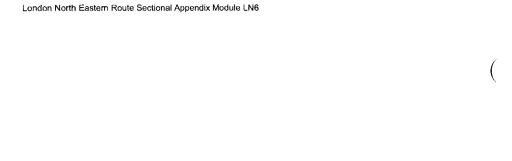
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MAPS

MAP 6: CLAY CROSS NORTH JN TO GASCOIGNE WOOD AND BRANCHES GASCOIGNE WOOD (See Map 7b) Ferrybridge North Jn Ferrybridge South Jn Moorthorpe Jn LN824 South Kirkby Jn -LN822- Frickley Colliery (See Map 6a) Doncaster LN804 South Yorkshire Jn Hexthorpe (See Map 2a) LN826 Mexborough Jn Bridge Jn Swinton Jns LN826 1 N832 (See Module 2) St. James Jn LN828 Aldwarke Jn LN804 LN818-Rotherham Central Jn Masborough Jn LN830 Holmes Jn Tinsley South Jn Wincobank Jn Tinsley Yard LN809-Treeton Jn East End Shepcote Nunnery Main LN806 Lane Jns Line Jn Broughton Sheffield Lane Jn Woodburn Jn (See Map 4a) LN804 Woodhouse Jn Totley Dore Station (See Map 4c) LN808 --**Tunnel East** Dore Jn West Jn Dore South LN807-LN816-Beighton Jn Tapton Jn Barrow Hill Foxlow Jn LNB04 North Jn Hall Lane Jn CLAY CRÖSS NORTH JN

Arrow Denotes Down Direction

TABLE A DIAGRAM Table of Contents

| | raye |
|--|------|
| LN774- BARROW HILL NORTH JN TO OXCROFT DISPOSAL POINT | 7 |
| LN776- HALL LANE JN TO FOXLOW JN | 8 |
| LN778- SEYMOUR JN TO BOLSOVER | 9 |
| LN804- CLAY CROSS NORTH JN TO GASCOIGNE WOOD (VIA SHEFFIELD) | 10 |
| LN806- TAPTON JN TO MASBOROUGH JN | 19 |
| LN807- DORE SOUTH JN TO DORE WEST JN | 21 |
| LN808- DORE STATION JN TO TOTLEY TUNNEL EAST | 22 |
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| LN812- SHEPCOTE LANE EAST JN TO BROUGHTON LANE JN | 25 |
| LN816- BEIGHTON JN TO WOODHOUSE JN | 26 |
| LN818- HOLMES CURVE | 27 |
| LN822- FRICKLEY COLLIERY BRANCH | 28 |
| LN824- MOORTHORPE JN TO SOUTH KIRKBY JN | 29 |
| LN826- DONCASTER SOUTH YORKSHIRE JN TO SWINTON JN NORTH / | 30 |
| LN828- MEXBOROUGH JN TO ALDWARKE JN VIA KILNHURST | 33 |
| LN830- ALDWARKE JN TO WOODBURN JN | 34 |
| LN832- DONCASTER BRIDGE JN TO ST. JAMES JN | 35 |



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| LOR Seq. Line of Route I | Description | | ELR | Route | Last Updated |
|---|--------------------------------------|--------------------------------------|------------------|---|------------------|
| LN774 001 Barrow Hill No | rth Jn to Oxcroft Dis | sposal Point | BAC2 BAC3 OXO | London North Eastern | 02/12/06 |
| Location | Mileage M Ch | Running lines & speed restriction | ns | Signalling & Re | |
| | | To/From Tapton Jn see LN806 seq 1 | | TCB Sheffield S RA7 AWS not provided TPWS not provided | SB (S) |
| Barrow Hill North Jn | 149 53 150 24 | To/From Fo LN776 seq | xlow Jn see 1 | Controlled by Sheffield (S) signs DSG = Down Seymour Goods | al box to 151 33 |
| Hali Lane Jn | 150 56 150 62 | usg 1 Dsg | | USG = Up Seymour Goods OTS Seymour . | Jn SB |
| Seymour Jn SB (SE) | 152 14 152 21 166 06 155 00 | 225 | | | |
| Seymour Jn | 154 77 154 15 0 00 * | To/From Bolsover see LN778 seq 1 | | | |
| End/Commencement of Staff Section boards | 0 49 | | | Sidings area from 0m 49ch | |
| Oxeroft D P | 0 56 | | | | |
| CAGOR D P | | | | | |
| End of Line | | 1 1 _ | | | |

| LOR Seq. Line of Rou | te Description | | ELR | | Route | Last Updated |
|------------------------|-----------------|--|-----|--------------------------------------|---------------------------------------|--------------|
| LN776 001 Hall Lane Ji | | | | HLF1 HLF2 London North Eastern 02/13 | | |
| Location | Mileage M Ch | Running lines & speed restrictions | | | Signalling & Re | |
| | | To/From Seymour Jn see LN774 seq 1 | | | TCB Sheffleld S | B (S) 031 |
| Hall Lane Jn | 0 44 | † | | | AWS not provided TPWS not provided | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | 0 00 150 47 | 25 | | | | |
| | | | | | | |
| | | | | | | |
| | | į | | | | |
| Foxlow Jn | 150 64 | To/From Masborough Jn see LN806 seq 1 | | | | |
| | 1 | | | | | |

| LOR Seq. Line of Rout | | | ELR | Route | Last Updated |
|------------------------------|-----------------|---|------|---------------------------------------|--------------|
| LN778 001 Seymour Jn | | | BOC1 | London North Eastern | 02/12/06 |
| Location | Mileage M Ch | Running lines & speed restrictions | | Signalling & Remarks | |
| | | To/From Berrow Hill North Jn see LN774 seq 1 | | TCB Seymour Jn SB RA7 | (SE) 031 |
| Seymour Jn | 7 51 | A | | AWS not provided TPWS not provided | |
| Markham Colliery Jn (Former) | 7 05 | 25 | | OTNS | |
| | 6 00 * | 5 5 | | ①To/From Bolsover Coalite | |
| Bolsover Colliery GF | 5 46 | | | RR ≃ Run Round Loop | |
| Bolsover | 5 24 5 21 | | | | |

| LOR Seq. Line of Ro | ute Description | | ELR | Route | Last Update |
|----------------------------------|------------------------------------|---|--------------|--|--------------|
| LN804 001 Clay Cross | s North Jn to Gascoigne Wo | ood (via Sheffield) | SPC9 TJC1 | London North Eastern | 02/12/06 |
| Location | Mileage M Ch | Running lines & speed restrictions | | Signalling & Re | |
| | | To/From Derby/No LN3201 seq 43 UG DG UM DM | ttingham see | TCB Trent SE RA8 | 061 NRN |
| Clay Cross North Jn | 142 31 | 45 45 <u>A</u> 85 45 T 80 85 85 S | | | |
| | 143 10 * 143 23 * | * 1 95 | | | |
| Avenue Sidings GF | 143 25 * 143 30 | | | | |
| | 143 35 * 144 20 * | # 1 90 45 15 15 15 15 15 15 15 | | NRN Channel Change at 144 68 Up/144 70 Down | 031 |
| | 146 12 * 146 13 * | I I 80 | | at 144 66 Op/144 70 Down | |
| CHESTERFIELD | 146 20 | | | From 145 43 Down (S1/S3 sign: 145 65 Up (S2/S4 signals) contr by Sheffield (S) Signal box | |
| | 146 28 146 34 * | 15 1,201 15 1,201 | | | |
| | 146 43 | 7,20,1 1 | | DBH = Down Barrow Hill | |
| Tapton Jn | 146 58 * | *_20,\\\ 80 | | UBH = Up Barrow Hill | |
| | 146 59 * | 120 1 | | Hot Axle Box Detector on the Down Barrow Hill line at 146 69 | |
| | 146 60 | 80 20 | | Down Berrow Hill line at 140 69 | |
| | 146 70 | 60 🕴 🔼 | | | |
| DRONFIELD | 151 44 | To/From Barrow Hill see LN806 seq 1 | | T in Bradway Tunnel refuges at (immediately in advance of sign: Up 153 25 (immediately in adva | al S49R) and |
| Bradway Tunnel (1m 267 yards) | 152 49 T | 80 #87 90 | | signal S46R) | D 100 01 |
| | 153 61 * 153 62 * | † | | | |
| | 100 02 * | 60 HST 70 | | | |

| LOR Seq. Line of Rou | ite Description | | ELR | Route | Last Updated |
|--------------------------------|---|---|----------------------------------|--|--------------|
| LN804 002 Clay Cross | North Jn to Gascoigne Wo | od (via Sheffield) | TJC1 | London North Eastern | 02/12/06 |
| Location | Mileage M Ch | Running lines & speed restrictions | | Signalling & Re | emarks |
| Dore South Jn Dore Station Jn | Mileage M Ch 153 65 153 71 154 52 * 154 54 * 154 62 154 72 155 07 * 156 16 156 62 157 44 157 55 * 157 58 * | UM DM 60 70 15 To/From Dore V LN807 seq 1 | Vest Jn see 7 Tunnel East see | | NRN 031 |
| East Bank Tunnel (80 Yards) | 157 74 * 158 01 158 05 158 14 * | 65 50 DPL 1 1 1 1 1 1 1 1 1 1 | | CW Up at 158 14 (533 yards before reaching sign | nai S80). |

