

# The Knowledge



15 December 2019 - 16 May 2020

**LNER**  
LONDON NORTH EASTERN RAILWAY

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# Welcome to The Knowledge

This booklet has been put together to help you assist our customers and colleagues during the course of your working day. There's a lot of operational information in here, but we've tried to keep it as light as we can.

If you need more information about Operational Planning including timetables, set workings and associated train crew diagrams visit our [m@inline](#) page.

If you have feedback for future editions of The Knowledge please contact

## Summary of timetable changes

This edition of the Knowledge covers the period from 15 December 2019 to 16 May 2020. Please note that the inward and outward workings detailed above and below the timetables are as at Day One (Sunday 15 December) and will be subject to considerable change during the Azuma rollout.

The timetable is effectively a roll forward of the one which operated in May 2019 with the following notable changes.

### Additional Services

#### Mondays to Fridays

- |      |       |   |
|------|-------|---|
| 1B80 | 08.06 | London King's Cross to Lincoln calling at Peterborough, Grantham and Newark North Gate            |
| 1B91 | 20.25 | Lincoln to London King's Cross calling at Newark North Gate, Grantham, Peterborough and Stevenage |
| 1S03 | 08.56 | Newcastle to Edinburgh Waverley calling at Berwick-upon-Tweed                                     |

#### Saturdays

- |      |       |   |
|------|-------|---|
| 1B80 | 08.06 | London King's Cross to Lincoln calling at Peterborough, Grantham and Newark North Gate            |
| 1B91 | 20.25 | Lincoln to London King's Cross calling at Newark North Gate, Grantham, Peterborough and Stevenage |

## **Sundays**

1B81	10.55	Lincoln to London King's Cross calling at Newark North Gate, Grantham, Peterborough and Stevenage
1B82	09.33	London King's Cross to Lincoln calling at Stevenage, Peterborough, Grantham and Newark North Gate
1B83	12.23	Lincoln to London King's Cross calling at Newark North Gate, Grantham, Peterborough and Stevenage
1B84	11.33	London King's Cross to Lincoln calling at Stevenage, Grantham and Newark North Gate
1B85	14.20	Lincoln to London King's Cross calling at Newark North Gate, Grantham, Peterborough and Stevenage
1B86	14.35	London King's Cross to Lincoln calling at Stevenage and Newark North Gate
1B87	16.50	Lincoln to London King's Cross calling at Newark North Gate, Grantham, Peterborough and Stevenage
1B88	15.33	London King's Cross to Lincoln calling at Stevenage, Peterborough, Grantham and Newark North Gate
1B89	18.00	Lincoln to London King's Cross calling at Newark North Gate, Grantham, Peterborough and Stevenage

## **Changes to Calling Points and Headcodes**

### **Mondays to Friday**

1D04	07.33	London King's Cross to Leeds is extended to Harrogate
1D08	09.33	London King's Cross to Leeds is extended to Harrogate
1D12	11.33	London King's Cross to Leeds is extended to Harrogate
1D16	13.33	London King's Cross to Leeds is extended to Harrogate
1D20	15.33	London King's Cross to Leeds is extended to Horsforth and Harrogate

1D24	17.33	London King's Cross to Harrogate calls additionally at Horsforth
1N08	08.30	London King's Cross to Newcastle is extended to Edinburgh Waverley. Runs as 1S08
1S01	06.22	Newcastle to Edinburgh Waverley runs as 1S00
1S02	06.15	Doncaster to Edinburgh Waverley departs at 06.10 and calls additionally at Northallerton. Runs as 1S01
1W03	07.08	Leeds to Aberdeen runs as 1W02
1A22	10.15	Leeds to London King's Cross starts from Harrogate at 09.36 and also calls at Horsforth
1A29	12.15	Leeds to London King's Cross starts from Harrogate at 11.36
1A34	14.15	Leeds to London King's Cross starts from Harrogate at 13.36
1A40	16.15	Leeds to London King's Cross starts from Harrogate at 15.36
1A46	18.15	Leeds to London King's Cross starts from Harrogate at 17.36
1E29	19.36	Edinburgh to London King's Cross calls additionally at Retford
1Y32	12.25	Newcastle to London King's Cross starts from Edinburgh Waverley at 11.00. Runs as 1E12
1Y44	16.25	Newcastle to London King's Cross starts from Edinburgh Waverley at 15.00. Runs as 1E20

### **Saturdays**

1D04	07.35	London King's Cross to Leeds is extended to Harrogate
1D08	09.33	London King's Cross to Leeds is extended to Harrogate
1D12	11.35	London King's Cross to Leeds is extended to Harrogate

1D16	13.35	London King's Cross to Leeds is extended to Harrogate
1D20	15.35	London King's Cross to Leeds is extended to Horsforth and Harrogate
1D28	18.33	London King's Cross to Harrogate calls additionally at Horsforth
1S01	06.20	Newcastle to Edinburgh Waverley runs as 1S00
1S02	06.10	Doncaster to Edinburgh Waverley runs as 1S01
1W03	07.08	Leeds to Aberdeen runs as 1W02
1A22	10.15	Leeds to London King's Cross starts from Harrogate at 09.36 and also calls at Horsforth
1A29	12.15	Leeds to London King's Cross starts from Harrogate at 11.36
1A34	14.15	Leeds to London King's Cross starts from Harrogate at 13.36
1A40	16.15	Leeds to London King's Cross starts from Harrogate at 15.36
1A46	18.15	Leeds to London King's Cross starts from Harrogate at 17.36

### **Sundays**

1D07	09.03	London King's Cross to Leeds is extended to Harrogate
1D11	11.03	London King's Cross to Leeds is extended to Harrogate
1D15	13.03	London King's Cross to Leeds is extended to Harrogate
1D19	15.03	London King's Cross to Leeds is extended to Harrogate
1D23	17.05	London King's Cross to Leeds is extended to Horsforth and Harrogate
1D26	18.03	London King's Cross to Harrogate calls additionally at Horsforth

1A22	10.05	Leeds to London King's Cross starts from Harrogate at 09.15 and also calls at Horsforth
1A29	12.05	Leeds to London King's Cross starts from Harrogate at 11.15 and also calls at Horsforth
1A34	14.05	Leeds to London King's Cross starts from Harrogate at 13.15
1A40	16.16	Leeds to London King's Cross starts from Harrogate at 15.36
1A48	18.45	Leeds to London King's Cross starts from Harrogate at 18.02
1E19	11.47	Aberdeen to London King's Cross calls additionally at Darlington
1E97	13.19	Edinburgh Waverley to London King's Cross departs at 13.20 and no longer calls at Northallerton
1Y38	14.20	Newcastle to London King's Cross departs at 14.16 and calls additionally at Northallerton

# Timetable notes

## Headcode

The operational identity of the train service – see description of Headcodes on page 66.

## RSID - Retail Systems Identification

The identity of the train service for use by retail systems.

## Train type

Whether the service is booked to be a MkIV set (91) or an Azuma (A5 for 5-cars, A9 for 9-cars or A10 for 10-cars).

## Planned previous or next working

The previous or next service diagrammed to be worked by that set, which may be a customer service (Class 1) or an empty coaching stock (Class 3 or Class 5) working.

## Days run

MO Service runs on Mondays only.

MX Service runs on Tuesdays to Fridays.

FO Service runs on Fridays only.

FX Service runs on Mondays to Thursdays.

## ECS

Empty Coaching Stock (Class 3 or Class 5) working.

## 's' or 'u' against the arrival/departure time

Indicates that the train stops to set down (s) or to pick up (u) customers only.

### On Train (Transit) Cleaning

Please note that operatives are scheduled to be onboard trains between the two stations within a shaded yellow box. If the box is broken then this highlights that there is a gap between two different diagrams being on a train.

If in-transit cleaners do not board your service during normal (non disrupted) services please notify the Duty Customer Experience Manager in the Service Delivery Team.

If you are not satisfied with the standard of cleaning please report to **REDACTED**

^also calls at Carrbridge, Newtonmore, Blair Atholl, Dunkeld & Birnam and Dunblane.



Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1S00	1S01	1W02	1S03	1D01	1S04	1D02	1S05
RSID		6000	6020	6040	6030	2000	6050	2020	6060
Days Run									
Power Type		A9	A9	A9	A10	A10	91	91	A9
London King's Cross	d					0555	0615	0633	0700
Stevenage	d					0617	0637	0655	
Peterborough	d					0647	0708	0725	0748
Grantham	d					0706	0727	0744	
Newark North Gate	d					0719	0741		
Lincoln Central	a								
Retford	d					0734	0756		
Doncaster	d		0610			0750	0811	0817	
Wakefield Westgate	a					0806		0834	
Leeds	a					0822		0852	
Leeds	d			0708					
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a								
Harrogate	a								
Selby	a								
Brough	a								
Hull	a								
York	a		0630	0731			0832		0851
York	d		0635	0735			0834		0855
Northallerton	a		0653				0853		
Darlington	d		0709	0805			0909		0924
Durham	a		0725	0821			0926		
Newcastle	a		0740	0837			0940		0951
Newcastle	d	0622	0742	0842	0856		0947		0954
Sunderland M	a								
Morpeth	a	0636		0855					
Alnmouth	a	0653	0808						
Berwick-upon-Tweed	a	0717	0831	0930	0938				1036
Dunbar	a	0741	0854	0954					
Edinburgh Waverley	a	0807	0921	1020	1031		1112		1122
Edinburgh Waverley	d			1028					
Haymarket	a			1031					
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a			1047					
Kirkcaldy	a			1104					
Leuchars	a			1128					
Dundee	a			1144					
Arbroath	a			1201					
Montrose	a			1217					
Stonehaven	a			1241					
Aberdeen	a			1302					
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		1E07	1E10	5E25	1E12	1A18	5S04	1A19	1E14
departing		0830	1000	1315	1100	0845	1137	0915	1200
to		KGX	KGX	XAC	KGX	KGX	XCN	KGX	KGX

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1D03	1N80	1S06	1D04	1S07	1D05	1B80	1S08
RSID		2040	4080	6100	2060	6120	2080	2090	6140
Days Run									
Power Type		91	91	91	A10	91	91	A5	91
London King's Cross	d	0703	0706	0730	0733	0800	0803	0806	0830
Stevenage	d		0728		0755				
Peterborough	d	0753	0758	0818			0851	0854	0918
Grantham	d		0817		0841			0914	
Newark North Gate	d		0830	0846				0929	0946
Lincoln Central	a							0955	
Retford	d		0845						
Doncaster	d	0843	0904	0912	0915		0944		1010
Wakefield Westgate	a	0859			0931		1000		
Leeds	a	0916			0945		1016		
Leeds	d				0953				
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a								
Harrogate	a				1019				
Selby	a								
Brough	a								
Hull	a								
York	a		0927	0932		0950			1032
York	d			0935		0954			1035
Northallerton	a								1053
Darlington	d			1007		1023			1109
Durham	a			1023					1125
Newcastle	a			1039		1050			1140
Newcastle	d			1042		1052			1144
Sunderland M	a								
Morpeth	a								
Alnmouth	a			1107					
Berwick-upon-Tweed	a					1135			
Dunbar	a								
Edinburgh Waverley	a			1210		1220			1309
Edinburgh Waverley	d								
Haymarket	a								
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a								
Kirkcaldy	a								
Leuchars	a								
Dundee	a								
Arbroath	a								
Montrose	a								
Stonehaven	a								
Aberdeen	a								
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		1A20	1Y82	1E16	5D04	1E17	1A25	5B80	1E18
departing		0945	1002	1300	1025	1330	1045	1000	1400
to		KGX	KGX	KGX	HDS	KGX	KGX	XTT	KGX

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1D06	1S09	1D07	1N81	1S10	1D08	1W11	1D09
RSID		2100	6160	2120	4180	6180	2140	6200	2160
Days Run									
Power Type		A9	91	A10	A10	91	A9	A9	A10
London King's Cross	d	0833	0900	0903	0906	0930	0933	1000	1003
Stevenage	d	0856			0928		0956		
Peterborough	d		0948	0952	0959	1018			1051
Grantham	d	0941			1020		1041		
Newark North Gate	d				1033	1046			
Lincoln Central	a								
Retford	d				1049				
Doncaster	d	1015		1043	1105	1110	1115		1143
Wakefield Westgate	a	1031		1100			1131		1159
Leeds	a	1047		1116			1146		1216
Leeds	d						1153		
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a								
Harrogate	a						1219		
Selby	a								
Brough	a								
Hull	a								
York	a		1051		1130	1132		1152	
York	d		1054			1135		1155	
Northallerton	a								
Darlington	d		1123			1206		1224	
Durham	a					1222			
Newcastle	a		1150			1237		1250	
Newcastle	d		1152			1239		1254	
Sunderland M	a								
Morpeth	a					1253			
Alnmouth	a					1309			
Berwick-upon-Tweed	a		1235					1337	
Dunbar	a								
Edinburgh Waverley	a		1320			1413		1421	
Edinburgh Waverley	d							1429	
Haymarket	a							1432	
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a							1449	
Kirkcaldy	a							1506	
Leuchars	a							1531	
Dundee	a							1546	
Arbroath	a							1605	
Montrose	a							1621	
Stonehaven	a							1645	
Aberdeen	a							1704	
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		1A26	1E19	1A28	1Y84	1E20	5D08	5S11	1A30
departing		1115	1430	1145	1202	1500	1225	1717	1245
to		KGX	KGX	KGX	KGX	KGX	HDS	XAC	KGX

