2009 Tube Stock

Victoria line

Built by Bombardier Transportation UK, Derby 2007-2011
Due to enter service in 2009 - 2012
Maintained by: LUL Nominee Company BCV

Principal characteristics

- **Track gauge:** 1435mm
- **Current system:** 630v dc 3rd and 4th rail, shoe gear fitted to A and D cars
- **Types of vehicle:**
  - A(1): Driving Motor car (DM)
  - B: Trailer car (T)
  - C: Non Driving Motor car (NDM)
  - D(1): Uncoupling Non Driving Motor car (UNDM)
- **Formation per unit:** A(1) car – B car – C car – D(1) car
- **Formation per train (8):** A – B – C – D + D1 – C – B – A1
- **Number of trains:** 47 eight car.
- **Operation:** One Person Operated (OPO), Automatic Train Operation (ATO), Manual Driving (Protected Manual or Restricted Manual)

Information sheet date: January 2011
Vehicle details and statistics

<table>
<thead>
<tr>
<th></th>
<th>DM 'A'</th>
<th>Trailer 'B'</th>
<th>NDM 'C'</th>
<th>UNDM 'D'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length over body ends:</td>
<td>16595mm</td>
<td>16345mm</td>
<td>16345mm</td>
<td>16345mm</td>
</tr>
<tr>
<td>Width of body:</td>
<td>2616mm</td>
<td>2616mm</td>
<td>2616mm</td>
<td>2616mm</td>
</tr>
<tr>
<td>Car height:</td>
<td>2883mm</td>
<td>2883mm</td>
<td>2883mm</td>
<td>2883mm</td>
</tr>
<tr>
<td>Tare weight</td>
<td>27.1 tonnes</td>
<td>21.6 tonnes</td>
<td>23.8 tonnes</td>
<td>25.8 tonnes</td>
</tr>
<tr>
<td>Tare weight of 8-car train:</td>
<td>197.3 tonnes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Passenger door open width (double)</td>
<td>1600mm</td>
<td>1600mm</td>
<td>1600mm</td>
<td>1600mm</td>
</tr>
<tr>
<td>Passenger door open width (single)</td>
<td>800mm</td>
<td>800mm</td>
<td>800mm</td>
<td>800mm</td>
</tr>
<tr>
<td>Car number series:</td>
<td>11001–11094</td>
<td>12001–12094</td>
<td>13001–13094</td>
<td>14001–14094</td>
</tr>
<tr>
<td>Odd nos. are South End facing (A–B–C–D)</td>
<td>Even nos. are North Facing (A1–B–C–D1)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Vehicles in stock: 94 94 94 94
Grand total in stock: 376

Passenger accommodation:

Please note that standing capacity figures exclude seating capacity

Seating capacity: (Number of full seats per train) 252
Seating capacity: (Number of tip up seats, excluding wheelchair spaces) 24
Wheelchair spaces/ additional tip up seats 4/12
Standing capacities: Doorway 130.0
Throughway (m²)a 23.2
Maximum observed standing capacity (5 customers per m²) 734
Maximum full load standing capacity (6 customers per m²)b 876
Theoretical crush standing capacity (7 customers per m²)c 1028
Theoretical design crush standing (E6325 A2) 1174

NOTES:

a) Capacities here are figures calculated from floor area for design purposes
b) For propulsion performance rating
c) For structural and braking capacity [and JTC]