| LOR Seq. Line of Ro | ute Description | | ELR | Route | Last Updated |
|--|--|--|---|--|-------------------------|
| LN804 003 Clay Cross | North Jn to Gascoigne Wo | od (via Sheffield) | TJC1 | London North Eastern 02/12 | |
| Location Mileage M Ch Running lines & spec | | Running lines & speed restri | ctions | Signalling & Re | _ |
| | 158 18 🖈 | UM DPL DM 15 50 55,15 1 | ₁ ① | TCB Sheffield S RAB BETWEEN 158 18 AND 158 60 UP ALL LINES AND CONNECT EXCEPT AS OTHERWISE SHO | TONS 15MPH |
| Sheffield South Jr. Sheffield SB (S) | 158 27 158 29 | | | To/From Carriage Sidings (AWS Gap in Station area betwee Down / 157 79 Up and 159 08 | Fish Dock) en 158 07 |
| SHEFFIELD | 158 32 * | 25 * (25) (| | ② = Up Station Siding No1 ③ = Up Station Siding No2 ④ = Down Station Siding TL = Through line | |
| SHEFFIELD | 100 40 | mannananan 63 | Zammannaman Zammannaman Zammannaman | PP is authorised on Platforms 1 for trains booked to call at Sheff | |
| Sheffield North Jn | 158 52 | | | | |
| | 158 60 * | 15 * | | CW Up at 158 63 (80 yards after passing signal S150) | r |
| Nunnery Main Line Jn Broad Street Tunnel (109 yards) | 158 67 * 158 77 158 77 158 77 159 02 To/From R | # 70 25 125 136 seq 11 | | | |

| LOR Seq. Line of Route D | Description | | ELR | | Route | Last Updated |
|--|------------------------------|---|--------------|-----|--|--------------|
| | | | TJC1 T | JC2 | London North Eastern | 02/12/06 |
| Location Mileage M Ch Running lines & speed restrictions | | | | | Signalling & Remarks | |
| | 159 37 * | UM DM 70 70 * * | | | TCB Sheffield S | B (S) 031 |
| Mili Race Jn | 160 18 160 47 * | No. 1R 15 15 15 15 15 15 15 15 15 15 15 15 15 | | | UESD = Up East Slow Down No.1R = Number 1 Reception | |
| Brightside Jn | 161 12 161 19 * | 15 15 40 UWSD | | | UWSD = Up West Slow Down | |
| Wincobank Jn | 161 52 161 65 * | 30, 40 30, 40 30, 40 | | | | |
| MEADOWHALL | 161 70 163 34 * | 90 UB DB 40 25 To/From Barnsley | 5 9 0 | | DB = Down Barnsley UB = Up Barnsley | |
| Holmes Jn LC (CCTV) Holmes Jn | 163 43 163 43 163 52 * | To/From Rotherham Central Jn see 1 50 RDG | | | 'RDG = Rotherham Down Goods (Secured out of use) | 3 |

| LOR Seq. Line of Rot | te Description | | EL | R | Route | Last Updated |
|---|--|---|------------------|-----------|---|---------------------------------|
| LN804 005 Clay Cross | | igne Wood (via Sheffield) | TJC2 TJC | 3 SMJ1 | London North Eastern | 02/12/06 |
| Location | Mileage M Ch | Running lines & speed restriction | ns | | Signalling & Re | marks |
| Masborough Jn Aldwarke Jn | 163 74 161 77 * 162 10 162 24 162 60 * 164 64 164 70 164 73 | To/From Barrow Hill see LN806 seq 2 To/From Rotherham Central see LN830 seq 1 25 To/from Thrybergh Jn (Down and Up Mexborough Single Line) see LN828 seq 1 20 90 F85 F85 100 100 100 1100 1100 1100 1100 1100 | toundwood - Coru | s Sidings | TCB Sheffield S RA8 RDG = Rotherham Down Good (Secured out of use) | NRN 031 |
| Swinton Jn South SWINTON Swinton Jn North Dearne Jn | 166 56 166 74 168 76 167 03 167 68 * 168 25 * 168 53 | 90 H8T 100 90 UM H8T 100 90 90 UM H8T 100 90 90 90 90 90 90 90 90 90 90 90 90 9 | | | TOWS "Swinton No.3 Section" yards on the Main lines and 167 on the Pontefract lines. DPT = Down Pontefract UPT = Up Pontefract | oetween 188m 151 m 420 yards |

| LOR Seq. Line of Route D | | | ELR | Route London North Eastern | Last Updated |
|--|-----------------|---|-----------|--|--------------|
| LN804 006 Clay Cross Nor | | ne Wood (via Sheffield) | SMJ1 SMJ2 | 02/12/06 | |
| Location | Mileage M Ch | Running lines & speed restrictions | | Signalling & Re | marks |
| | 168 64 17 15 | UPT DPT SO SO HST 100 | ! | TCB Sheffield S RAB DPT = Down Pontefract UPT = Up Pontefract | B (S) 031 |
| BOLTON-ON-DEARNE Bolton-on-Dearne Footpath LC (R/G) | 16 56 16 56 | _==_ | | Hickleton S | B (H) |
| GOLDTHORPE | 15 50 | | | | |
| Hickleton (HABD) | 15 12 15 08 | \ | | | |
| Hickleton SB (H) | 15 04 | | | | |
| THURNSCOE | 14 64 | 60 | | | |
| | 12 08 * | 60 80 100 100 * * 60 | | | |
| Frickley Colliery Branch Jn | 11 64 | To/From Frickley Colliery see (out of use) LN822 seq 1 | | Moorthorpe S | B (M) |

| LOR Seq. Line of Route | e Description | | ELR | Route | Last Updated |
|------------------------------|--------------------------|------------------------------------|------------------------|---|------------------------------|
| LN804 007 Clay Cross N | North Jn to Gascoigne Wo | ood (via Sheffield) | SMJ2 | London North Eastern | 02/12/06 |
| Location | Mileage M Ch | Running lines & speed restrictions | | Signalling & Re | marks |
| Moorthorpe SB (M) | 11 63 | UPT DET | | TCB Moorthorpe S RA8 DPT = Down Pontefract UPT = Up Pontefract | 031 NRN |
| MOORTHORPE | 11 29 | | | DGL 443 metres / 485 yards UGL 393 metres / 430 yards | |
| Moorthorpe Footpath LC (R/G) | 11 25 | 50 50 To/From Soi | | 00200011020071307430 | |
| Moorthorpe Jn | 11 24 11 20 * | 60 To/From So. * * 50 LN824 seq | ıth Kirkby Jn see 1 | | |
| Baghill (HABD) | 8 60 * 8 00 * 6 70 | 80 80 80 75 60 75 | | Moorthorpe signal box (M) cont to Moorthorpe Jn and the Up Li Pontefract Beghill. Fernybridge signal box (FE) con the Up and Down Lines on this | ne from trois the rest of |
| | 4 66 * | * * 60 | | | |
| PONTEFRACT BAGHILL | 4 31 | | | Ferrybridge SE | (FE) |
| | 4 20 * | 1 60 75 | | 1 | |
| | 3 65 * | ! * 60 | | | |
| | 3 00 * | | | | |
| | İ | 60 ** 60 75 ₹ | | | |

| LOR Seq. Line of Route D | Description | | ELR | Route | Last Updated |
|--|---------------------------|--|---------------------|---|-------------------|
| LN804 008 Clay Cross Nor | | gne Wood (via Sheffield) | SMJ2 | London North Eastern | 02/12/06 |
| Location | Mileage M Ch | Running lines & speed restrictions | Signalling & Remark | | emarks |
| Ferrybridge South Jn Ferrybridge SB (FE) Ferrybridge North Jn Ferrybridge Power Station Jn Ferrybridge Power Station | 2 38 2 33 2 27 | To/From Knottingley see LN888 seq 2 40 40 40 50 40 From Ferrybridge Holding Sidings 15 60 75 75 75 75 75 75 75 75 75 75 75 75 75 | t East Jn. see | TCB RA9 DPT = Down Pontefract UPT = Up Pontefract - Lackout protection prov See Local Instructions | B (FE) O31 |
| Brotherton Tunnel (104 yards) | 1 25 * 1 24 1 19 to | 45 45 30 × | | - Separate Down and Up Brotherton Tunnel. See I | Local Instruction |
| Burton Lane (Mastermans) LC (UWC) | 0 37 T | <u>60</u> | | | |
| | 0 19 * | 50 * 60 75 75 | | ① = MGR loaded and empty consisting of HAA type wagons restricted to a 30 mph maximus on both the Down and Up Pont lines between 0 19 and 18 68 | sare m speed |