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1B82	1S12	1D10	1S13	1D11	1N83	1S15	1D12
RSID		2180	6220	2200	6240	2220	4260	6280	2240
Days Run									
Power Type		A5	91	91	91	91	A9	91	A9
London King's Cross	d	1006	1030	1033	1100	1103	1106	1130	1133
Stevenage	d	1028		1056			1128		1156
Peterborough	d	1101	1118			1153	1159	1218	
Grantham	d	1121		1141			1219		1241
Newark North Gate	d	1136	1146				1232	1246	
Lincoln Central	a	1202							
Retford	d						1247		
Doncaster	d		1210	1215		1243	1305	1310	1315
Wakefield Westgate	a			1231		1300			1331
Leeds	a			1248		1316			1346
Leeds	d								1353
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a								
Harrogate	a								1419
Selby	a								
Brough	a								
Hull	a								
York	a		1231		1251		1329	1332	
York	d		1235		1254			1335	
Northallerton	a		1253						
Darlington	d		1309		1323			1408	
Durham	a		1325					1425	
Newcastle	a		1340		1349			1439	
Newcastle	d		1345		1352			1443	
Sunderland M	a								
Morpeth	a								
Alnmouth	a							1508	
Berwick-upon-Tweed	a				1434				
Dunbar	a								
Edinburgh Waverley	a		1516		1519			1615	
Edinburgh Waverley	d								
Haymarket	a								
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a								
Kirkcaldy	a								
Leuchars	a								
Dundee	a								
Arbroath	a								
Montrose	a								
Stonehaven	a								
Aberdeen	a								
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		5B82	1E22	1A31	1E23	1A33	1Y86	1E24	5D12
departing		1217	1600	1315	1630	1345	1402	1700	1425
to		XTT	KGX	KGX	KGX	KGX	KGX	KGX	HDS

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1W96	1D13	1B84	1S17	1D14	1S18	1D15	1N85
RSID		6300	2260	2280	6340	2300	6360	2320	4380
Days Run									
Power Type		A9	A10	A5	91	91	91	91	91
London King's Cross	d	1200	1203	1206	1230	1233	1300	1303	1306
Stevenage	d			1228		1256			1328
Peterborough	d		1252	1301	1318		1348	1352	1400
Grantham	d			1321		1341			1421
Newark North Gate	d			1336	1346				1434
Lincoln Central	a			1402					
Retford	d								1449
Doncaster	d		1343		1411	1415		1443	1505
Wakefield Westgate	a		1359			1431		1459	
Leeds	a		1416			1448		1516	
Leeds	d								
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a								
Harrogate	a								
Selby	a								
Brough	a								
Hull	a								
York	a	1352			1432		1451		1529
York	d	1355			1435		1454		
Northallerton	a				1453				
Darlington	d	1424			1509		1523		
Durham	a				1525				
Newcastle	a	1450			1540		1549		
Newcastle	d	1455			1545		1552		
Sunderland M	a								
Morpeth	a								
Alnmouth	a								
Berwick-upon-Tweed	a	1538					1634		
Dunbar	a								
Edinburgh Waverley	a	1622			1714		1723		
Edinburgh Waverley	d	1634							
Haymarket	a	1638							
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a								
Kirkcaldy	a								
Leuchars	a								
Dundee	a								
Arbroath	a								
Montrose	a								
Stonehaven	a								
Aberdeen	a								
Falkirk Grahamston	a	1701							
Stirling	a	1716							
Gleneagles	a	1733							
Perth	a	1753							
Pitlochry	a	1828							
Kingussie	a	1914							
Aviemore	a	1928							
Inverness	a	2006							
Planned next working		5W96	1A36	5B84	5S17	1A37	1E27	1A39	1Y88
departing		2034	1445	1414	1742	1515	1830	1545	1603
to		XIV	KGX	XTT	XCN	KGX	KGX	KGX	KGX

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1S19	1D16	1W20	1D17	1B86	1S21	1D18	1W22
RSID		6400	2340	6420	2360	2380	6440	2400	6460
Days Run									
Power Type		A9	A10	A9	91	A5	91	A10	91
London King's Cross	d	1330	1333	1400	1403	1406	1430	1433	1500
Stevenage	d		1356			1428		1456	
Peterborough	d	1418			1451	1459	1519		
Grantham	d		1442			1519		1542	
Newark North Gate	d	1446				1534	1547		
Lincoln Central	a					1601			
Retford	d								
Doncaster	d	1511	1515		1543		1611	1615	
Wakefield Westgate	a		1531		1559			1631	
Leeds	a		1546		1616			1651	
Leeds	d		1553						
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a								
Harrogate	a		1619						
Selby	a								
Brough	a								
Hull	a								
York	a	1531		1552			1632		1651
York	d	1535		1555			1635		1655
Northallerton	a	1553					1653		
Darlington	d	1609		1624			1709		1724
Durham	a	1625					1725		
Newcastle	a	1639		1650			1740		1750
Newcastle	d	1642		1656			1749		1753
Sunderland M	a								
Morpeth	a	1655							
Alnmouth	a	1710							
Berwick-upon-Tweed	a			1739					1837
Dunbar	a								
Edinburgh Waverley	a	1818		1822			1913		1919
Edinburgh Waverley	d			1833					1925
Haymarket	a			1836					1928
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a			1853					
Kirkcaldy	a			1911					
Leuchars	a			1939					
Dundee	a			1954					
Arbroath	a			2013					
Montrose	a			2030					
Stonehaven	a			2054					
Aberdeen	a			2115					
Falkirk Grahamston	a								1955
Stirling	a								2016
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		5N19	5D16	5W20	1A41	5B86	5N21	1A43	5W22
departing		1842	1625	2125	1645	1614	1950	1714	2028
to		XHT	HDS	XAC	KGX	XTT	XHT	KGX	XCN

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1D19	1N87	1S23	1D20	1W24	1D21	1B88	1S25
RSID		2420	4480	6500	2440	6520	2460	2480	6540
Days Run		FX							
Power Type		A9	A10	A9	A10	A9	A10	A5	91
London King's Cross	d	1503	1506	1530	1533	1600	1603	1606	1630
Stevenage	d		1528		1556			1628	
Peterborough	d	1551	1559	1618			1652	1701	1718
Grantham	d		1619		1641			1721	
Newark North Gate	d		1633	1646				1736	1746
Lincoln Central	a							1802	
Retford	d		1648						
Doncaster	d	1643	1704	1710	1717		1741		1812
Wakefield Westgate	a	1659			1733		1759		
Leeds	a	1716			1749		1816		
Leeds	d				1800				
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a				1808				
Harrogate	a				1832				
Selby	a								
Brough	a								
Hull	a								
York	a		1727	1731		1751			1832
York	d			1734		1755			1835
Northallerton	a			1753					1855
Darlington	d			1809		1824			1910
Durham	a			1825					1927
Newcastle	a			1841		1850			1941
Newcastle	d			1844		1853			1944
Sunderland M	a								
Morpeth	a								1957
Alnmouth	a			1909					
Berwick-upon-Tweed	a					1936			
Dunbar	a								
Edinburgh Waverley	a			2014		2020			2114
Edinburgh Waverley	d			2019		2032			
Haymarket	a			2022		2035			
Motherwell	a			2102					
Glasgow Central	a			2126					
Inverkeithing	a					2051			
Kirkcaldy	a					2109			
Leuchars	a					2137			
Dundee	a					2153			
Arbroath	a					2210			
Montrose	a					2226			
Stonehaven	a					2250			
Aberdeen	a					2311			
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		1A45	1Y90	5S23	5D20	5W24	1A48	5B88	5S25
departing		1745	1802	2152	1837	2325	1845	1813	2134
to		KGX	KGX	XPO	HDS	XAC	KGX	XTT	XCN

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1S25	1D22	1S26	1S26	1D23	1H10	1S27	1D24
RSID		6540	2500	6560	6560	2520	2540	6580	2560
Days Run		FO		FX	FO				
Power Type		91	A9	91	91	A10	A9	91	A9
London King's Cross	d	1630	1633	1700	1700	1703	1718	1730	1733
Stevenage	d		1655						1755
Peterborough	d	1718				1751	1809	1819	
Grantham	d		1741				1829		1842
Newark North Gate	d	1746					1842	1847	
Lincoln Central	a								
Retford	d		1804						
Doncaster	d	1812	1819			1843	1910		1916
Wakefield Westgate	a		1835			1900			1932
Leeds	a		1852			1917			1948
Leeds	d								2001
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a								2009
Harrogate	a								2032
Selby	a						1927		
Brough	a						1948		
Hull	a						2005		
York	a	1832		1849	1849			1927	
York	d	1835		1855	1855			1930	
Northallerton	a	1855							
Darlington	d	1910		1925	1925			2000	
Durham	a	1927						2016	
Newcastle	a	1941		1951	1951			2031	
Newcastle	d	1944		1954	1954			2033	
Sunderland M	a								
Morpeth	a	1957							
Alnmouth	a							2058	
Berwick-upon-Tweed	a			2037	2037				
Dunbar	a							2142	
Edinburgh Waverley	a	2114		2122	2122			2208	
Edinburgh Waverley	d								
Haymarket	a								
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a								
Kirkcaldy	a								
Leuchars	a								
Dundee	a								
Arbroath	a								
Montrose	a								
Stonehaven	a								
Aberdeen	a								
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		1E31	1A49	5S26	5S26	1A50	1J10	5S27	5D24
departing		2200	1916	2146	2135	1945	2029	2226	2042
to		NCL	KGX	XCN	XCN	KGX	DON	XCN	XNL



Turnrounds at King's Cross are subject to change during Azuma rollout									
Headcode		1D25	1S28	1D26	1N29	1S30	1D28	1S31	1D29
RSID		2580	6600	2600	4620	6640	2620	6660	2640
Days Run									
Power Type		A10	91	A9	91	91	91	91	A9
London King's Cross	d	1748	1800	1803	1818	1830	1833	1900	1903
Stevenage	d						1855		
Peterborough	d	1838		1855	1909	1918			1952
Grantham	d	1905			1928		1942		
Newark North Gate	d			1924		1947			
Lincoln Central	a								
Retford	d	1928					2005		
Doncaster	d	1944		1950		2012	2022		2042
Wakefield Westgate	a	2001		2006			2038		2059
Leeds	a	2017		2021			2054		2117
Leeds	d			2039			2107		
Shipley	a						21s18		
Bradford Forster Square	a						2129		
Keighley	a			21s01					
Skipton	a			2119					
Horsforth	a								
Harrogate	a								
Selby	a								
Brough	a								
Hull	a								
York	a		1947		2016	2033		2054	
York	d		1952		2019	2035		2057	
Northallerton	a				2037				
Darlington	d		2022		2052	2104		2126	
Durham	a				2109	2121			
Newcastle	a		2048		2125	2135		2153	
Newcastle	d		2051			2138		2155	
Sunderland M	a								
Morpeth	a					2151			
Alnmouth	a					2207			
Berwick-upon-Tweed	a		2134					2238	
Dunbar	a								
Edinburgh Waverley	a		2222			2316		2331	
Edinburgh Waverley	d								
Haymarket	a								
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a								
Kirkcaldy	a								
Leuchars	a								
Dundee	a								
Arbroath	a								
Montrose	a								
Stonehaven	a								
Aberdeen	a								
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		1A52	5S28	5D26	5N29	5S30	5D28	5S31	5D29
departing		2045	2304	2128	2140	2337	2146	2357	2137
to		KGX	XCN	XDR	XHT	XCN	XNL	XCN	XNL