| LOR Seq. Line of Rou | ite Description | | ELR | | Route | Last Updated |
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| LN804 009 Clay Cross | North Jn to Gascoigne W | ood (via Sheffield) | SMJ2 SMJ3 N | /IGW | London North Eastern | 02/12/06 |
| Location | Mileage M Ch | Running lines & speed restriction | ns | | Signalling & Re | |
| | | UPT DPT (1) (60) (75) | | | TCB Milford S RA9 ①= MGR loaded and empty or of HAA type wagons are restric | |
| | 0 15 * | **① | | } | maximum speed on both the Do Pontefract lines between 0 19 a DPT = Down Pontefract | own and Up |
| | 0 01 * | 50 ¹ | | | UPT = Up Pontafract | |
| | 0 00 ± 18 69 16 68 ± | *(1) 8(1) 80 70 70 70 70 To * * * UN LN | /From Castleford see 854 seq 8 | | | |
| Hillam Gates LC (CCTV) | 15 57 | 70 70 A DN | | | DN = Down Normanton UN = Up Normanton | |
| Milford Jn | 15 07 * 7 65 | 25 20 25 20 30 20 | | İ | | |
| Milford SB (M) | 7 49 | J DMD J | | | DMD = Down Milford UMD = Up Milford | |
| | 7 10 * | * To/Froi 20 LN854 | m Church Fenton see | | | |
| | 6 45 * | * * UMD 25 | | | | |
| | 6 42 6 39 | 25 VD WA DUMD | | | DUMD = Down/Up Milford WA = West Arrival | |
| Gascoigne Wood SB (GW) | 6 27 | To/From Se | | | WD ≈ West Departure Gascolgne Wood SB | (GW) |
| 2 | | 25 (2) | | | ②To/From Gascoine Wood Si | dings |

| LOR Seq. Line of Route i | Description | | ELR | Route | Last Updated |
|---------------------------------|-----------------|--|-------------------|--------------------------------|--------------|
| LN806 001 Tapton Jn to M | | | CHR | London North Eastern | 02/12/06 |
| Location | Mileage M Ch | Running lines & speed restrictions | | Signalling & Re | |
| | | To/From Clay C LN804 seq 1 UBH DBH | ross North Jn see | TCB Sheffield S | NRN 031 |
| Tapton Jn | 146 58 | ▲ 60 | | DBH = Down Barrow Hill | |
| | 146 60 | I T | | UBH = Up Barrow Hill | |
| | 146 69 | 1 | | Hot Axie Box Detector on the D | own Barrow |
| | 148 72 | a15 d | | Hill line at 146 69 | |
| Barrow Hill South Jn | 148 76 | 25 | | | |
| | | Γ | | | |
| B | | I BHG | | BHG = Barrow Hill Goods | |
| Barrow Hill | | SGL | | SGL = Staveley Goods Line | |
| | | Ý J | | | |
| Barrow Hill North Jn | 149 46 | . 25 25 | | | |
| | To/ | From Seymour Jn see | | | |
| | | ĹN774 seq 1 | | | |
| | | | | | |
| | | | | | |
| | | ! | | | |
| | ! | ! | | | |
| | : | | | | |
| | | | | | |
| | | | | | |
| | | To/From Hall Lane Jn see | | | |
| Foxlow Jn | 150 64 | LN776 seq 1 25 | | | |
| COMOM 31) | 130 04 | 7 _{25.} | | | |
| | 150 68 * | 60 - Y | | | |
| Renishaw Slitting Mili LC (UWC) | 151 07 T | | | | |
| Renishaw Park | 151 55 | 15 | | | |
| | 151 61 | 150 | | | |
| | 152 47 | ↓ ** | | Hot Axle Box Detector on the U | p Barrow |
| | 132 41 | 75 | | Hill line at 152 47 | r |
| | | , | | 1 | |

| LOR Seq. Line of Route D | escription | | ELR | Route | Last Updated |
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| LN806 002 Tapton Jn to Ma | | | CHR | London North Eastern | 02/12/06 |
| Location | Mileage M Ch | Running lines & speed restrictions | | Signalling & Re | marks |
| | | om former Westthorpe inch Run Round Loop | | TCB Sheffield S | B (S) |
| Beighton Jn | 155 43 155 48 | 15 15 To/From Woodho 25 To/From Woodho 25 25 To/From Woodho 25 25 To/From Woodho 25 25 To/From Woodho 25 25 To/From Woodho 25 25 To/From Woodho 25 25 To/From Woodho 25 25 To/From Woodho 25 25 To/From Woodho 25 25 To/From Woodho 25 25 To/From Woodho 25 25 To/From Woodho 25 25 25 25 25 25 25 25 25 25 25 25 25 | use Jn see | DBH = Down Barrow Hill UBH = Up Ваггоw Hill | |
| Treaton South | 157 37 158 29 * | 15 15 DTG | | DTG = Down Treaton Goods | |
| Treeton Jn | 158 58 * 158 65 | ,15° | | | |
| Canklow | 160 11 | UGL. | | UGL = 807 metres / 884 yards | |
| Masborough Sorting Sidings South Jn | 160 57 160 61 | 15 To/From Rotherha | m Steel Terminal | | |
| Masborough Jn | 162 13 * 162 18 182 24 | 75 * * 40 40 To/From Aldwarke Jn LN804 seq 5 | 8 00 | | |

| LOR Seq. Line of Ro | ute Description | | ELR | Route | Last Updated |
|---------------------------|----------------------|--|-----|----------------------|--------------|
| LN807 001 Dore Sout | h Jn to Dore West Jn | | MAS | London North Eastern | 02/12/06 |
| Location | Mileage M Ch | Running lines & speed restrictions | | Signalling & Re | |
| Dore South Jn | 153 73 | To/From Clay Cross North Jn see LN804 seq 2 | | TCB Sheffleld S | SB (S) 031 |
| Dore Tunner (88 yards) | 154 00 to 154 04 | 15 | | | |
| Dore West Jn | 154 16 | Tc/From Totley Tunnel East see LN808 seq 1 | | | |

| LOR Seq. Line of Route | Description | | ELR | Route | Last Updated |
|----------------------------|----------------------------------|---|----------------------|---|--------------|
| LN808 001 Dore Station | Jn to Totley Tunnel | East | DWS | London North Eastern | 02/12/06 |
| Location | Mileage M Ch | Running lines & speed restrictions | | Signalling & Re | |
| Dore Station Jn | 0 60 | To/From Sheffleld see LNB04 seq 2 | | TCB Sheffleld S RAB | SB (S) |
| DORE | 0 27 | To / From Dore South J | n s oc | | |
| Dore West Jn | 0 02 * 0 00 154 16 154 20 | TERRITORY BOUNDARY 15 LONDON NORTH E | | | |
| Territory Boundary | 154 41 * | 55 * 65 70 15 | 1 (11) 1111 3501 360 | C Down at 154 21 (483 yards be reaching signal TE11) | efore |
| Totley Tunnel East SB (TE) | 154 62 | 70 | | | |
| | | To/From Grindleford see Network Rail North West Territory Sectional Appendix NW9001 seq 1 | | | |

| LOR Seq. Line of Route D | Description | | ELR | Route Last Updated |
|-----------------------------------|------------------|--|-----------------|--|
| LN809 001 Shepcote Lane | | ley Yard East End | BTJ | London North Eastern 02/12/06 |
| Location | Mileage M Ch | Running lines & speed restrictions | | Signalling & Remarks |
| Shepcote Lane West Jn | 161 24 | To/from Broughton Lane Jn see LN812 seq 1 To/from Broughton Lane Jn see LN812 seq 1 | outh Jn see | TCB Woodburn Jn SB (W) 031 |
| | | | | AWS not provided TPWS not provided |
| Shepcote Lane East Jn | 161 20 * | * WDA | | WDA = West Departure/Arrival Line. |
| Tinsley Avesta LC (TMO) (B) | 161 04 | - | | |
| Tinsley Park Jn | 160 68 160 52 | 25 To/From Tinsley Yard 15 To/From Aves | ata Polarit CBU | Tinsley Yard SB (TY) |
| Tinsley Yard | | 1 25 25 | | |
| Tinsley Yard SB (TY) | 160 02 159 76 | To/From Tinsley Yard EAL EDL To/From Avesta Polarit S.M.A.C.C | | EAL = East Arrival line EDL = East Departure line |
| Tinsley Yard East End Stop Boards | 159 58 | Ιİ | | |

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| LOR Seq. Line of Rou | te Description | | ELR | Route | Last Updated |
|-----------------------|---|--|-----|--|--------------|
| LN810 001 Shepcote L | ane West Jn to Tinsley So | uth Jn | SEL | London North Eastern | 02/12/06 |
| Location | Location Mileage M Ch Running lines & speed restriction | | | Signalling & Re | |
| Shepcote Lane West Jn | 161 24 | To/From Tinsley Yard see LN809 seq 1 15 15 15 1 | | TCB Woodburn Jn Si RA10 AWS not provided in Up direction TPWS not provided. | 031 |
| e, | 181 26 * | | | CW Up/Down North West Curve (561 yards before reaching sign In Up direction) | |
| Tinsley South Jn | 161 63 | To/From Aldwarke Jn see LN830 seq 1 | | | |

| LOR Seq. Line of Ro | ute Description | | ELR | Route | Last Updated |
|-----------------------|--|---|------|---|--------------|
| LN812 001 Shepcote I | Lane East Jn to Broughton | Lane Jn | BLJ1 | London North Eastern | 02/12/06 |
| Location | Location Mileage M Ch Running lines & speed restrictions | | | Signalling & Re | |
| Shepcote Lane East Jn | 161 20 | To/From Tinsley Yard see LN809 seq 1 15 | | TCB Woodburn Jn Si RA10 | NRN 031 |
| | | A | | AWS not provided in Up direction | en. |
| | | | | Ti Wo not provide | |
| | 161 26 * | 15 * 30 | | | |
| | | | | CW Up/Down South West Curvi 161 63 (924 yards before reach signal W228 in Up direction) | |
| | | j 1 | | | |
| | | | | | |
| | | <u> </u> | | | |
| Broughton Lane Jn | 161 67 | 30 To/From Woodburn Jn see LN830 seg 1 | | | |

| LOR Seq. Line of Route | e Description | | ELR | Route | Last Updated |
|---|-----------------------------|--|-----|------------------------------------|--------------|
| LN816 001 Beighton Jn | to Woodhouse Jn | | BEW | London North Eastern | 02/12/06 |
| Location | Mileage M Ch | Running lines & speed restrictions | | Signalling & Re | |
| Belghton Jn | 48 06 | To/From Tapton Jn see LN806 seq 2 UP DN 25 | | TCB Sheffield S | SB (S) 031 |
| Beighton Station Jn LC (MCB) Beighton Station Jn SB (BX) | 48 00 * 47 42 47 42 | 25 | | ① To/From Siding | |
| Woodhause Jn | 46 65 * 46 61 * 46 56 | To/From Sheffield see | | ② To/From Sidings Woodhouse Jn SB | (WH) |

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| LOR Seq. Line of Rou | ute Description | | ELR | Route | Last Updated |
|-----------------------------|-----------------|--|-----|---------------------------|--------------|
| LN818 001 Holmes Cu | irve | | HCD | London North Eastern | 02/12/06 |
| Location | Mileage M Ch | Running lines & speed restrictions | S | Signalling & Re | |
| | | To/From Sheffield see LN804 seq 4 | | TCB Sheffield S RA10 | B (S) 031 |
| Holmes Jn | 0 00 | 45 | | O Tables Western Sife | |
| Brinsworth Street LC (CCTV) | 0 36 | 30 | | ① To/From Westgate Siding | |
| Rotherham Central Jn | 0 62 | To/From Aldwarke Jn see LN830 seq 1 | | | |

| LOR | Seq. | Line of F | Route Description | | ELR | Route | Last Updated |
|------------|----------|-----------|-------------------|--|-----|---|--------------|
| LN822 | | | Colliery Branch | | FRC | London North Eastern | 02/12/06 |
| | Loc | ation | Mileage M Ch | Running lines & speed restrictions | | Signalling & Remarks | |
| Frickley C | | | 0 00 * | To/From Moorthorpe see LN804 seq 6 10 * 15 | | OTNS Moorthorpe S RAB AWS not provided TPWS not provided Line out of use | B (M) 031 |
| Frickley C | colliery | | 0 58 | ļ | | | |

| LOR Seq. Line of Rou | ite Description | | ELR | Route | Last Updated |
|----------------------|-----------------------|---|-----|--------------------------|--------------|
| LN824 001 Moorthorpe | Jn to South Kirkby Jn | Jn to South Kirkby Jn SKM | | London North Eastern | 02/12/06 |
| Location | Mileage M Ch | Running lines & speed restrictions | | Signalling & Re | marks |
| Moarthorpe Jn | 0 57 | To/From Sheffleid see LN804 seq 7 UP DN | | TCB Moorthorpe S | |
| South Kirkby Jn | 0 05 | To/From Wakefield Westgate see LN836 seq 3 | | You (signals prefixed L) | rk 9B |

| ute Description | | ELR | Route | Last Updated | |
|---|---|--|---|--|--|
| South Yorkshire Jn to Swi | nton Jn North / South | PED5 | London North Eastern | 02/12/06 | |
| Location Mileage Running lines & speed restrictions | | | Signalling & Remarks | | |
| | To/From Doncaster St | tation see | TCB Doncaster S RA8 | NRN B (D) | |
| 22 57 | us . | .N836 seq 1 | | | |
| 22 55 | 25 | | | | |
| 22 42 | | To/From Bridge Jn see LN832 seq 1 | DS = Down Sheffield US = Up Sheffield | | |
| 22 39 * 22 38 | 40 | | | | |
| 22 35 * 22 34 | ï / | | | | |
| 22 27 * 22 25 * | 70 25 / | | USG = Up Sheffield Goods AWS not provided on Goods lin | es between St cl) | |
| | 15, | | C Down Sheffield at 22 00 (571 reaching signal D703). | yards before | |
| To/From I | LN766 seq 1 50 | | | | |
| 20 72 * | *50, 50, *15,* 75: 75 | | C Up at 20 22 (833 yards before D 710) | e reaching signal | |
| | South Yorkshire Jn to Swi Mileage M Ch 22 57 22 55 22 42 22 39 * 22 38 22 35 * 22 34 22 27 * 22 25 * | South Yorkshire Jn to Swinton Jn North / South Mileage M Ch Running lines & speed restrictions | South Yorkshire Jn to Swinton Jn North / South Mileage M Ch Running lines & speed restrictions To/From Donoaster Station see LN101 seq 29 and LN836 seq 1 DS 22 57 22 55 22 42 23 9 * 22 38 22 35 * 22 34 22 27 * 22 25 * To/From Donoaster Avoiding Line LN766 seq 1 To/From Donoaster Avoiding Line LN766 seq 1 To/From Donoaster Avoiding Line LN766 seq 1 To/From Donoaster Avoiding Line LN766 seq 1 | South Yorkshire Jn to Swinton Jn North / South Mileage M Ch Running lines & speed restrictions Signalling & Re Running lines & speed restrictions TolFrom Donoaster Station see LN101 seq 29 and LN836 seq 1 22 65 22 42 23 98 * 22 38 * 22 38 * 22 37 * 22 34 22 27 * 22 55 DSG = Down Sheffield US = Up Sheffield Goods USG = Up Sheffield Sheffield USG = Up Sheffield Sheffield USG = Up Sheffield Sheffield USG = Up Sheffield Sheffield USG = Up Sheffield Sheffield USG = Up Sheffield Sheffield USG = Up Sheffield Sheffield USG = Up Sheffield Sheffield USG = Up Sheffield Sheffield USG = Up Sheffield Sheffield USG = Up Sheffield Sheffield USG = Up Sheffield USG = Up Sheffield Sheffield USG = Up Sheffield USG = Up Sheffield USG = Up Sheffield USG = Up Sheffield USG = Up Sheffield USG = Up Sheffield USG = Up Sheffield USG = Up Sheffield USG = Up Sheffield USG = Up Sheffield USG = Up Sheffield USG = Up Sheffield USG = Up Sheffield USG = Up Sheffield USG = Up Sheffield USG = Up Sheffield USG = Up Sheffield USG = Up Sheffield USG = Up Shef | |

| LOR Seq. Lin | e of Route Description | | ELR | Route | Last Updated | | | | |
|----------------------------------|---|--|-----|--|--------------|--|--|---------------------------|--|
| LN826 002 Doi | | | | | | | | 5 London North Eastern 02 | |
| Location | Location Mileage M Ch Running lines & speed restriction | | าร | Signalling & Re | | | | | |
| Conlabrough Tunnel (236yards) | 19 28 19 00 * 18 69 * | US DS 75 75 75 75 75 75 75 75 75 75 75 75 75 | | TCB Doncaster S RAB C Up at 19 59 (720 yards before reaching signal D712). Hot Axie Box Detector on the U line at 19 28 DS = Down Sheffield | 031 | | | | |
| Codeby | 18 60 | UGL 15 ¹ 75 | | US = Up Sheffield DD = Down Doncaster UD = Up Doncaster | | | | | |
| | 18 37 * | * * 70 | | Sheffield S | SB (S) | | | | |
| CONISBROUGH | 18 29 * 18 20 18 13 | 15, 75 15, 75 | | UGL = 548 metres/600 yards | | | | | |
| Denaby LC (CCTV) | 17 12 | | | | | | | | |
| | 16 44 * | * 60 * 75 75 | | TOWS "Mexborough No.1 Sect 16m 653 yards and 15m 1331 y | | | | | |