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1B90	1N32	1S32	1D30	1N33	1D31	1D32	1N34
RSID		2660	4680	6680	2680	4700	2700	2720	4720
Days Run		FX		FO					
Power Type		A9	91	91	91	A9	A10	91	A10
London King's Cross	d	1906	1930	1930	1933	2000	2003	2033	2100
Stevenage	d	1928			1955			2055	2122
Peterborough	d	2000	2018	2018			2052	2126	2153
Grantham	d	2020			2041			2145	
Newark North Gate	d	2036	2046	2046			2120	2158	2221
Lincoln Central	a	2103							
Retford	d								
Doncaster	d		2110	2110	2114		2145	2223	2249
Wakefield Westgate	a				2130		2205	2239	
Leeds	a				2147		2221	2257	
Leeds	d								
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a								
Harrogate	a								
Selby	a								
Brough	a								
Hull	a								
York	a		2131	2131		2148			2309
York	d		2133	2133		2153			2312
Northallerton	a		2152	2152					2342
Darlington	d		2207	2207		2223			2357
Durham	a		2223	2223		2239			0013
Newcastle	a		2239	2239		2254			0043
Newcastle	d			2240		2300			
Sunderland M	a					2323			
Morpeth	a			2253					
Alnmouth	a			2309					
Berwick-upon-Tweed	a			2333					
Dunbar	a								
Edinburgh Waverley	a			0028					
Edinburgh Waverley	d								
Haymarket	a								
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a								
Kirkcaldy	a								
Leuchars	a								
Dundee	a								
Arbroath	a								
Montrose	a								
Stonehaven	a								
Aberdeen	a								
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		5B90	5N32	5S32	5D30	5N33	5D31	5D32	5N34
departing		2111	2251	0045	2158	2337	2239	2309	0054
to		XDR	XHT	XCN	XLN	XHT	XDR	XLN	XHT

Turnrounds at King's Cross are subject to change during Azuma rollout						
Headcode		1D33	1D33	1N35	1N36	1D36
RSID		2740	2740	4740	4760	2780
Days Run		FX	FO			
Power Type		A10	A10	A9	91	A9
London King's Cross	d	2133	2133	2200	2300	2333
Stevenage	d	2156	2156			
Peterborough	d	2228	2228	2249	23s44	00s16
Grantham	d	2248	2248	2309	00s12	00s45
Newark North Gate	d	2302	2302	2323	00s24	00s57
Lincoln Central	a					
Retford	d	2317	2317			
Doncaster	d	2337	2337	2352	00s57	01s24
Wakefield Westgate	a	2354	2354			
Leeds	a	0010	0010			0236
Leeds	d					
Shipley	a					
Bradford Forster Square	a					
Keighley	a					
Skipton	a					
Horsforth	a					
Harrogate	a					
Selby	a					
Brough	a					
Hull	a					
York	a			0038	0133	
York	d			0041		
Northallerton	a			01s09		
Darlington	d			01s23		
Durham	a			01s42		
Newcastle	a			0215		
Newcastle	d					
Sunderland M	a					
Morpeth	a					
Alnmouth	a					
Berwick-upon-Tweed	a					
Dunbar	a					
Edinburgh Waverley	a					
Edinburgh Waverley	d					
Haymarket	a					
Motherwell	a					
Glasgow Central	a					
Inverkeithing	a					
Kirkcaldy	a					
Leuchars	a					
Dundee	a					
Arbroath	a					
Montrose	a					
Stonehaven	a					
Aberdeen	a					
Falkirk Grahamston	a					
Stirling	a					
Gleneagles	a					
Perth	a					
Pitlochry	a					
Kingussie	a					
Aviemore	a					
Inverness	a					
Planned next working		5D33	5D33	5N35	1Y00	5D36
departing		0026	0053	0226	0440	0246
to		XNL	XNL	XHT	KGX	XNL

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1S00	1S01	1W02	1D01	1S04	1D02	1S05	1D03
RSID		6007	6027	6047	2007	6057	2027	6067	2047
Days Run									
Power Type		A9	A9	A9	A10	91	91	A9	91
London King's Cross	d				0555	0615	0630	0700	0703
Stevenage	d				0617	0638	0652		
Peterborough	d				0647	0709	0723	0748	0753
Grantham	d				0706	0728	0742		
Newark North Gate	d				0719	0741			
Lincoln Central	a								
Retford	d				0734	0756			
Doncaster	d		0610		0750	0812	0818		0843
Wakefield Westgate	a				0806		0834		0859
Leeds	a				0822		0852		0916
Leeds	d			0708					
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a								
Harrogate	a								
Selby	a								
Brough	a								
Hull	a								
York	a		0630	0731		0832		0852	
York	d		0635	0735		0835		0855	
Northallerton	a		0653			0853			
Darlington	d		0709	0805		0908		0924	
Durham	a		0725	0821		0925			
Newcastle	a		0740	0837		0939		0951	
Newcastle	d	0620	0742	0842		0946		0954	
Sunderland M	a								
Morpeth	a	0633		0855					
Alnmouth	a	0650	0808						
Berwick-upon-Tweed	a	0715	0831	0930				1036	
Dunbar	a	0739	0853	0954					
Edinburgh Waverley	a	0807	0919	1023		1109		1128	
Edinburgh Waverley	d			1028					
Haymarket	a			1031					
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a			1047					
Kirkcaldy	a			1104					
Leuchars	a			1128					
Dundee	a			1144					
Arbroath	a			1201					
Montrose	a			1217					
Stonehaven	a			1241					
Aberdeen	a			1302					
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		1E07	1E10	5E25	1A18	1E14	1A19	5S05	1A20
departing		0830	1000	1315	0845	1200	0915	1146	0945
to		KGX	KGX	ABD	KGX	KGX	KGX	XCN	KGX

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1N80	1S06	1D04	1S07	1D05	1B80	1S08	1D06
RSID		4087	6107	2067	6127	2087	2097	6147	2107
Days Run									
Power Type		91	91	A10	91	91	A5	91	A9
London King's Cross	d	0706	0730	0735	0800	0803	0806	0830	0833
Stevenage	d	0728		0757					0855
Peterborough	d	0758	0818			0851	0854	0918	
Grantham	d	0817		0842			0914		0941
Newark North Gate	d	0830	0846				0929	0946	
Lincoln Central	a						0955		
Retford	d	0845							
Doncaster	d	0904	0912	0915		0944		1010	1015
Wakefield Westgate	a			0931		1000			1031
Leeds	a			0945		1016			1047
Leeds	d			0953					
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a								
Harrogate	a			1019					
Selby	a								
Brough	a								
Hull	a								
York	a	0927	0932		0952			1032	
York	d		0935		0954			1035	
Northallerton	a							1053	
Darlington	d		1006		1023			1109	
Durham	a		1022					1125	
Newcastle	a		1038		1050			1140	
Newcastle	d		1041		1054			1144	
Sunderland M	a								
Morpeth	a								
Alnmouth	a		1106						
Berwick-upon-Tweed	a				1137				
Dunbar	a								
Edinburgh Waverley	a		1209		1226			1309	
Edinburgh Waverley	d								
Haymarket	a								
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a								
Kirkcaldy	a								
Leuchars	a								
Dundee	a								
Arbroath	a								
Montrose	a								
Stonehaven	a								
Aberdeen	a								
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		1Y82	1E16	5D04	1E17	1A25	5B80	1E18	1A26
departing		1004	1300	1025	1330	1045	1002	1400	1115
to		KGX	KGX	HDS	KGX	KGX	XTT	KGX	KGX

Turnrounds at King's Cross are subject to change during Azuma rollout									
Headcode		1S09	1D07	1N81	1S10	1D08	1W11	1D09	1B82
RSID		6167	2127	4187	6187	2147	6207	2167	2187
Days Run									
Power Type		91	A10	A10	91	A9	A9	A10	A5
London King's Cross	d	0900	0903	0906	0930	0933	1000	1003	1006
Stevenage	d			0929		0956			1029
Peterborough	d	0948	0952	1001	1018			1053	1059
Grantham	d			1021		1041			1120
Newark North Gate	d			1034	1046				1135
Lincoln Central	a								1201
Retford	d			1049					
Doncaster	d		1042	1105	1110	1115		1143	
Wakefield Westgate	a		1100			1131		1200	
Leeds	a		1116			1146		1216	
Leeds	d					1153			
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a								
Harrogate	a					1219			
Selby	a								
Brough	a								
Hull	a								
York	a	1051		1129	1132		1152		
York	d	1054			1135		1155		
Northallerton	a								
Darlington	d	1123			1206		1224		
Durham	a				1222				
Newcastle	a	1150			1237		1250		
Newcastle	d	1152			1239		1254		
Sunderland M	a								
Morpeth	a				1253				
Alnmouth	a				1307				
Berwick-upon-Tweed	a	1235					1337		
Dunbar	a								
Edinburgh Waverley	a	1327			1410		1425		
Edinburgh Waverley	d						1429		
Haymarket	a						1432		
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a						1449		
Kirkcaldy	a						1506		
Leuchars	a						1531		
Dundee	a						1546		
Arbroath	a						1604		
Montrose	a						1621		
Stonehaven	a						1645		
Aberdeen	a						1706		
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		1E19	1A28	1Y84	1E20	5D08	5W11	1A30	5B82
departing		1430	1145	1203	1500	1225	1720	1245	1215
to		KGX	KGX	KGX	KGX	HDS	XAC	KGX	XTT

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1S12	1D10	1S13	1D11	1N83	1S15	1D12	1W96
RSID		6227	2207	6247	2227	4267	6287	2247	6307
Days Run									
Power Type		91	91	91	A9	A9	91	A9	A9
London King's Cross	d	1030	1035	1100	1103	1106	1130	1135	1200
Stevenage	d		1057			1128		1157	
Peterborough	d	1118			1153	1159	1218		
Grantham	d		1142			1218		1241	
Newark North Gate	d	1146				1231	1246		
Lincoln Central	a								
Retford	d					1246			
Doncaster	d	1210	1216		1243	1305	1310	1316	
Wakefield Westgate	a		1232		1300			1332	
Leeds	a		1249		1316			1347	
Leeds	d							1353	
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a								
Harrogate	a							1419	
Selby	a								
Brough	a								
Hull	a								
York	a	1231		1251		1329	1331		1352
York	d	1235		1254			1335		1355
Northallerton	a	1253							
Darlington	d	1309		1323			1408		1424
Durham	a	1325					1425		
Newcastle	a	1340		1349			1439		1450
Newcastle	d	1345		1352			1442		1455
Sunderland M	a								
Morpeth	a								
Alnmouth	a						1507		
Berwick-upon-Tweed	a			1434					1538
Dunbar	a								
Edinburgh Waverley	a	1509		1527			1617		1625
Edinburgh Waverley	d								1634
Haymarket	a								1638
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a								
Kirkcaldy	a								
Leuchars	a								
Dundee	a								
Arbroath	a								
Montrose	a								
Stonehaven	a								
Aberdeen	a								
Falkirk Grahamston	a								1701
Stirling	a								1716
Gleneagles	a								1733
Perth	a								1753
Pitlochry	a								1828
Kingussie	a								1914
Aviemore	a								1928
Inverness	a								2006
Planned next working		1E22	1A31	1E23	1A33	1Y86	1E24	5D12	5W96
departing		1600	1315	1630	1345	1405	1700	1425	2034
to		KGX	KGX	KGX	KGX	KGX	KGX	HDS	XIV

Turnrounds at King's Cross are subject to change during Azuma rollout									
Headcode		1D13	1B84	1S17	1D14	1S18	1D15	1N85	1S19
RSID		2267	2287	6347	2307	6367	2327	4387	6407
Days Run									
Power Type		A10	A5	91	91	91	91	91	A9
London King's Cross	d	1203	1206	1230	1235	1300	1303	1306	1330
Stevenage	d		1228		1257				
Peterborough	d	1251	1301	1318		1348	1352	1356	1418
Grantham	d		1321		1341			1416	
Newark North Gate	d		1336	1347				1433	1446
Lincoln Central	a		1402						
Retford	d							1449	
Doncaster	d	1343		1411	1416		1443	1505	1510
Wakefield Westgate	a	1359			1432		1459		
Leeds	a	1416			1448		1516		
Leeds	d								
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a								
Harrogate	a								
Selby	a								
Brough	a								
Hull	a								
York	a			1432		1451		1529	1531
York	d			1435		1454			1535
Northallerton	a			1454					1553
Darlington	d			1509		1523			1609
Durham	a			1526					1625
Newcastle	a			1540		1549			1639
Newcastle	d			1545		1559			1642
Sunderland M	a								
Morpeth	a								1655
Alnmouth	a								1710
Berwick-upon-Tweed	a					1641			
Dunbar	a								
Edinburgh Waverley	a			1710		1730			1815
Edinburgh Waverley	d								
Haymarket	a								
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a								
Kirkcaldy	a								
Leuchars	a								
Dundee	a								
Arbroath	a								
Montrose	a								
Stonehaven	a								
Aberdeen	a								
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		1A36	5B84	5S17	1A37	1E27	1A39	1Y88	1E28
departing		1445	1417	1737	1515	1830	1545	1602	1900
to		KGX	XTT	XCN	KGX	NCL	KGX	KGX	DON



Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1D16	1W20	1D17	1B86	1S21	1D18	1S22	1D19
RSID		2347	6427	2367	2387	6447	2407	6467	2427
Days Run									
Power Type		A10	A9	91	A5	91	A10	91	A9
London King's Cross	d	1335	1400	1403	1406	1430	1435	1500	1503
Stevenage	d	1358			1428		1457		
Peterborough	d			1453	1459	1518			1554
Grantham	d	1441			1519		1542		
Newark North Gate	d				1536	1546			
Lincoln Central	a				1606				
Retford	d								
Doncaster	d	1514		1543		1610	1615		1644
Wakefield Westgate	a	1530		1559			1632		1700
Leeds	a	1546		1616			1651		1716
Leeds	d	1553							
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a								
Harrogate	a	1619							
Selby	a								
Brough	a								
Hull	a								
York	a		1552			1632		1651	
York	d		1555			1635		1655	
Northallerton	a					1654			
Darlington	d		1624			1709		1724	
Durham	a					1726			
Newcastle	a		1650			1740		1750	
Newcastle	d		1658			1744		1753	
Sunderland M	a								
Morpeth	a								
Alnmouth	a								
Berwick-upon-Tweed	a		1743					1837	
Dunbar	a								
Edinburgh Waverley	a		1831			1910		1928	
Edinburgh Waverley	d		1835						
Haymarket	a		1839						
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a		1856						
Kirkcaldy	a		1913						
Leuchars	a		1941						
Dundee	a		1957						
Arbroath	a		2014						
Montrose	a		2030						
Stonehaven	a		2054						
Aberdeen	a		2116						
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		5D16	5W20	1A41	5B86	1E29	1A43	5S22	1A45
departing		1625	2125	1645	1620	2000	1714	1947	1745
to		HDS	XAC	KGX	XTT	NCL	KGX	XCN	KGX

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1N87	1S23	1D20	1S24	1D21	1B88	1S25	1D22
RSID		4487	6507	2447	6527	2467	2487	6547	2507
Days Run									
Power Type		A10	A9	A10	A9	A10	A5	91	A9
London King's Cross	d	1506	1530	1535	1600	1603	1606	1630	1633
Stevenage	d	1528		1557			1628		1655
Peterborough	d	1559	1618			1654	1701	1718	
Grantham	d	1618		1642			1722		1742
Newark North Gate	d	1632	1646				1736	1747	
Lincoln Central	a						1803		
Retford	d	1647							1805
Doncaster	d	1702	1710	1716		1742		1812	1820
Wakefield Westgate	a			1734		1759			1836
Leeds	a			1749		1816			1853
Leeds	d			1800					
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a			1808					
Harrogate	a			1832					
Selby	a								
Brough	a								
Hull	a								
York	a	1725	1731		1751			1833	
York	d		1734		1756			1835	
Northallerton	a		1753					1855	
Darlington	d		1809		1825			1910	
Durham	a		1825					1927	
Newcastle	a		1841		1851			1941	
Newcastle	d		1844		1854			1944	
Sunderland M	a								
Morpeth	a							1957	
Alnmouth	a		1909						
Berwick-upon-Tweed	a				1936				
Dunbar	a								
Edinburgh Waverley	a		2014		2021			2114	
Edinburgh Waverley	d								
Haymarket	a								
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a								
Kirkcaldy	a								
Leuchars	a								
Dundee	a								
Arbroath	a								
Montrose	a								
Stonehaven	a								
Aberdeen	a								
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		1Y90	5S23	5D20	5S24	1A48	5B88	5S25	1A49
departing		1802	2029	1837	2038	1845	1814	2136	1916
to		KGX	XCN	HDS	XCN	KGX	XTT	XCN	KGX

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1S26	1D23	1H10	1S27	1D24	1S28	1D26	1D27
RSID		6567	2527	2547	6587	2567	6607	2607	2587
Days Run									
Power Type		91	A9	A9	A9	91	91	A10	91
London King's Cross	d	1700	1703	1718	1730	1733	1800	1803	1818
Stevenage	d					1755			
Peterborough	d		1752	1809	1818			1851	1910
Grantham	d			1829		1842			1929
Newark North Gate	d			1842	1847			1922	
Lincoln Central	a								
Retford	d								1952
Doncaster	d		1843	1910		1916		1950	2007
Wakefield Westgate	a		1900			1932		2006	2023
Leeds	a		1917			1950		2020	2041
Leeds	d							2039	
Shipley	a								
Bradford Forster Square	a								
Keighley	a							21s00	
Skipton	a							2118	
Horsforth	a								
Harrogate	a								
Selby	a			1927					
Brough	a			1948					
Hull	a			2005					
York	a	1849			1928		1951		
York	d	1855			1930		1953		
Northallerton	a								
Darlington	d	1926			1959		2023		
Durham	a				2016				
Newcastle	a	1952			2031		2050		
Newcastle	d	1955			2033		2052		
Sunderland M	a								
Morpeth	a						2106		
Alnmouth	a						2123		
Berwick-upon-Tweed	a	2037					2147		
Dunbar	a						2211		
Edinburgh Waverley	a	2122			2158		2238		
Edinburgh Waverley	d								
Haymarket	a								
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a								
Kirkcaldy	a								
Leuchars	a								
Dundee	a								
Arbroath	a								
Montrose	a								
Stonehaven	a								
Aberdeen	a								
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		5S26	1A50	5H10	5S27	1A51	5S28	5D26	5Y14
departing		2147	1945	2033	2225	2015	2302	2129	2105
to		XCN	KGX	XDR	XCN	KGX	XCN	XDR	YRK

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1N30	1D28	1N31	1D29	1B90	1N32	1D30	1N33
RSID		4647	2627	4667	2647	2667	4687	2687	4707
Days Run									
Power Type		91	A9	A9	91	A5	91	91	91
London King's Cross	d	1830	1833	1900	1903	1906	1930	1933	2000
Stevenage	d		1855			1928		1955	
Peterborough	d	1918			1951	1959	2018		2048
Grantham	d		1942			2021		2041	
Newark North Gate	d	1947				2036	2046		2116
Lincoln Central	a					2103			
Retford	d		2006						
Doncaster	d	2012	2022		2042		2112	2114	2140
Wakefield Westgate	a		2039		2059			2130	
Leeds	a		2054		2117			2145	
Leeds	d		2105					2158	
Shipley	a							22s09	
Bradford Forster Square	a							2220	
Keighley	a								
Skipton	a								
Horsforth	a		2113						
Harrogate	a		2135						
Selby	a								
Brough	a								
Hull	a								
York	a	2033		2048			2133		2202
York	d	2035		2054			2135		2205
Northallerton	a	2054					2154		
Darlington	d	2109		2123			2209		2234
Durham	a	2125					2225		2250
Newcastle	a	2142		2152			2241		2306
Newcastle	d								
Sunderland M	a								
Morpeth	a								
Alnmouth	a								
Berwick-upon-Tweed	a								
Dunbar	a								
Edinburgh Waverley	a								
Edinburgh Waverley	d								
Haymarket	a								
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a								
Kirkcaldy	a								
Leuchars	a								
Dundee	a								
Arbroath	a								
Montrose	a								
Stonehaven	a								
Aberdeen	a								
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		5N30	5D28	5N31	5D29	5B90	5N32	5D30	5N33
departing		2158	2141	2205	2140	2116	2251	2242	2326
to		XHT	XLN	XHT	XLN	XLN	XHT	XLN	XHT

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1D31	1D32	1N34	1D34
RSID		2707	2727	4727	2767
Days Run					
Power Type		91	A10	A10	A9
London King's Cross	d	2003	2030	2100	2200
Stevenage	d				
Peterborough	d	2052	2118	2148	2248
Grantham	d	2112	2138		2307
Newark North Gate	d		2151		2320
Lincoln Central	a				
Retford	d		2207		2334
Doncaster	d	2145	2223		2350
Wakefield Westgate	a	2205	2240		0006
Leeds	a	2221	2257		0022
Leeds	d				
Shipley	a				
Bradford Forster Square	a				
Keighley	a				
Skipton	a				
Horsforth	a				
Harrogate	a				
Selby	a				
Brough	a				
Hull	a				
York	a			2256	
York	d			2258	
Northallerton	a			2317	
Darlington	d			2333	
Durham	a			2350	
Newcastle	a			0006	
Newcastle	d				
Sunderland M	a				
Morpeth	a				
Alnmouth	a				
Berwick-upon-Tweed	a				
Dunbar	a				
Edinburgh Waverley	a				
Edinburgh Waverley	d				
Haymarket	a				
Motherwell	a				
Glasgow Central	a				
Inverkeithing	a				
Kirkcaldy	a				
Leuchars	a				
Dundee	a				
Arbroath	a				
Montrose	a				
Stonehaven	a				
Aberdeen	a				
Falkirk Grahamston	a				
Stirling	a				
Gleneagles	a				
Perth	a				
Pitlochry	a				
Kingussie	a				
Aviemore	a				
Inverness	a				
Planned next working		5D31	5D32	5N34	5D34
departing		2241	2310	0014	0034
to		XNL	XDR	XHT	XNL

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1A55	1S03	1S04	1S05	1S07	1S08	1S09	1D07
RSID		6001	6041	6051	6061	6121	6141	6161	2121
Days Run									
Power Type		A9	A9	91	A9	A9	91	91	A5
London King's Cross	d						0848	0900	0903
Stevenage	d								0925
Peterborough	d								0955
Grantham	d								1014
Newark North Gate	d								1027
Lincoln Central	a								
Retford	d								
Doncaster	d					0937			1052
Wakefield Westgate	a								1108
Leeds	a								1124
Leeds	d				0830				1130
ShIPLEY	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a								
Harrogate	a								1156
Selby	a								
Brough	a								
Hull	a								
York	a				0855	0957	1034	1046	
York	d				0900	1000	1037	1050	
Northallerton	a				0918				
Darlington	d				0935	1029	1106	1119	
Durham	a				0951	1045	1122		
Newcastle	a				1009	1059	1137	1145	
Newcastle	d		0845	0915	1012	1102	1140	1152	
Sunderland M	a								
Morpeth	a		0858		1025		1153		
Alnmouth	a		0914		1042				
Berwick-upon-Tweed	a		0938	0957	1106	1144		1234	
Dunbar	a		1001		1132				
Edinburgh Waverley	a		1028	1045	1158	1229	1308	1319	
Edinburgh Waverley	d	0910							
Haymarket	a	0913							
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a	0931							
Kirkcaldy	a	0948							
Leuchars	a	1013							
Dundee	a	1028							
Arbroath	a	1046							
Montrose	a	1102							
Stonehaven	a	1126							
Aberdeen	a	1147							
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		1E23	1E12	1E14	1E16	1E97	5S08	1E18	5D07
departing		1347	1100	1200	1300	1320	1339	1400	1206
to		KGX	KGX	KGX	KGX	KGX	XCN	KGX	HDS

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1N09	1S10	1B82	1W11	1S91	1D09	1S12	1S13
RSID		4181	6181	2141	6201	6211	2161	6221	6241
Days Run									
Power Type		91	A9	A5	A9	A9	A10	91	91
London King's Cross	d	0922	0930	0933	1000	1003	1007	1030	1100
Stevenage	d			0955					
Peterborough	d	1010	1018	1025		1051	1057	1118	
Grantham	d			1045			1116		
Newark North Gate	d			1103			1130	1146	
Lincoln Central	a			1129					
Retford	d		1056						
Doncaster	d	1058	1111			1143	1155	1210	
Wakefield Westgate	a						1211		
Leeds	a						1228		
Leeds	d								
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a								
Harrogate	a								
Selby	a								
Brough	a								
Hull	a								
York	a	1118	1132		1147	1203		1231	1246
York	d	1121	1134		1155	1209		1235	1251
Northallerton	a							1253	
Darlington	d	1150	1203		1224	1239		1309	1320
Durham	a	1209	1220			1256		1325	
Newcastle	a	1226	1234		1251	1310		1339	1346
Newcastle	d		1238		1253	1315		1342	1349
Sunderland M	a								
Morpeth	a								
Alnmouth	a		1303						
Berwick-upon-Tweed	a				1337				1431
Dunbar	a		1346						
Edinburgh Waverley	a		1418		1420	1438		1508	1516
Edinburgh Waverley	d				1433				
Haymarket	a				1436				
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a				1453				
Kirkcaldy	a				1510				
Leuchars	a				1534				
Dundee	a				1550				
Arbroath	a				1607				
Montrose	a				1623				
Stonehaven	a				1647				
Aberdeen	a				1708				
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		1Y35	1E20	1B83	5W11	1E21	1A31	1E22	1E99
departing		1315	1500	1223	1727	1530	1305	1600	1620
to		KGX	KGX	KGX	XAC	KGX	KGX	KGX	KGX

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1D11	1S14	1S15	1B84	1W96	1D13	1N16	1S17
RSID		2221	6261	6281	2241	6301	2261	4321	6341
Days Run									
Power Type		A5	91	91	A5	A9	91	91	91
London King's Cross	d	1103	1122	1130	1133	1200	1203	1222	1230
Stevenage	d	1125			1155				
Peterborough	d	1155		1218			1251	1311	1318
Grantham	d	1214	1224		1242		1310		
Newark North Gate	d	1227			1258		1323		1346
Lincoln Central	a				1325				
Retford	d			1256					
Doncaster	d	1252		1311			1348	1359	1410
Wakefield Westgate	a	1308					1404		
Leeds	a	1324					1420		
Leeds	d	1332							
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a								
Harrogate	a	1358							
Selby	a								
Brough	a								
Hull	a								
York	a		1312	1332		1347		1419	1431
York	d		1315	1334		1350		1422	1433
Northallerton	a		1333						1452
Darlington	d		1348	1403		1419		1450	1507
Durham	a		1405	1420				1507	1524
Newcastle	a		1419	1434		1446		1523	1538
Newcastle	d		1423	1437		1450			1545
Sunderland M	a								
Morpeth	a		1436						
Alnmouth	a			1502					
Berwick-upon-Tweed	a					1535			
Dunbar	a								
Edinburgh Waverley	a		1556	1608		1618			1708
Edinburgh Waverley	d					1632			
Haymarket	a					1636			
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a								
Kirkcaldy	a								
Leuchars	a								
Dundee	a								
Arbroath	a								
Montrose	a								
Stonehaven	a								
Aberdeen	a								
Falkirk Grahamston	a					1701			
Stirling	a					1716			
Gleneagles	a					1734			
Perth	a					1753			
Pitlochry	a					1830			
Kingussie	a					1915			
Aviemore	a					1928			
Inverness	a					2009			
Planned next working		5D11	5S14	1E24	1B85	5W96	1A37	1Y42	1E26
departing		1408	1623	1700	1420	2030	1505	1606	1800
to		HDS	XCN	KGX	KGX	XIV	KGX	KGX	KGX



Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1D14	1S18	1D15	1S19	1D16	1W20	1D17	1S21
RSID		2301	6361	2321	6401	2341	6421	2361	6441
Days Run									
Power Type		A9	91	A5	91	A10	A9	A10	91
London King's Cross	d	1233	1300	1303	1330	1333	1400	1403	1430
Stevenage	d	1256		1325		1355			
Peterborough	d			1355	1418	1426		1452	1518
Grantham	d	1343		1415		1452		1511	
Newark North Gate	d			1428				1524	1546
Lincoln Central	a								
Retford	d				1456	1520			
Doncaster	d	1420		1454	1511	1536		1550	1610
Wakefield Westgate	a	1437		1510		1559		1606	
Leeds	a	1454		1524		1617		1623	
Leeds	d			1529					
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a								
Harrogate	a			1555					
Selby	a								
Brough	a								
Hull	a								
York	a		1449		1532		1547		1631
York	d		1453		1534		1553		1633
Northallerton	a								1653
Darlington	d		1522		1603		1622		1707
Durham	a				1620				1723
Newcastle	a		1550		1634		1648		1739
Newcastle	d		1553		1638		1652		1743
Sunderland M	a								
Morpeth	a								
Alnmouth	a				1703				
Berwick-upon-Tweed	a		1635				1735		
Dunbar	a								
Edinburgh Waverley	a		1720		1808		1818		1908
Edinburgh Waverley	d						1836		
Haymarket	a						1839		
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a						1854		
Kirkcaldy	a						1911		
Leuchars	a						1936		
Dundee	a						1951		
Arbroath	a						2009		
Montrose	a						2025		
Stonehaven	a						2049		
Aberdeen	a						2110		
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		5D14	1E27	5D15	1E28	1A41	5W20	1A43	5S21
departing		1516	1830	1606	1900	1645	2157	1716	1941
to		XNL	KGX	HDS	KGX	KGX	XAC	KGX	XCN

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1B86	1S22	1D19	1S23	1B88	1S24	1D21	1S25
RSID		2381	6461	2421	6501	2441	6521	2461	6541
Days Run									
Power Type		A5	91	A10	91	A5	91	A9	A9
London King's Cross	d	1435	1500	1503	1530	1533	1600	1605	1630
Stevenage	d	1457		1525		1555			
Peterborough	d			1555	1618	1625		1653	1718
Grantham	d			1614	1638	1651		1712	
Newark North Gate	d	1554		1627		1706		1726	1746
Lincoln Central	a	1622				1737			
Retford	d			1642					
Doncaster	d			1658	1712			1752	1810
Wakefield Westgate	a			1714				1808	
Leeds	a			1728				1826	
Leeds	d			1733					
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a								
Harrogate	a			1759					
Selby	a								
Brough	a								
Hull	a								
York	a		1647		1733		1746		1832
York	d		1652		1735		1749		1835
Northallerton	a								1853
Darlington	d		1721		1804		1820		1909
Durham	a				1821				1925
Newcastle	a		1747		1835		1847		1939
Newcastle	d		1750		1838		1850		1942
Sunderland M	a								
Morpeth	a								1955
Alnmouth	a				1904				
Berwick-upon-Tweed	a		1833				1932		
Dunbar	a								2048
Edinburgh Waverley	a		1918		2009		2019		2112
Edinburgh Waverley	d								2122
Haymarket	a								2125
Motherwell	a								2204
Glasgow Central	a								2226
Inverkeithing	a								
Kirkcaldy	a								
Leuchars	a								
Dundee	a								
Arbroath	a								
Montrose	a								
Stonehaven	a								
Aberdeen	a								
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		1B87	1E29	5D19	5S23	1B89	1E30	1A49	5S25
departing		1650	2000	1809	2040	1800	2100	1916	2246
to		KGX	DON	HDS	XCN	KGX	NCL	KGX	XPO

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1D22	1S26	1D23	1H10	1S27	1D24	1S28	1D26
RSID		2501	6561	2521	2541	6581	2561	6601	2601
Days Run									
Power Type		A10	91	A9	A5	91	A5	91	A9
London King's Cross	d	1635	1700	1705	1722	1730	1735	1800	1803
Stevenage	d	1657					1757		
Peterborough	d			1753		1818		1848	1852
Grantham	d	1741			1826	1837	1843		
Newark North Gate	d			1821	1839				1921
Lincoln Central	a								
Retford	d	1804							
Doncaster	d	1821		1845	1905	1910	1916		1950
Wakefield Westgate	a	1837		1903			1932		2006
Leeds	a	1855		1919			1949		2021
Leeds	d			1926					2031
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a			1934					2039
Harrogate	a			1958					2102
Selby	a				1922				
Brough	a				1945				
Hull	a				2002				
York	a		1847			1932		1954	
York	d		1850			1937		1959	
Northallerton	a								
Darlington	d		1919			2007		2028	
Durham	a					2023			
Newcastle	a		1946			2038		2055	
Newcastle	d		1951			2041		2100	
Sunderland M	a								
Morpeth	a					2054			
Alnmouth	a					2110			
Berwick-upon-Tweed	a		2034					2142	
Dunbar	a								
Edinburgh Waverley	a		2119			2215		2227	
Edinburgh Waverley	d								
Haymarket	a								
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a								
Kirkcaldy	a								
Leuchars	a								
Dundee	a								
Arbroath	a								
Montrose	a								
Stonehaven	a								
Aberdeen	a								
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		1A50	5S26	5D23	5H10	5S27	1A52	5S28	5D26
departing		1946	2142	2005	2037	2234	2045	2256	2110
to		KGX	XCN	XNL	XDR	XCN	KGX	XCN	XNL

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1N29	1S30	1D28	1S31	1D29	1B90	1N32	1D30
RSID		4651	6641	2621	6661	2641	2661	6681	2681
Days Run									
Power Type		91	91	A9	91	A9	A9	A9	91
London King's Cross	d	1827	1830	1835	1900	1903	1906	1930	1935
Stevenage	d			1857			1929		1957
Peterborough	d					1951	2001	2018	2027
Grantham	d			1941			2022		2047
Newark North Gate	d		1946			2019	2037	2047	
Lincoln Central	a						2103		
Retford	d			2004					
Doncaster	d		2010	2020		2044		2116	2121
Wakefield Westgate	a			2038		2102			2137
Leeds	a			2052		2119			2154
Leeds	d			2100					
Shipley	a								
Bradford Forster Square	a								
Keighley	a			21s19					
Skipton	a			2136					
Horsforth	a								
Harrogate	a								
Selby	a								
Brough	a								
Hull	a								
York	a	2018	2032		2047			2137	
York	d	2024	2036		2052			2139	
Northallerton	a		2055						
Darlington	d	2055	2110		2122			2220	
Durham	a	2111	2126					2237	
Newcastle	a	2127	2140		2150			2309	
Newcastle	d		2145		2152				
Sunderland M	a								
Morpeth	a				2206				
Alnmouth	a				2223				
Berwick-upon-Tweed	a		2227		2247				
Dunbar	a				2311				
Edinburgh Waverley	a		2312		2338				
Edinburgh Waverley	d								
Haymarket	a								
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a								
Kirkcaldy	a								
Leuchars	a								
Dundee	a								
Arbroath	a								
Montrose	a								
Stonehaven	a								
Aberdeen	a								
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		5N29	5S30	5D28	5S31	5D29	5B90	5N32	5D30
departing		2138	2350	2203	0006	2143	2156	2322	2205
to		XHT	XCN	XDR	XCN	XDR	XDR	XHT	XNL

Turnrounds at King's Cross are subject to change during Azuma rollout

Headcode		1N33	1D31	1D32	1N34	1D33	1D34	1N35	1N36
RSID		4701	2701	2721	4721	2731	2741	4741	2751
Days Run									
Power Type		91	A10	A9	A9	A10	91	A9	91
London King's Cross	d	2000	2005	2035	2100	2105	2135	2200	2205
Stevenage	d			2057			2157		
Peterborough	d	2048	2053	2127	2148	2153	2227	2248	2253
Grantham	d			2146			2248		2312
Newark North Gate	d			2159		2221	2301		2325
Lincoln Central	a								
Retford	d		2132				2317		
Doncaster	d		2148	2224		2250	2337	2343	2354
Wakefield Westgate	a		2205	2240		2308	2357		
Leeds	a		2221	2258		2326	0014		
Leeds	d								
Shipley	a								
Bradford Forster Square	a								
Keighley	a								
Skipton	a								
Horsforth	a								
Harrogate	a								
Selby	a								
Brough	a								
Hull	a								
York	a	2153			2257			0008	0019
York	d	2156			2302			0012	
Northallerton	a	2228			2336			00s45	
Darlington	d	2243			2350			00s59	
Durham	a	2300			0006			01s17	
Newcastle	a	2332			0038			0150	
Newcastle	d								
Sunderland M	a								
Morpeth	a								
Alnmouth	a								
Berwick-upon-Tweed	a								
Dunbar	a								
Edinburgh Waverley	a								
Edinburgh Waverley	d								
Haymarket	a								
Motherwell	a								
Glasgow Central	a								
Inverkeithing	a								
Kirkcaldy	a								
Leuchars	a								
Dundee	a								
Arbroath	a								
Montrose	a								
Stonehaven	a								
Aberdeen	a								
Falkirk Grahamston	a								
Stirling	a								
Gleneagles	a								
Perth	a								
Pitlochry	a								
Kingussie	a								
Aviemore	a								
Inverness	a								
Planned next working		5N33	5D31	5D32	5N34	5D33	5D34	5N35	1Y00
departing		2343	2234	2320	0058	2339	0027	0203	0440
to		XHT	XDR	XNL	XHT	XNL	XNL	XHT	KGX