| LOR Seq. Line of Ro | | | ELR | Route | Last Updated |
|---------------------|----------------------------|---|--------------|--|-------------------|
| LN826 003 Doncaster | South Yorkshire Jn to Swir | ton Jn North / South | PED5 SJM1 | London North Eastern | 02/12/06 |
| Location | Mileage M Ch | Running lines & speed restrictions | | Signalling & Re | |
| | 15 75 * | UD DD | | TCB Sheffield S | 031 |
| MEXBOROUGH | 15 71 | -40 J | | 15m 1331 yards and 15m 355 y TOWS "Swinton No.3 Section" 15m 355 yards and 166m 1516 | rards between |
| Mexborough Jn | 15 64 | 60 To/From Thryt | oergh Jn see | lines. | yards on the main |
| | 15 37 * | * * LN828 seq 1 | | DD = Down Doncaster UD = Up Doncaster | |
| | 14 78 * 167 15 | * 50 | | | |
| | | To/From Moorthorps LN804 seq 5 30 DPT UPT | | DPT = Down Pontefract UPT = Up Pontefract | |
| Swinton Jn North | 167 03 | 30/40 | | | |
| 8WINTON | 166 76 166 74 | 3 | | | |
| Swinton Jn South | 166 56 | ,50 | | | |
| | | | | | |
| | | DM UM Ta/From Sheffleld see LN804 seq 5 | | | |

| LOR Seq. Line of Route | Description | | ELR | Route | Last Updated |
|------------------------|----------------------------|---|-----|---|--------------|
| LN828 001 Mexborough J | n to Aldwarke Jn via Kil | nhurst | WME | London North Eastern | 02/12/06 |
| Location | Location Mileage M Ch Runr | | | Signalling & Re | |
| Mexborough Jn | 10 17 | To/From Doncaster South Yorkshire Jn see LN826 seq 3 | | TCB Sheffield S | NRN 031 |
| | 9 71 * | MS 40 40 40 40 50 50 50 | | MS = Mexborough Single line TOWS "Mexborough No.1 section Mexborough Junction and 10m." DMX = Down Mexborough | |
| Kilnhurst Thrybergh Jn | 8 50 | UGL 15 DMX | | UMX = Up Mexborough UGL = 637 metres / 687 yards CW Down at 8 48 (955 yards before reaching signal S719). | |
| | 7 42 * | MS 40 * | | | |
| Aldwarke Jn | 7 26 | To/From Sheffield see LN804 seq 5 | | | |

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| LOR Seq. Line of Rou | | | ELR | Route | Last Update |
|--------------------------|--------------------------|--|---------------|--------------------------------|-------------|
| LN830 001 Aldwarke J | n to Woodburn Jn | | WME | London North Eastern | 02/12/06 |
| Location Mileage M Ch | | Running lines & speed restrictions | | Signalling & Re | |
| | | Toffrom Swinton Jns see LN804 seq 5 | | TCB Sheffield S RAB | B (S) |
| Aldwarke Jn (Down) | 7 25 | 50 | | | |
| Aldwarke Jn (Up) | 7 14 7 12 * 6 69 * | UT * * DT ① | | 1) To/From Aldwarke - Corus Si | dings |
| Aldwarke New Site | 6 39 | 55,15,15 T | | UT = Up Tinsley | |
| | 5 53 * | ** 55 35 35 35 ** 55 55 ** | | | |
| | 5 46 * | * * 55 5 <u>5</u> | | | |
| | 4 65 * 4 64 * | * 40 | | | |
| ROTHERHAM CENTRAL | 4 60 | | | Woodburn Jn SE | 3 (W) |
| Rotherham Central Jn | 4 45 4 40 | 300 | | | |
| Rotherham Main LC (UWC) | 4 10 * | 70 | | | |
| Tinsley East Jn | 2 79 | `40, | | | |
| Tinsley South Jn | 2 22 | 30 To/From Shepcote Lan | e West Jn see | | |
| Broughton Lane Jn | 1 36 | D/UT LN810 seq 1 To/From Shepcote Lane LN812 seq 1 | | D/UT - Down/Up Tinsley | |
| | 0 28 * | * 20 | | | |
| | 0 07 * | * 15 | | | |
| Woodburn Jn SB (W) | 0 00 | | | | |
| | | To/From Sheffield see LN736 seg 11 | | | |

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| LOR Seq. Line of Ro | oute Description | | ELR | Route | Last Updated | | |
|---------------------|---------------------------|--|-----|-----------------------------|--------------|--|--|
| LN832 001 Doncaster | Bridge Jn to St. James Jn | | SJB | London North Eastern | 02/12/06 | | |
| Location | Mileage M Ch | Running lines & speed restriction | s | Signalling & Remarks | | | |
| Bridge Jn | 22 54 | To/From Decoy North Jn see LN101 seq 28 | | TCB Doncaster S | NRN 031 | | |
| | | | | | | | |
| | | | | | | | |
| | | 20 D/UHG - | | D/UHG = Down/Up Hexthorpe G | ioods | | |
| | 22 42 * | * 25 | | | | | |
| | | 1 ! ! | | | | | |
| | | | | | | | |
| St. James Jn | ; 22 38 | To/From Hexthorpe Jn see LN826 seq 1 | | | | | |

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SPECIAL WORKING ARRANGEMENT Table of Contents

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| LN804- CLAY CROSS NORTH JN TO GASCOIGNE WOOD (VIA SHEFFIELD) | 38 |
| LN809- SHEPCOTE LANE WEST JN TO TINSLEY YARD EAST END | 38 |

LN804 (CLAY CROSS NORTH JN TO GASCOIGNE WOOD (VIA SHEFFIELD))

| From | То | Type of Train | Line(s) | Remarks |
|--------------------------------------|--|---|------------------------------------|--|
| Holmes Jn – Down Main Signal S213 | Rotherham Down Goods line (rear of position light Signal | Freight train of a maximum length of 13 SLU | Down Main/ Down Rotherham Goods | Trains or vehicles may be propelled in accordance with the |
| | 1068) | | | Rule Book. |

Dated: 02/12/06

LN809 (SHEPCOTE LANE WEST JN TO TINSLEY YARD EAST END)

| From | То | Type of Train | Line(s) | Remarks |
|--|--|---|-----------------------------|---|
| Tinsley Yard Sidings West End, Signal TY.283 | Tinsley Park Jn (rear of Signal TY.284) | Freight train of a maximum length of 27 SLU. for Asvesta Stainless Plate And Coil Expansion Plant (S.P.A.C.E). | West Departure / Arrival | Trains or vehicles may be propelled in accordance with the Rule Book. |
| Tinsley Park Jn (rear of Signal TY.284) | Tinsley Yard Sidings West End, Signal TY.283 | Freight train of a maximum length of 27 SLU. for Asvesta Stainless Plate And Coil Expansion Plant (S.P.A.C.E). | West Departure / Arrival | Trains or vehicles may be propelled in accordance with the Rule Book. |

ROUTE CLEARANCE Table of Contents

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LONDON NORTH EASTERN

GENERAL NOTES

Route clearance listed in these tables are a compendium of authorities for different classes of traction and rolling stock to operate over Network Rail London North Eastern Territory. Lines which are shown as running lines in the Sectional Appendix are included, but Sidings are excluded. Reference to the controller of the sidings MUST take place before planning to operate any class of vehicle not previously cleared.

The clearances take account of gauging restrictions and compatibility with signalling systems.

RA = Route Availability, the maximum axleweight which may operate over the named route without restriction. Locomotives and vehicles with a heavier rating MAY be permitted subject to restrictions and prior authority MUST be obtained from the Train Planning Manager, York in the form of an Exceptional Load form, (RT3973HAW), issued for each movement.

Exceptionally certain classes of traffic will be authorised over specific routes by the appropriate Engineer. Authority will be held for this traffic and published specifically by the Track Access Manager for the service(s) concerned. [Working Manual for Rail Staff, Freight Train Operations, (GO/RT3056) Section C Clause 1.4 refers].

Electrical Multiple Unit Trains - All routes except LN3XXX series

It is not normal to consider the operation of electric units over non-electrical lines with incompatible systems. The exception to this is the 325 class units which may additionally operate as hauled stock over all routes which have been cleared for passenger stock provided the pantograph is locked down, and third rail shoes retracted. Only electrified lines are shown in these tables. Sectional Appendix Table 'A' line headings are retained in their entirety where only part of the route is electrified, so that consistency with Table 'A' can be maintained.

All routes are electrified on the 25kV A.C. overhead system, except between Drayton Park and Moorgate where the supply is 750V D.C. third rail. Only units of class 313 are permitted to operate between Drayton Park and Moorgate.

TRAIN TO SHORE RADIO

Trains fitted with DOO(P) Cab Secure Radio must not operate over routes where Cab Secure Radio coverage is not available unless a suitable NRN or BRUNEL radio is available and working in the driving cab of the train.

Diesel Locomotives - On LN3XXX series routes only

Where route clearances are published (indicated Y in the 'Route Availability Table' pages), these clearances apply to all running lines and loops on that line of route.

Where restrictions apply, these are indicated by 'R' in the 'Route Availability Table' followed by a number (e.g. R1) indicating the relevant restriction note.

Published clearances are shown for interim or full service operation.

Refer to the relevant NRAB certificate (or published special instructions in the Weekly Operating Notice, Special Traffic Notice or Special Notice for any additional routes cleared for test train operations or special movements).