Turnrounds at King's Cross are subject to change during Azuma rollout

<b>Headcode</b>		<b>1D36</b>
<b>RSID</b>		<b>2761</b>
<b>Days Run</b>		
<b>Power Type</b>		<b>A9</b>
<b>London King's Cross</b>	d	2235
Stevenage	d	
Peterborough	d	00s16
Grantham	d	00s45
Newark North Gate	d	00s57
Lincoln Central	a	
Retford	d	
Doncaster	d	01s24
Wakefield Westgate	a	
<b>Leeds</b>	a	0133
Leeds	d	
Shipley	a	
Bradford Forster Square	a	
Keighley	a	
Skipton	a	
Horsforth	a	
Harrogate	a	
Selby	a	
Brough	a	
Hull	a	
<b>York</b>	a	
<b>York</b>	d	
Northallerton	a	
Darlington	d	
Durham	a	
<b>Newcastle</b>	a	
<b>Newcastle</b>	d	
Sunderland <b>M</b>	a	
Morpeth	a	
Alnmouth	a	
Berwick-upon-Tweed	a	
Dunbar	a	
<b>Edinburgh Waverley</b>	a	
Edinburgh Waverley	d	
Haymarket	a	
Motherwell	a	
Glasgow Central	a	
Inverkeithing	a	
Kirkcaldy	a	
Leuchars	a	
Dundee	a	
Arbroath	a	
Montrose	a	
Stonehaven	a	
Aberdeen	a	
Falkirk Grahamston	a	
Stirling	a	
Gleneagles	a	
Perth	a	
Pitlochry	a	
Kingussie	a	
Aviemore	a	
Inverness	a	
<b>Planned next working</b>		<b>5D36</b>
<b>departing</b>		<b>0143</b>
<b>to</b>		<b>XNL</b>

Planned previous working from arriving	1N36	1N36	5A01	5A02	5Y03	5A04	5Y05	3A06
	KGX	KGX	XNL	XNL	XHT	XNL	XHT	XDR
	0017	0131	0436	0442	0352	0531	0449	0613
Headcode	1Y00	1Y00	1A01	1A02	1Y03	1A04	1Y05	1A06
RSID	3000	3000	1020	1040	3010	1060	3020	1080
Days Run	MO	MX						
Power Type	91	91	91	A9	91	A10	91	A10
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d							
Falkirk Grahamston	d							
Aberdeen	d							
Stonehaven	d							
Montrose	d							
Arbroath	d							
Dundee	d							
Leuchars	d							
Kirkcaldy	d							
Inverkeithing	d							
Glasgow Central	d							
Motherwell	d							
Haymarket	d							
Edinburgh Waverley	a							
Edinburgh Waverley	d							
Dunbar	d							
Berwick-upon-Tweed	d							
Alnmouth	d							
Morpeth	d							
Sunderland M	d							
Newcastle	a							
Newcastle	d				0444		0526	
Durham	d				0459		0539	
Darlington	d				0517		0558	
Northallerton	d				0528		0609	
York	a				0557		0629	
York	d	0440	0440		0559		0631	
Hull	d							
Brough	d							
Selby	d							
Harrogate	d							
Horsforth	d							
Skipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a							
Leeds	d			0505	0530		0605	0640
Wakefield Westgate	d			0518	0543		0618	0653
Doncaster	d	0507	0507	0537	0602	0622	0637	0654
Retford	d			0551			0651	
Lincoln Central	d							
Newark North Gate	d	0536	0536	0606	0626	0646	0706	0737
Grantham	d	0549	0549	0618	0638	0658	0718	0726
Peterborough	d	0610	0610	0640	0700	0719	0740	0749
Stevenage	a							
London King's Cross	a	0701	0701	0730	0749	0810	0831	0839
								0851

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	3A07 XNL 0606	3Y08 XHT 0525	3B81 XDR 0709	5A09 XNL 0647	3A12 XDR 0642	5Y11 XHT 0610	3A13 XNL 0623	3Y14 XHT 0542
Headcode	1A07	1Y08	1B81	1A09	1A12	1Y11	1A13	1Y14
RSID	1100	3040	1120	1140	1160	3060	1180	3100
Days Run								
Power Type	A9	A9	A9	91	A9	A9	91	91
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d							
Falkirk Grahamston	d							
Aberdeen	d							
Stonehaven	d							
Montrose	d							
Arbroath	d							
Dundee	d							
Leuchars	d							
Kirkcaldy	d							
Inverkeithing	d							
Glasgow Central	d							
Motherwell	d							
Haymarket	d							
Edinburgh Waverley	a							
Edinburgh Waverley	d							
Dunbar	d							
Berwick-upon-Tweed	d							0600
Alnmouth	d							0621
Morpeth	d							0638
Sunderland M	d	0540						
Newcastle	a	0556						0652
Newcastle	d	0559				0630		0655
Durham	d	0612				0643		0708
Darlington	d	0632				0702		0732
Northallerton	d					0714		
York	a	0659				0734		0759
York	d	0701				0737		0802
Hull	d				0658			
Brough	d				0712			
Selby	d				0735			
Harrogate	d							
Horsforth	d							
Skipton	d						0655	
Keighley	d						07u07	
Bradford Forster Square	d	0630						
Shipley	d	06u37					07u18	
Leeds	a	0652					0733	
Leeds	d	0700		0715			0741	
Wakefield Westgate	d	0713		0728			0754	
Doncaster	d			0747	0755		0814	
Retford	d							0835
Lincoln Central	d		0730					
Newark North Gate	d		0758		0821		0839	
Grantham	d			0818	0833			
Peterborough	d	0812	0829			0844	0908	
Stevenage	a		0858	0903				
London King's Cross	a	0859	0909	0926	0931	0951	0937	1000
							1003	

Turnrounds at King's Cross are subject to change during Azuma rollout



Planned previous working from arriving	5E01 XCN 0500	3A15 XNL 0721	5E02 XCN 0508	3E03 XCN 0504	1D01 KGX 0820	1D02 KGX 0850	5E04 XCN 0632	5E05 XCN 0701
Headcode	1E01	1A15	1E02	1E03	1A18	1A19	1E04	1E05
RSID	5080	1200	5120	5140	1220	1240	5160	5180
Days Run								
Power Type	91	A9	91	91	A10	91	91	91
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d			0526				
Falkirk Grahamston	d			0542				
Aberdeen	d							
Stonehaven	d							
Montrose	d							
Arbroath	d							
Dundee	d							
Leuchars	d							
Kirkcaldy	d							
Inverkeithing	d							
Glasgow Central	d							
Motherwell	d							
Haymarket	d			0613				
Edinburgh Waverley	a			0617				
Edinburgh Waverley	d	0540	0548	0624			0656	0730
Dunbar	d		0610					
Berwick-upon-Tweed	d		0634	0708				0812
Alnmouth	d		0656					
Morpeth	d		0712					
Sunderland M	d							
Newcastle	a	0702	0726	0752			0824	0855
Newcastle	d	0705	0729	0759			0827	0858
Durham	d		0743				0840	
Darlington	d		0802	0828			0859	0927
Northallerton	d						0910	
York	a		0829	0855			0930	0954
York	d		0831	0858			0932	0957
Hull	d							
Brough	d							
Selby	d							
Harrogate	d	0734						
Horsforth	d	0753						
Skipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a	0804						
Leeds	d	0815			0845	0915		
Wakefield Westgate	d	0830			0859	0929		
Doncaster	d	0849	0856		0919	0948	0955	
Retford	d							
Lincoln Central	d							
Newark North Gate	d		0920				1019	
Grantham	d	0921				1019		
Peterborough	d		0950		1010		1049	
Stevenage	a	1005				1103		
London King's Cross	a	0940	1031	1039	1049	1101	1131	1139 1149

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	1D03 KGX 0914	1N80 KGX 0925	5A22 HDS 0927	5E06 XPO 0621	1S00 NCL 0805	1D05 KGX 1014	5B83 XTT 1116	1D06 KGX 1045
Headcode	1A20	1Y82	1A22	1E06	1E07	1A25	1B83	1A26
RSID	1260	3200	1280	5220	5240	1300	1320	1340
Days Run								
Power Type	91	91	A10	A9	A9	91	A5	A9
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d							
Falkirk Grahamston	d							
Aberdeen	d							
Stonehaven	d							
Montrose	d							
Arbroath	d							
Dundee	d							
Leuchars	d							
Kirkcaldy	d							
Inverkeithing	d							
Glasgow Central	d			0648				
Motherwell	d			0705				
Haymarket	d			0748				
Edinburgh Waverley	a			0752				
Edinburgh Waverley	d			0800	0830			
Dunbar	d							
Berwick-upon-Tweed	d				0912			
Alnmouth	d			0900				
Morpeth	d							
Sunderland M	d							
Newcastle	a			0927	0956			
Newcastle	d			0929	0958			
Durham	d			0943				
Darlington	d			1002	1028			
Northallerton	d							
York	a			1029	1055			
York	d	1002		1032	1057			
Hull	d							
Brough	d							
Selby	d							
Harrogate	d		0936					
Horsforth	d		0954					
Skipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a		1005					
Leeds	d	0945		1015		1045		1115
Wakefield Westgate	d	0958		1028		1058		1128
Doncaster	d	1018	1025	1047	1057	1119		1147
Retford	d		1039					
Lincoln Central	d						1127	
Newark North Gate	d		1055		1121		1156	
Grantham	d		1107	1118			1208	1218
Peterborough	d	1110	1129		1150	1210	1230	
Stevenage	a		1157	1202			1258	1302
London King's Cross	a	1159	1223	1230	1240	1249	1301	1323

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	5E08 XCN 0842	5E09 XCN 0900	1D07 KGX 1114	1N81 KGX 1128	5A29 HDS 1122	1S01 DON 0919	5E11 XAC 0645	1D09 KGX 1214
Headcode	1E08	1E09	1A28	1Y84	1A29	1E10	1E11	1A30
RSID	5260	5280	1360	3300	1380	5300	5320	1400
Days Run								
Power Type	91	91	A10	A10	A10	A9	A9	A10
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d							
Falkirk Grahamston	d							
Aberdeen	d						0752	
Stonehaven	d						0810	
Montrose	d						0833	
Arbroath	d						0849	
Dundee	d						0908	
Leuchars	d						0922	
Kirkcaldy	d						0947	
Inverkeithing	d						1003	
Glasgow Central	d							
Motherwell	d							
Haymarket	d						1020	
Edinburgh Waverley	a						1025	
Edinburgh Waverley	d	0900	0930			1000	1030	
Dunbar	d							
Berwick-upon-Tweed	d		1012				1112	
Alnmouth	d					1100		
Morpeth	d							
Sunderland M	d							
Newcastle	a	1024	1055			1127	1156	
Newcastle	d	1026	1058			1129	1158	
Durham	d	1039				1143		
Darlington	d	1059	1127			1202	1228	
Northallerton	d	1110						
York	a	1130	1154			1229	1255	
York	d	1132	1158		1202	1232	1257	
Hull	d							
Brough	d							
Selby	d							
Harrogate	d				1136			
Horsforth	d							
Skipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a				1207			
Leeds	d			1145		1215		1245
Wakefield Westgate	d			1158		1228		1258
Doncaster	d	1155		1219	1225	1247	1257	1319
Retford	d				1240			
Lincoln Central	d							
Newark North Gate	d	1219			1255	1321		
Grantham	d				1307	1318		
Peterborough	d	1248		1310	1329	1350		1410
Stevenage	a				1357	1403		
London King's Cross	a	1339	1349	1401	1423	1431	1439	1450
								1501

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	5B85 XTT 1306	1D10 KGX 1246	1S03 NCL 1029	5E13 XIV 2155	1D11 KGX 1314	1N83 KGX 1327	5A34 HDS 1320	1S05 KGX 1120
Headcode	1B85	1A31	1E12	1E13	1A33	1Y86	1A34	1E14
RSID	1420	1440	5340	5360	1460	3380	1480	5420
Days Run								
Power Type	A5	91	A10	A9	91	A9	A9	A9
Inverness	d			0755				
Aviemore	d			0832				
Kingussie	d			0845				
Pitlochry	d			0928				
Perth	d			0958				
Gleneagles	d			1015				
Stirling	d			1034				
Falkirk Grahamston	d			1049				
Aberdeen	d							
Stonehaven	d							
Montrose	d							
Arbroath	d							
Dundee	d							
Leuchars	d							
Kirkcaldy	d							
Inverkeithing	d							
Glasgow Central	d							
Motherwell	d							
Haymarket	d			1117				
Edinburgh Waverley	a			1121				
Edinburgh Waverley	d		1100	1130				1200
Dunbar	d							
Berwick-upon-Tweed	d							
Alnmouth	d							1300
Morpeth	d							
Sunderland M	d							
Newcastle	a		1224	1253				1327
Newcastle	d		1227	1256				1329
Durham	d		1240					1343
Darlington	d		1300	1327				1402
Northallerton	d		1311					
York	a		1331	1354				1429
York	d		1333	1358		1402		1432
Hull	d							
Brough	d							
Selby	d							
Harrogate	d						1336	
Horsforth	d							
Skipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a						1406	
Leeds	d		1315		1345		1415	
Wakefield Westgate	d		1328		1358		1428	
Doncaster	d		1347	1356	1419	1426	1447	1456
Retford	d					1441		
Lincoln Central	d	1324						
Newark North Gate	d	1354		1420		1456		1520
Grantham	d	1406	1418			1508	1518	
Peterborough	d	1429		1450	1510	1530		1549
Stevenage	a	1457	1503			1558	1603	
London King's Cross	a	1523	1531	1541	1550	1601	1623	1639