All entries refer to both right and wrong line movements unless otherwise stated.

The Route Availability classification of a running line or loop also applies to a terminal or sidings connected thereto unless shown otherwise.

The attention of all concerned is drawn to the contents of Table 'A' drawings in this Appendix, where Permanent Speed Restrictions relating to the movement of locomotives, over particular sections of line are published.

Table D1A - Route clearance of diesel multiple unit trains - all routes except LN3XXX series

The notation used in the table is explained below:

- Y This class permitted to operate over the route without restriction
- R This class is permitted to operate over part or all of the route but restrictions apply. See notes column for details.
- N This class is PROHIBITED throughout this route.
- This class has not been considered for this route, and specific clearance must be obtained before operating.

Class 325 EMU's are authorised to operate on all routes authorised for Class 150 Units subject to all restrictions applied to Class 150 Units on these routes.

Note 1 – Class 325 EMU are restricted between Monkwearmouth and East Bolden. If it is necessary for a Class 325 unit to operate between these two locations the train will be signalled throughout the route as out of gauge with the special instructions issued to all Signal boxes concerned

| | | (VB) | | | | | (AB) | | | | | | | | |
|---------------|--|--------------|--------------|-----|-----|-----|------|-----|-----|--------------|-----|-----|--------------|-----|---|
| Line of route | Line of Route / Sector Description | 101 - 127 | 141 - 144 | 150 | 153 | 155 | 156 | 158 | 159 | 165 - 166 | 170 | 185 | 220 - 221 | 222 | Notes |
| LN774 | Barrow Hill North Jn. to Oxcroft Disposal Point | - | N | - | - | - | - | - | - | - | N | - | - | - | |
| LN776 | Hall Lane to Foxlow Jn. | - | N | - | i - | - | - | - | - | i - | N | - | - | - | |
| LN778 | Seymour Jn. to Bolsover | - | N | - | - | - | - | - | - | - | N | - | - | - | |
| LN804 | Clay Cross North Jn. to Gascoigne Wood (via Sheffield) | Y | Y | Y | Y | Y | Y | Y | Y | - | R1 | R2 | Y | Y | R1 Class 170 units only authorised to operate between Clay Cross North Jn and Moorthorpe Jn. Class 170 units with deflated suspension are prohibited from Sheffield platform 7. Rotherham Masborough: 50 mph Down line through platform. R2 Class 185 units authorised between Dore South Jn & Moorthorpe Jn, & between Milford Jn & Gascoigne Wood Jn only. |
| LN806 | Tapton Jn. to Masborough Jn. | Y | Υ | Y | Y | Υ | Υ | Y | Y | Υ | Υ | - | Y | Υ | |
| LN807 | Dore South Jn. to Dore West Jn | Υ | Y | Υ | Y | Υ | Υ | Υ | Y | Y | Υ | Y | Y | Y | |
| LN808 | Dore Station Jn to Totley Tunnel East | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Y | Υ | Υ | |

| | | | | | | | (AB) | THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED AND ADDRESS O | | | | | | | |
|---------------|---|--------------|--------------|-----|-----|-----|--|--|-----|--------------|-----|-----|--------------|-----|---|
| Line of route | Line of Route / Sector Description | 101 - 127 | 141 - 144 | 150 | 153 | 155 | 156 | 158 | 159 | 165 - 166 | 170 | 185 | 220 - 221 | 222 | Notes |
| LN809 | Shepcote Lane West Jn. to Tinsley Yard East End | Υ | - | Y | Y | Y | Y | Υ | Y | Y | N | - | - | - | |
| LN810 | Shepcote Lane West Jn. to Tinsley South Jn. | Y | - | Υ | Y | Y | Y | Y | Υ | Y | N | - | - | - | |
| LN812 | Shepcote Lane East Jn. to Broughton Lane Jn. | Υ | - | Υ | Υ | Y | Y | Y | Y | Y | N | - | - | - | |
| LN816 | Beighton Jn. to Woodhouse Jn. | Υ | Υ | Υ | Υ | Y | Υ | Υ | Υ | Υ | Υ | - | Υ | Υ | |
| LN818 | Holmes Curve | Υ | Υ | Υ | Υ | Υ | Υ | Y | Υ | Υ | Υ | Y | Υ | - | |
| LN822 | Frickley Colliery Branch | - | N | - | - | - | - | - | - | - | N | - | - | - | |
| | | | | | | | MINING COLORS CONTROLL CONTROLL CONTROLL CONTROLL CONTROL CONT | | | | | | | | R2 Classes 159, 165/1 & 166 prohibited between Knottingley East Jn. and Goole Potters Grange Jn. R3 Class 220 units authorised between Calder Bridge Jn and Knottingley West Jn only. (Including into and out of Croftor Depot). |
| LN824 | Moorthorpe Jn. to South Kirkby Jn. | Υ | Y | Y | Y | Υ | Υ | Y | Y | Υ | Υ | Y | Υ | Υ | |
| LN826 | Doncaster, South Yorkshire Jn. to Swinton Jn North / South | Y | Υ | Y | Y | Y | Υ | Υ | Y | Y | Y | Y | Υ | Y | |
| LN828 | Mexborough Jn. to Aldwarke Jn. via Kilnhurst | Υ | Y | Υ | Y | Y | Y | Υ | Y | Y | N | Y | Υ | Y | |
| LN830 | Aldwarke Jn. to Woodburn Jn. | Υ | Υ | Y | Υ | Υ | Υ | Υ | Y | Υ | Υ | Υ | Υ | Υ | |
| LN832 | Doncaster, Bridge Jn. to St. James Jn. | Υ | - | Υ | Υ | Y | Y | Υ | Υ | Y | N | - | - | - | |

Decen 36 4:

Table D3A – Route clearance of coaching stock – all routes except LN3XXX series

The three types of coaching stock referred to in this table are:-

- C1 = The standard passenger coaching stock gauge for Mark 1 coaches with 9'0" wide bodywork and 64'6" or (57') long underframes. Mark 2 coaches also conform to this profile.
- C3 = The standard profile for Mark 3 coaching stock which is 23 metres (75') long overall. HST (class 253/254) stock conforms to this gauge.
- Mk 4 = Normally operates as part of the GNER, 1C225 fleet in fixed formation trains

References to AC in the comments column refer to the following classes of electric locomotives 86, 87, 90 and 91.

The notation used in the table is explained below:

- Y This class permitted to operate over the route without restriction
- R This class is permitted to operate over part or all of the route but restrictions apply. See notes column for details.
- N This class is PROHIBITED throughout this route.
- This class has not been considered for this route, and specific clearance must be obtained before operating. To be read in conjunction with the "General Notes"

| Line of route | Line of Route / Sector Description | C1 | C3 | MK4 | Notes |
|---------------|--|----|----|-----|---|
| LN774 | Barrow Hill North Jn to Oxcroft Disposal Point | - | - | - | |
| LN776 | Hall Lane Jn to Foxlow Jn | - | - | - | |
| LN778 | Seymour Jn to Bolsover | - | - | - | |
| LN804 | Clay Cross North Jn to Ferrybridge (via Sheffield) | Y | Y | - | |
| LN804 | Ferrybridge to Milford Jn | Υ | Υ | Υ | |
| LN804 | Milford Jn to Gascoigne Wood | Υ | Υ | - | |
| LN806 | Tapton Jn to Masborough Jn | Υ | Y | - | A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 |
| LN807 | Dore South Jn to Dore West Jn | Υ | Y | | |
| LN808 | Dore Station Jn to Totley Tunnel East | Υ | Υ | - | |
| LN809 | Shepcote Lane West Jn to Tinsley Yard East End | Y | Υ | - | |
| LN810 | Shepcote Lane West Jn to Tinsley South Jn | Υ | Y | - | |
| LN812 | Shepcote Lane East Jn to Broughton Lane Jn | Y | Y | - | |

| Line of route | Line of Route / Sector Description | C1 | C3 | MK4 | Notes |
|---------------|--|----|----|-----|-------------|
| LN816 | Beighton Jn to Woodhouse Jn | Υ | Υ | - | |
| LN818 | Holmes Curve | Υ | Y | - | |
| LN822 | Frickley Colliery Branch | - | - | - | Not in use. |
| LN824 | Moorthorpe Jn to South Kirkby Jn | Υ | Υ | - | |
| LN826 | Doncaster, South Yorkshire Jn to Swinton Jn North/South | Υ | Y | - | |
| LN828 | Mexborough Jn to Aldwarke Jn via Kilnhirst | Υ | Y | - | |
| LN830 | Aldwarke Jn to Woodburn Jn | Υ | Υ | - | |
| LN832 | Doncaster, Bridge Jn to St. James Jn | Υ | Y | - | |

Table D4A - Route clearance of diesel locomotives - all routes except LN3XXX series

The notation used in the table is explained below:

- Y This class permitted to operate over the route without restriction
- R This class is permitted to operate over part or all of the route but restrictions apply. See notes column for details.
- N This class is PROHIBITED throughout this route.
- This class has not been considered for this route, and specific clearance must be obtained before operating. To be read in conjunction with the "General Notes"
- RA Route Availability

| Line of route | Line of Route / Sector Description | RA | 37/0 to 6 | 37/7 to 9 | 43 | 47 | 56 | 57 | 58 | 60 | 59 / 66 | 67 | 73 | ١ | lotes |
|---------------|--|----|--------------|--------------|----|----|----------------|----|----|----|------------|----|----|----|-------------------------------------|
| LN774 | Barrow Hill North Jn to Oxcroft Disposal Point | 7 | Y | Y | Y | Υ | Υ | Y | Y | Y | Y | Υ | Υ | | |
| LN776 | Hall Lane Jn to Foxlow Jn | 7 | Υ | Y | Υ | Υ | Y | Υ | Y | Y | Υ | Y | Y | | |
| LN778 | Seymour Jn to Bolsover | 7 | Y | Y | Y | Υ | Y | Υ | Υ | Υ | Y | Υ | Υ | | |
| LN804 | Clay Cross North Jn to Ferrybridge (via Sheffield) | 8 | Y | Y | Υ | Υ | Υ | Υ | Y | Y | Y | R1 | Y | R1 | Class 67's are restricted to 60mph. |
| LN804 | Ferrybridge to Milford Jn | 9 | Y | Y | Y | Y | Y | Y | Y | Y | Y | R1 | Y | R1 | Class 67's are restricted to 60mph. |
| LN804 | Milford Jn to Gascoigne Wood | 10 | Υ | Υ | Υ | Υ | Y | Y | Y | Y | Y | Υ | Y | | |
| LN806 | Tapton Jn to Masborough Jn | 8 | Y | Υ | Y | Y | Y | Y | Y | Y | Y | R1 | Y | R1 | Class 67's are restricted to 60mph. |
| LN807 | Dore South Jn to Dore West Jn | 8 | Υ | Υ | Υ | Υ | Y | Υ | Υ | Υ | Υ | Υ | Υ | | |
| LN808 | Dore Station Jn to Totley Tunnel East | 8 | Y | Υ | Y | Y | Y | Y | Y | Y | Υ | R1 | Y | R1 | Class 67's are restricted to 60mph. |
| LN809 | Shepcote Lane West Jn to Tinsley Yard East End | 10 | Y | Y | Y | Y | Y | Υ | Y | Y | Υ | Υ | Υ | | |
| LN810 | Shepcote Lane West Jn to Tinsley South Jn | 10 | Y | Υ | Υ | Υ | Y | Υ | Y | Y | Y | Y | Y | | |
| LN812 | Shepcote Lane East Jn to Broughton Lane Jn | 10 | Y | Υ | Y | Υ | Y | Υ | Y | Υ | Υ | Υ | Υ | | |
| LN816 | Beighton Jn to Woodhouse Jn | 8 | Υ | Υ | Υ | Υ | Υ | Υ | Y | Υ | Υ | Υ | Υ | | |
| LN818 | Holmes Curve | 10 | Y | Υ | Υ | Y | Y | Υ | Y | Υ | Υ | Υ | Υ | | |
| LN822 | Frickley Colliery Branch | 8 | - | - | - | - | - | - | - | - | - | - | - | | Not in use. |

| Line of route | Line of Route / Sector Description | RA | | 37/7 to 9 | 43 | 47 | 56 | 57 | 58 | 60 | 59 / 66 | 67 | 73 | Notes |
|---------------|--|----|---|--------------|----|----|----|----|----|----|------------|----|----|--|
| LN824 | Moorthorpe Jn to South Kirkby Jn | 8 | Υ | Υ | Υ | Y | Y | Y | Y | Υ | Y | Υ | Υ | |
| LN826 | Doncaster, South Yorkshire Jn to Swinton Jn North/South | 8 | Y | Υ | Υ | Y | Y | Y | Y | Υ | Υ | R1 | Υ | R1 Class 67's are restricted to 60mph. |
| LN828 | Mexborough Jn to Aldwarke Jn via Kilnhirst | 8 | Y | Υ | Υ | Υ | Y | Υ | Y | Υ | Υ | Υ | Y | |
| LN830 | Aldwarke Jn to Woodburn Jn | 8 | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | |
| LN832 | Doncaster, Bridge Jn to St. James Jn | 8 | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | |

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Table D4G – Route clearance of electric locomotives – all routes except LN3XXX series General Notes

The notation used in the table is explained below:

- Y This class permitted to operate over the route without restriction
- R This class is permitted to operate over part or all of the route but restrictions apply. See notes column for details.
- N This class is PROHIBITED throughout this route.
- This class has not been considered for this route, and specific clearance must be obtained before operating.
- RA Route Availability
- A.C. Electric locomotives may be hauled with the pantograph locked down or removed on routes other than those indicated in this table.

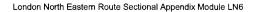
| Line of route | Line of Route / Sector Description | RA | 86 | 87 | 89 | 90 | 91 | 92 | Notes |
|---------------|---|----|----|----|----|----|-----|----------|-------------|
| LN774 | Barrow Hill North Jn to Oxcroft Disposal Point | 7 | - | - | - | - | - | - | |
| LN776 | Hall Lane Jn to Foxlow Jn | 7 | - | - | - | - | - | - | |
| LN778 | Seymour Jn to Bolsover | 7 | - | - | - | - | - | <u> </u> | |
| LN804 | Clay Cross North Jn to Ferrybridge (via Sheffield) | 8 | - | - | - | - | - | - | |
| LN804 | Ferrybridge to Milford Jn | 9 | Υ | Υ | - | Υ | Υ | - | |
| LN804 | Milford Jn to Gascoigne Wood | 10 | - | - | - | - | - | - | |
| LN806 | Tapton Jn to Masborough Jn | 8 | - | - | - | - | - | - | |
| LN807 | Dore South Jn to Dore West Jn | 8 | - | - | - | - | - | - | |
| LN808 | Dore Station Jn to Totley Tunnel East | 8 | - | - | - | - | - | - | |
| LN809 | Shepcote Lane West Jn to Tinsley Yard East End | 10 | - | - | - | - | ! - | - | |
| LN810 | Shepcote Lane West Jn to Tinsley South Jn | 10 | - | - | - | - | - | - | |
| LN812 | Shepcote Lane East Jn to Broughton Lane Jn | 10 | - | - | - | - | - | - | |
| LN816 | Beighton Jn to Woodhouse Jn | 8 | - | - | - | - | - | - | |
| LN818 | Holmes Curve | 10 | - | - | - | - | - | - | |
| LN822 | Frickley Colliery Branch | 8 | - | - | | - | · | | Not in use. |

| Line of route | Line of Route / Sector Description | RA | 86 | 87 | 89 | 90 | 91 | 92 | Notes |
|---------------|--|----|----|----|----|----|----|----|-------|
| LN824 | Moorthorpe Jn to South Kirkby Jn | 8 | - | - | - | - | - | - | |
| LN826 | Doncaster, South Yorkshire Jn to Swinton Jn North/South | 8 | - | - | - | - | - | - | |
| LN828 | Mexborough Jn to Aldwarke Jn via Kilnhirst | 8 | - | - | - | - | - | - | |
| LN830 | Aldwarke Jn to Woodburn Jn | 8 | - | - | - | - | _ | - | |
| LN832 | Doncaster, Bridge Jn to St. James Jn | 8 | - | - | - | - | - | - | |

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LN778 - SEYMOUR JN TO BOLSOVER

Bolsover

Derbyshire Coalite Sidings. Guards must obtain permission of the Person in charge at the Weigh Office before commencing work at the Exchange sidings and must not reverse the points in the Arrival line until such permission has been obtained.

In the event of there being no staff on duty in the Weigh Office, Guards must ensure that no Coalite movements are taking place before reversing the points in the Arrival Line.

Dated: 02/12/06

LN804 - CLAY CROSS NORTH JN TO GASCOIGNE WOOD (VIA SHEFFIELD)

SHEFFIELD

Telephones associated with Signals S101, S112 and S116. The telephones associated with the above Signals are affixed to the walls of the Station buildings on Platform 1 almost opposite the relative signals.

Carriage Washing Plant - Before any movement is made through the washing plant all windows must be closed. The washer will operate for movements in either direction. Such movements must be made at a speed not exceeding 3 m.p.h. until the last vehicle is clear of the equipment.

Dated: 02/12/06

LN804 - CLAY CROSS NORTH JN TO GASCOIGNE WOOD (VIA SHEFFIELD)

Nunnery Main Line Jn To Holmes Jn

Instructions To Traincrews And Other Persons Concerned Working On Network Rail Lines Adjacent To South Yorkshire P.T.E. Supertram

Supertram lines run adjacent to Network Rail lines at the following locations:-

between Meadowhall Station and Bridge 12A (Tinsley Viaduct)

Additionally, Supertram lines pass over Network Rail lines at Nunnery Main Line Jn.

Except where clearances are inadequate, a fence is provided between Network Rail lines and Supertram lines.