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	5E15 XAC 0917	1D13 KGX 1414	5B87 XTT 1516	1D14 KGX 1446	1S06 KGX 1208	1S07 KGX 1218	1D15 KGX 1514	1N85 KGX 1527
Headcode	1E15	1A36	1B87	1A37	1E16	1E17	1A39	1Y88
RSID	5440	1500	1520	1540	5480	5500	1560	3520
Days Run								
Power Type	A9	A10	A5	91	91	91	91	91
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d							
Falkirk Grahamston	d							
Aberdeen	d	0952						
Stonehaven	d	1010						
Montrose	d	1033						
Arbroath	d	1049						
Dundee	d	1108						
Leuchars	d	1124						
Kirkcaldy	d	1149						
Inverkeithing	d	1205						
Glasgow Central	d							
Motherwell	d							
Haymarket	d	1222						
Edinburgh Waverley	a	1226						
Edinburgh Waverley	d	1230			1300	1330		
Dunbar	d							
Berwick-upon-Tweed	d	1313				1413		
Alnmouth	d							
Morpeth	d							
Sunderland M	d							
Newcastle	a	1356			1423	1456		
Newcastle	d	1359			1426	1459		
Durham	d				1439			
Darlington	d	1428			1459	1527		
Northallerton	d				1510			
York	a	1455			1530	1554		
York	d	1458			1532	1557		1603
Hull	d							
Brough	d							
Selby	d							
Harrogate	d							
Horsforth	d							
Skipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a							
Leeds	d		1445		1515		1545	
Wakefield Westgate	d		1458		1528		1558	
Doncaster	d		1519		1547	1556	1617	1626
Retford	d							1641
Lincoln Central	d			1527				
Newark North Gate	d			1556		1620		1656
Grantham	d			1608	1618			1708
Peterborough	d		1610	1630		1649	1710	1730
Stevenage	a			1658	1702			1758
London King's Cross	a	1650	1701	1723	1731	1740	1751	1801
							1801	1825

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	5A40 HDS 1520	1S08 KGX 1307	1S09 KGX 1318	1D17 KGX 1614	5B89 XTT 1723	1D18 KGX 1649	1S10 KGX 1411	5E21 XCN 1506
Headcode	1A40	1E18	1E19	1A41	1B89	1A43	1E20	1E21
RSID	1580	5540	5560	1600	1620	1640	5600	5620
Days Run								
Power Type	A9	91	91	91	A5	A10	91	91
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d							
Falkirk Grahamston	d							
Aberdeen	d							
Stonehaven	d							
Montrose	d							
Arbroath	d							
Dundee	d							
Leuchars	d							
Kirkcaldy	d							
Inverkeithing	d							
Glasgow Central	d							
Motherwell	d							
Haymarket	d							
Edinburgh Waverley	a							
Edinburgh Waverley	d	1400	1430				1500	1530
Dunbar	d							
Berwick-upon-Tweed	d		1512					1612
Alnmouth	d	1500						
Morpeth	d	1515						
Sunderland M	d							
Newcastle	a	1530	1556				1623	1656
Newcastle	d	1532	1559				1627	1659
Durham	d	1545					1640	
Darlington	d	1604	1628				1659	1728
Northallerton	d						1710	
York	a	1631	1656				1730	1754
York	d	1634	1658				1732	1758
Hull	d							
Brough	d							
Selby	d							
Harrogate	d	1536						
Horsforth	d							
Skipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a	1607						
Leeds	d	1615		1645		1714		
Wakefield Westgate	d	1628		1658		1727		
Doncaster	d	1647	1657	1718		1746	1756	
Retford	d					1800		
Lincoln Central	d				1727			
Newark North Gate	d		1720		1754		1820	
Grantham	d	1719			1806	1823		
Peterborough	d		1750	1809	1829		1849	
Stevenage	a	1804			1858	1906		
London King's Cross	a	1831	1839	1849	1901	1923	1932	1940 1955

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	1D19 KGX 1714	1N87 KGX 1725	5A46 HDS 1720	1S12 KGX 1514	1S13 KGX 1517	1D21 KGX 1814	1D22 KGX 1850	1S15 KGX 1613
Headcode	1A45	1Y90	1A46	1E22	1E23	1A48	1A49	1E24
RSID	1660	3640	1680	5660	5680	1700	1720	5700
Days Run								
Power Type	A9	A10	A10	91	91	A10	A9	91
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d							
Falkirk Grahamston	d							
Aberdeen	d							
Stonehaven	d							
Montrose	d							
Arbroath	d							
Dundee	d							
Leuchars	d							
Kirkcaldy	d							
Inverkeithing	d							
Glasgow Central	d							
Motherwell	d							
Haymarket	d							
Edinburgh Waverley	a							
Edinburgh Waverley	d			1600	1630			1700
Dunbar	d							
Berwick-upon-Tweed	d				1712			
Alnmouth	d							1800
Morpeth	d							
Sunderland M	d							
Newcastle	a			1722	1755			1827
Newcastle	d			1727	1758			1829
Durham	d			1740				1842
Darlington	d			1759	1826			1901
Northallerton	d			1810				
York	a			1830	1853			1928
York	d	1802		1832	1858			1931
Hull	d							
Brough	d							
Selby	d							
Harrogate	d		1736					
Horsforth	d							
Skipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a		1806					
Leeds	d	1745	1815			1845	1916	
Wakefield Westgate	d	1758	1828			1858	1929	
Doncaster	d	1819	1825	1847	1855	1919	1948	1954
Retford	d		1840					
Lincoln Central	d							
Newark North Gate	d		1855	1919				2017
Grantham	d		1908	1919			2020	
Peterborough	d	1910	1930	1950		2010		2046
Stevenage	a		1958	2002	2018	2028	2105	2114
London King's Cross	a	2001	2023	2027	2046	2053	2059	2131

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	1D23 KGX 1915	5E25 XAC 1421	5B91 XTT 1945	1D25 KGX 2015	1H10 KGX 2003	1S18 KGX 1721	5E29 XCN 1841	3E30 XAC 1801
Headcode	1A50	1E25	1B91	1A52	1J10	1E27	1E29	1E30
RSID	1740	5720	1750	1780	1790	5740	5820	5800
Days Run								
Power Type	A10	A9	A5	A10	A9	91	91	A9
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d							
Falkirk Grahamston	d							
Aberdeen	d	1452						1818
Stonehaven	d	1510						1836
Montrose	d	1533						1859
Arbroath	d	1549						1915
Dundee	d	1608						1934
Leuchars	d	1622						1948
Kirkcaldy	d	1648						2013
Inverkeithing	d	1705						2029
Glasgow Central	d							
Motherwell	d							
Haymarket	d	1722						2046
Edinburgh Waverley	a	1726						2050
Edinburgh Waverley	d	1730				1830	1936	2100
Dunbar	d	1752				1854		2124
Berwick-upon-Tweed	d	1816				1920	2018	2148
Alnmouth	d					1943	2040	2211
Morpeth	d					2000	2057	2228
Sunderland M	d							
Newcastle	a	1900				2014	2112	2242
Newcastle	d	1902				2017	2115	2245
Durham	d					2030	2129	2259
Darlington	d	1932				2049	2148	2320
Northallerton	d						2159	23s46
York	a	1959				2116	2220	0014
York	d	2001				2119	2225	0016
Hull	d				2029			
Brough	d				2042			
Selby	d				2104			
Harrogate	d							
Horsforth	d							
Skipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a							0045
Leeds	d	1945			2045			
Wakefield Westgate	d	1958			2058			
Doncaster	d	2017	2027		2117	21a23	2142	2248
Retford	d				2132			2302
Lincoln Central	d			2025				
Newark North Gate	d			2051		2205	2317	
Grantham	d			2104	2155	2217	2329	
Peterborough	d	2107	2116	2128	2216	2239	2356	
Stevenage	a		2144	2158	2244	2307	00s37	
London King's Cross	a	2159	2210	2224	2309	2332	0113	

Turnrounds at King's Cross are subject to change during Azuma rollout



Planned previous working	1S25
from	KGX
arriving	2112
<b>Headcode</b>	<b>1E31</b>
<b>RSID</b>	<b>5840</b>
<b>Days Run</b>	<b>FO</b>
<b>Power Type</b>	<b>91</b>
Inverness	d
Aviemore	d
Kingussie	d
Pitlochry	d
Perth	d
Gleneagles	d
Stirling	d
Falkirk Grahamston	d
Aberdeen	d
Stonehaven	d
Montrose	d
Arbroath	d
Dundee	d
Leuchars	d
Kirkcaldy	d
Inverkeithing	d
Glasgow Central	d
Motherwell	d
Haymarket	d
Edinburgh Waverley	a
<b>Edinburgh Waverley</b>	d 2200
Dunbar	d 2222
Berwick-upon-Tweed	d 2246
Alnmouth	d 2309
Morpeth	d 2326
Sunderland <b>M</b>	d
<b>Newcastle</b>	a 2354
<b>Newcastle</b>	d
Durham	d
Darlington	d
Northallerton	d
<b>York</b>	a
<b>York</b>	d
Hull	d
Brough	d
Selby	d
Harrogate	d
Horsforth	d
Skipton	d
Keighley	d
Bradford Forster Square	d
Shipley	d
Leeds	a
<b>Leeds</b>	d
Wakefield Westgate	d
Doncaster	d
Retford	d
Lincoln Central	d
Newark North Gate	d
Grantham	d
Peterborough	d
Stevenage	a
<b>London King's Cross</b>	a

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	1N36	5A01	5A02	5Y03	5A04	5Y05	3A06	3A07
	KGX	XNL	XNL	XHT	XNL	XHT	XDR	XNL
	0131	0438	0509	0412	0516	0449	0611	0606
<b>Headcode</b>	<b>1Y00</b>	<b>1A01</b>	<b>1A02</b>	<b>1Y03</b>	<b>1A04</b>	<b>1Y05</b>	<b>1A06</b>	<b>1A07</b>
<b>RSID</b>	<b>3007</b>	<b>1027</b>	<b>1047</b>	<b>3017</b>	<b>1067</b>	<b>3027</b>	<b>1087</b>	<b>1107</b>
<b>Days Run</b>								
<b>Power Type</b>	<b>91</b>	<b>91</b>	<b>A9</b>	<b>91</b>	<b>A10</b>	<b>91</b>	<b>A10</b>	<b>91</b>
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d							
Falkirk Grahamston	d							
Aberdeen	d							
Stonehaven	d							
Montrose	d							
Arbroath	d							
Dundee	d							
Leuchars	d							
Kirkcaldy	d							
Inverkeithing	d							
Glasgow Central	d							
Motherwell	d							
Haymarket	d							
Edinburgh Waverley	a							
<b>Edinburgh Waverley</b>	d							
Dunbar	d							
Berwick-upon-Tweed	d							
Alnmouth	d							
Morpeth	d							
Sunderland <b>M</b>	d							
<b>Newcastle</b>	a							
<b>Newcastle</b>	d			0444		0526		
Durham	d			0459		0539		
Darlington	d			0517		0558		
Northallerton	d			0528		0609		
<b>York</b>	a			0557		0629		
<b>York</b>	d	0440		0559		0631		
Hull	d							
Brough	d							
Selby	d							
Harrogate	d							
Horsforth	d							
Skipton	d							
Keighley	d							
Bradford Forster Square	d							0630
Shipley	d							06u37
Leeds	a							0652
<b>Leeds</b>	d		0505	0530		0605	0640	0700
Wakefield Westgate	d		0518	0543		0618	0653	0713
Doncaster	d	0507	0537	0603	0622	0637	0654	0714
Retford	d		0551			0651		
Lincoln Central	d							
Newark North Gate	d	0535	0606	0627	0646	0706	0737	
Grantham	d	0548	0618	0640	0658	0718	0726	
Peterborough	d	0610	0639	0703	0719	0740	0749	
Stevenage	a							
<b>London King's Cross</b>	a	0700	0730	0753	0810	0830	0839	0853 0901