Supertram lines are electrified at 750v DC overhead and the equipment must be regarded as alive at all times. The provisions of Rule Book Modules AC1 & AC2, must be observed as far as is practicable; reference to the Electrical Control Room or Electrical Control Operator must be taken to refer to the Supertram Electrical Power Controller.

If anything unsafe is observed or an emergency arises where it is necessary to stop or restrict in any way traffic on the Supertram line, the Signaller must be advised. If it would be quicker to do so, the Supertram control (tel.no.Sheffield (0114) 2798128) must first be informed direct. Except at Meadowhall, Supertram lines are not signalled and track circuit operating clips must not be relied upon to stop a Supertram train in an emergency. If circumstances arise which require isolation of the overhead line equipment, the Supertram Authorised Person will issue a Permit to Work.

Engineering work which requires the opposite/adjoining line to be blocked or protected must not normally be carried out on lines which adjoin the Supertram line unless preplanned. In an emergency, work must not start until an assurance has been obtained from the Signaller that the Supertram line has been blocked or arrangements for its protection have been agreed and are in place.

Persons who work on Network Rail lines must not go onto the Supertram except in emergency or when authorised to do so. Supertram staff who are trained in personal track safety will carry a SYPTE Supertram Track Access Pass and may come onto adjacent Network Rail lines when necessary.

LN804 - CLAY CROSS NORTH JN TO GASCOIGNE WOOD (VIA SHEFFIELD)

MEADOWHALL

Between 08.00 and 19.00 hours

Drivers of all trains not booked to call at Meadowhall Station must sound the locomotive hom when approaching the Station

Cleaning of Meadowhall Station covered footbridge exterior windows will take place on selected Sundays between 01 00 and 07 30. Drivers to note this will involve the use of a cradle above the Down and Up Main lines.

Dated: 02/12/06

LN804 - CLAY CROSS NORTH JN TO GASCOIGNE WOOD (VIA SHEFFIELD)

Ferrybridge South Jn To Brotherton Tunnel

Ferrybridge South Jn And Milford Jn Knottingley West Jn And Ferrybridge North Jn

"Lockout" systems are provided between the following locations: -

- Ferrybridge South/North Jns (inclusive) and Ferrybridge Power Station Jn (inclusive): all lines Ref. No. 4005.
- Signal FE6626 (exclusive) and Signal FE6624 (exclusive): Up Pontefract line (Brotherton Bridge and Tunnel) -Ref. No. 4006.
- Signal FE6623 (exclusive) and Signal M625 (exclusive): Down Pontefract line (Brotherton Bridge and Tunnel) Ref. No. 4007.

The "lockout" systems provide a safe method of signal protection on the lines shown. The area protected and instructions for its operation are displayed at each "lockout" instrument. The "lockout" may be used instead of protection under Rule Book Modules T2 or T12. The person requesting protection must be either a certified "Controller of Site Safety" (COSS), or "Individual Working Alone" (IWA).

Method of Protection

When a "lockout" system is to be used to provide protection, the following procedure must be observed:-

- a) The COSS/IWA must telephone the Signaller giving his/her Name, Grade, Employer, location and contact telephone number. He/she must state which "lockout" section they require to be protected by and the time duration. If use of the "lockout" is agreed, the Signaller must record these details in the train register book and repeat them back to the COSS/IWA who must confirm they are correct. When satisfied the arrangements are correct, the Signaller may authorise the COSS/IWA to remove the Lockout Key. The COSS/IWA must observe the instructions displayed and remove the lockout key.
- b) When the protection is no longer required, the persons working under the control of the COSS must be moved to a position of safety and briefed on the changed protection arrangements. When the line(s) is/are clear and safe for trains to run on, the COSS/IWA must advise the Signaller of his/her Name, Grade, Employer and location. When advised to do so by the Signaller, he/she must replace the Key, and turn it clockwise until it is locked. The Signaller must be advised and he/she must check that the normal indication has been restored. The Signaller must advise the COSS/IWA and make an entry in the train register.
- c) The COSS/IWA who gives up the "lockout" protection, must, except in exceptional circumstances, be the same individual who obtained the "lockout" protection. In exceptional circumstances, the COSS/IWA may hand over to a relief provided he/she advises the Signaller of the Name, Grade, Employer, location, and contact telephone number of his/her relief.

LN804 - CLAY CROSS NORTH JN TO GASCOIGNE WOOD (VIA SHEFFIELD)

Ferrybridge Power Station

Incoming "Open Level Crossing" The provisions of Rule Book Module TW8, Section 6 headed "Open Crossings (Non Automatic)" apply at this crossing.

If it becomes necessary for a set back movement to be made over the crossing, a member of the Edison Mission staff will be stationed at the crossing and no movement over the crossing must be made without their authority.

Edison Mission Level Crossing

The provisions of Rule Book Module TW8, Section 4.2 headed "Instructions the Driver must carry out at an ABCL or AOCL crossing at which trains are not required to stop", apply as far as practicable at this crossing.

Dated: 02/12/06

LN804 - CLAY CROSS NORTH JN TO GASCOIGNE WOOD (VIA SHEFFIELD)

Ferrybridge Power Station Jn. To Milford Jn

Single Line Working. Rule Book Module P1

When Single Line Working is in operation over the Down Pontefract Line, it will not be necessary to appoint a Handsignaller for Up direction trains. Drivers of Up direction trains must be instructed by the Pilotman to obey signal FE6616

Rule Book Module P1 Sections 3.5 a) and 6.2 a) and b) are modified accordingly.

Drivers of Up trains may be authorised to proceed without being accompanied by the Pilotman.

The above arrangements are applicable in all weather conditions.

Dated: 02/12/06

LN806 - TAPTON JN TO MASBOROUGH JN

Barrow Hill

Stabling of freight trains on Down Barrow Hill Goods line. A freight train may be stabled on the Down Barrow Hill Goods line between Barrow Hill South Junction, signal 1002 and Barrow Hill North Junction signal 243.

The Guard, when leaving his train, must ensure the tail lamp is illuminated and, should the locomotive be detached, a white light must be placed on the leading wagon.

Dated: 02/12/06

LN809 - SHEPCOTE LANE WEST JN TO TINSLEY YARD EAST END

Tinsley Avesta LC (TMO) (B)

The crossing operates so far as a train Driver is concerned as shown in the Rule Book module TW8 sections 4.1 and 4.2 and not section 10.

Operation of the crossing is by means of control wires which are at cab height on the left hand side of the line on the approach to the crossing from either direction. The Driver must pull the control wire to initiate the lowering sequence of the barriers. Releasing the wire and pulling it a second time will stop the lowering sequence and pulling it a third time will restart the lowering sequence. After the train has passed completely over the crossing, the barriers will rise automatically.

If the street lighting is working correctly, it will not be necessary to apply the provisions of the Rule Book Module TW8, Section 4.5 in the event of a failure of the crossing during darkness.

If it is necessary to make a propelled movement towards the crossing at the Tinsley end, the Shunter controlling the movement must ensure that the movement does not pass the STOP board. Shunting over the crossing is prohibited.

LN809 - SHEPCOTE LANE WEST JN TO TINSLEY YARD EAST END

Tinsley Yard

Set back movements - East Departure to Main Yard

This movement is authorised for a movement not exceeding 35 SLU's.

The Signaller at Tinsley Yard signalbox must obtain authority from the Person in Charge before clearing TY 251 Signal.

The clearing of GPL 251 will be the Driver's authority to proceed. The Driver need not comply with the Rule Book Module SS2 sections 4.1 and 4.2, but must proceed cautiously, keeping a sharp lookout and be prepared to act on handsignals.

West Arrival to Main Yard

Before giving authority the Person in Charge must be satisfied that all hand points are in the correct position and no conflicting movement is taking place.

Dated: 02/12/06

LN809 - SHEPCOTE LANE WEST JN TO TINSLEY YARD EAST END Tinsley Yard

All movements between Tinsley Yard and SMACC and vice versa will be equipped with an audible tail lamp. This combines the function of a conventional battery electric trail lamp and the emission of a warning tone. When the movement is being propelled it will not be preceded by a Shunter.

Dated: 02/12/06

LN830 - ALDWARKE JN TO WOODBURN JN

Tinsley South Jn To Woodburn Jn SB

Instructions To Traincrews And Other Persons Concerned Working On Network Rail Lines Adjacent To South Yorkshire P.T.E. Supertram

Supertram lines run adjacent to Network Rail lines at the following location:-

Between Tinsley South Jn and Woodburn Jn

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If anything unsafe is observed or an emergency arises where it is necessary to stop or restrict in any way traffic on the Supertram line, the Signaller must be advised. If it would be quicker to do so, the Supertram control (tel.no.Sheffield (0114) 2798128) must first be informed direct. Except at Meadowhall, Supertram lines are not signalled and track circuit operating clips must not be relied upon to stop a Supertram train in an emergency. If circumstances arise which require isolation of the overhead line equipment, the Supertram Authorised Person will issue a Permit to Work.

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