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	5Y08 XHT 0522	3B81 XDR 0709	5A09 XNL 0647	5Y11 XHT 0554	3A12 XDR 0648	3A13 XNL 0623	5Y14 XHT 0634	3A15 XNL 0721
Headcode	1Y08	1B81	1A09	1Y11	1A12	1A13	1Y14	1A15
RSID	3047	1127	1147	3067	1167	1187	3107	1207
Days Run								
Power Type	A9	A9	91	A9	A9	A9	91	A9
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d							
Falkirk Grahamston	d							
Aberdeen	d							
Stonehaven	d							
Montrose	d							
Arbroath	d							
Dundee	d							
Leuchars	d							
Kirkcaldy	d							
Inverkeithing	d							
Glasgow Central	d							
Motherwell	d							
Haymarket	d							
Edinburgh Waverley	a							
Edinburgh Waverley	d							
Dunbar	d							
Berwick-upon-Tweed	d							
Alnmouth	d							
Morpeth	d							
Sunderland M	d							
Newcastle	a							
Newcastle	d	0559		0630			0655	
Durham	d	0612		0643			0708	
Darlington	d	0632		0702			0727	
Northallerton	d			0714				
York	a	0659		0734			0754	
York	d	0701		0738			0757	
Hull	d				0658			
Brough	d				0712			
Selby	d				0735			
Harrogate	d							0735
Horsforth	d							0754
Kipton	d					0655		
Keighley	d					07u09		
Bradford Forster Square	d							
Shipley	d					07u19		
Leeds	a					0733		0807
Leeds	d			0715		0740		0815
Wakefield Westgate	d			0728				0830
Doncaster	d			0747		0758 0810		0849
Retford	d						0829	
Lincoln Central	d		0730					
Newark North Gate	d		0757			0825 0833		
Grantham	d			0818		0838		0921
Peterborough	d	0820	0829		0850	0900 0903		
Stevenage	a		0857	0903				1005
London King's Cross	a	0910	0923	0931	0939	0949 0955	1001	1031

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	5E02	5E03	1D01	1D02	5E04	5E05	1D03	1N80
	XCN	XCN	KGX	KGX	XCN	XCN	KGX	KGX
	0508	0602	0820	0850	0633	0703	0914	0925
Headcode	1E02	1E03	1A18	1A19	1E04	1E05	1A20	1Y82
RSID	5127	5147	1227	1247	5167	5187	1267	3207
Days Run								
Power Type	91	91	A10	91	91	91	91	91
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d							
Falkirk Grahamston	d							
Aberdeen	d							
Stonehaven	d							
Montrose	d							
Arbroath	d							
Dundee	d							
Leuchars	d							
Kirkcaldy	d							
Inverkeithing	d							
Glasgow Central	d							
Motherwell	d							
Haymarket	d							
Edinburgh Waverley	a							
Edinburgh Waverley	d	0548	0624		0655	0730		
Dunbar	d	0610						
Berwick-upon-Tweed	d	0634	0708			0812		
Alnmouth	d	0656						
Morpeth	d	0712						
Sunderland M	d							
Newcastle	a	0726	0755		0822	0855		
Newcastle	d	0729	0758		0827	0858		
Durham	d	0743			0840			
Darlington	d	0802	0828		0859	0927		
Northallerton	d				0910			
York	a	0829	0854		0930	0954		
York	d	0831	0857		0932	0957		1004
Hull	d							
Brough	d							
Selby	d							
Harrogate	d							
Horsforth	d							
Skipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a							
Leeds	d			0845	0915		0945	
Wakefield Westgate	d			0859	0929		0958	
Doncaster	d	0856		0919	0948	0955	1018	1031
Retford	d							1047
Lincoln Central	d							
Newark North Gate	d	0920				1019		1102
Grantham	d				1020			1114
Peterborough	d	0950		1009		1049	1110	1135
Stevenage	a				1103			1203
London King's Cross	a	1039	1049	1059	1131	1139	1148	1203
							1203	1231

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	5A22 HDS 0927	5E06 XPO 0623	1S00 NCL 0805	1D05 KGX 1014	5B83 XTT 1106	1D06 KGX 1045	5E08 XCN 0819	5E09 XCN 0905
<b>Headcode</b>	<b>1A22</b>	<b>1E06</b>	<b>1E07</b>	<b>1A25</b>	<b>1B83</b>	<b>1A26</b>	<b>1E08</b>	<b>1E09</b>
<b>RSID</b>	<b>1287</b>	<b>5227</b>	<b>5247</b>	<b>1307</b>	<b>1327</b>	<b>1347</b>	<b>5267</b>	<b>5287</b>
<b>Days Run</b>								
<b>Power Type</b>	<b>A10</b>	<b>A9</b>	<b>A9</b>	<b>91</b>	<b>A5</b>	<b>A9</b>	<b>91</b>	<b>91</b>
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d							
Falkirk Grahamston	d							
Aberdeen	d							
Stonehaven	d							
Montrose	d							
Arbroath	d							
Dundee	d							
Leuchars	d							
Kirkcaldy	d							
Inverkeithing	d							
Glasgow Central	d	0648						
Motherwell	d	0704						
Haymarket	d	0748						
Edinburgh Waverley	a	0752						
<b>Edinburgh Waverley</b>	d	0800	0830				0900	0930
Dunbar	d							
Berwick-upon-Tweed	d		0912					1012
Alnmouth	d	0901						
Morpeth	d							
Sunderland <b>M</b>	d							
<b>Newcastle</b>	a	0927	0956				1024	1056
<b>Newcastle</b>	d	0930	0959				1026	1058
Durham	d	0943					1039	
Darlington	d	1002	1029				1059	1128
Northallerton	d						1110	
<b>York</b>	a	1029	1056				1130	1155
<b>York</b>	d	1032	1059				1132	1158
Hull	d							
Brough	d							
Selby	d							
Harrogate	d	0936						
Horsforth	d	0954						
Skipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a	1005						
<b>Leeds</b>	d	1015		1045		1115		
Wakefield Westgate	d	1028		1058		1129		
Doncaster	d	1047	1057	1119		1148	1155	
Retford	d							
Lincoln Central	d				1127			
Newark North Gate	d		1121		1156		1219	
Grantham	d	1118			1208	1219		
Peterborough	d		1151	1211	1230		1248	
Stevenage	a	1207			1258	1303		
<b>London King's Cross</b>	a	1234	1246	1252	1300	1324	1331	1349

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	1D07	1N81	5A29	1S01	5E11	1D09	5B85	1D10
	KGX	KGX	HDS	DON	XAC	KGX	XTT	KGX
	1114	1127	1122	0917	0645	1214	1304	1247
Headcode	1A28	1Y84	1A29	1E10	1E11	1A30	1B85	1A31
RSID	1367	3307	1387	5307	5327	1407	1427	1447
Days Run								
Power Type	A10	A10	A10	A9	A9	A10	A5	91
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d							
Falkirk Grahamston	d							
Aberdeen	d				0752			
Stonehaven	d				0810			
Montrose	d				0833			
Arbroath	d				0849			
Dundee	d				0908			
Leuchars	d				0922			
Kirkcaldy	d				0947			
Inverkeithing	d				1003			
Glasgow Central	d							
Motherwell	d							
Haymarket	d				1021			
Edinburgh Waverley	a				1026			
Edinburgh Waverley	d			1000	1030			
Dunbar	d							
Berwick-upon-Tweed	d				1112			
Alnmouth	d			1100				
Morpeth	d							
Sunderland M	d							
Newcastle	a			1127	1156			
Newcastle	d			1129	1158			
Durham	d			1143				
Darlington	d			1202	1228			
Northallerton	d							
York	a			1229	1255			
York	d		1203	1231	1257			
Hull	d							
Brough	d							
Selby	d							
Harrogate	d			1136				
Horsforth	d							
Skipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a			1207				
Leeds	d	1145		1215		1245		1315
Wakefield Westgate	d	1158		1228		1258		1328
Doncaster	d	1218	1226	1247	1255		1318	1347
Retford	d		1241					
Lincoln Central	d						1324	
Newark North Gate	d		1256		1319		1354	
Grantham	d		1308	1318			1406	1418
Peterborough	d	1310	1330		1350	1410	1429	
Stevenage	a		1358	1402			1457	1503
London King's Cross	a	1401	1423	1431	1439	1451	1501	1531

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	5E12	5E13	1D11	1N83	5A34	1S04	5E15	1D13
	XCN	XIV	KGX	KGX	HDS	KGX	XAC	KGX
	1039	2155	1314	1327	1320	1107	0917	1414
<b>Headcode</b>	<b>1E12</b>	<b>1E13</b>	<b>1A33</b>	<b>1Y86</b>	<b>1A34</b>	<b>1E14</b>	<b>1E15</b>	<b>1A36</b>
<b>RSID</b>	<b>5347</b>	<b>5367</b>	<b>1467</b>	<b>3387</b>	<b>1487</b>	<b>5427</b>	<b>5447</b>	<b>1507</b>
<b>Days Run</b>								
<b>Power Type</b>	<b>91</b>	<b>A9</b>	<b>A9</b>	<b>A9</b>	<b>A9</b>	<b>91</b>	<b>A9</b>	<b>A10</b>
Inverness	d	0755						
Aviemore	d	0832						
Kingussie	d	0845						
Pitlochry	d	0928						
Perth	d	0958						
Gleneagles	d	1015						
Stirling	d	1033						
Falkirk Grahamston	d	1048						
Aberdeen	d						0952	
Stonehaven	d						1010	
Montrose	d						1033	
Arbroath	d						1049	
Dundee	d						1108	
Leuchars	d						1124	
Kirkcaldy	d						1149	
Inverkeithing	d						1205	
Glasgow Central	d							
Motherwell	d							
Haymarket	d	1114					1222	
Edinburgh Waverley	a	1119					1226	
<b>Edinburgh Waverley</b>	d	1100	1130			1200	1230	
Dunbar	d							
Berwick-upon-Tweed	d						1313	
Alnmouth	d					1300		
Morpeth	d							
Sunderland <b>M</b>	d							
<b>Newcastle</b>	a	1223	1253			1327	1356	
<b>Newcastle</b>	d	1227	1256			1329	1359	
Durham	d	1240				1343		
Darlington	d	1300	1325			1402	1428	
Northallerton	d	1311						
<b>York</b>	a	1331	1355			1429	1455	
<b>York</b>	d	1333	1357	1405		1432	1458	
Hull	d							
Brough	d							
Selby	d							
Harrogate	d				1336			
Horsforth	d							
Skipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a				1406			
<b>Leeds</b>	d		1345		1415		1445	
Wakefield Westgate	d		1358		1428		1458	
Doncaster	d	1356	1418	1430	1447	1455	1519	
Retford	d			1446				
Lincoln Central	d							
Newark North Gate	d	1420		1501		1518		
Grantham	d			1513	1518			
Peterborough	d	1449	1510	1534		1551	1612	
Stevenage	a			1602	1607			
<b>London King's Cross</b>	a	1539	1550	1601	1631	1634	1646	1652
								1701

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	5B87	1D14	1S06	1S07	1D15	1N85	5A40	1S08
	XTT	KGX	KGX	KGX	KGX	KGX	HDS	KGX
	1514	1446	1207	1224	1514	1527	1520	1307
Headcode	1B87	1A37	1E16	1E17	1A39	1Y88	1A40	1E18
RSID	1527	1547	5487	5507	1567	3527	1587	5547
Days Run								
Power Type	A5	91	91	91	91	91	A9	91
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d							
Falkirk Grahamston	d							
Aberdeen	d							
Stonehaven	d							
Montrose	d							
Arbroath	d							
Dundee	d							
Leuchars	d							
Kirkcaldy	d							
Inverkeithing	d							
Glasgow Central	d							
Motherwell	d							
Haymarket	d							
Edinburgh Waverley	a							
Edinburgh Waverley	d		1300	1330				1400
Dunbar	d							
Berwick-upon-Tweed	d			1413				
Alnmouth	d							1500
Morpeth	d							1515
Sunderland M	d							
Newcastle	a		1423	1456				1530
Newcastle	d		1426	1459				1532
Durham	d		1439					1545
Darlington	d		1459	1527				1604
Northallerton	d		1510					
York	a		1530	1554				1631
York	d		1532	1557		1602		1634
Hull	d							
Brough	d							
Selby	d							
Harrogate	d						1536	
Horsforth	d							
Skipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a							1607
Leeds	d		1515		1545			1615
Wakefield Westgate	d		1528		1558			1628
Doncaster	d		1547	1555	1619	1628	1649	1657
Retford	d					1643		
Lincoln Central	d	1524						
Newark North Gate	d	1554		1619		1658		1721
Grantham	d	1606	1619			1710	1721	
Peterborough	d	1629		1650		1710	1734	1751
Stevenage	a	1657	1702			1802	1806	
London King's Cross	a	1723	1731	1739	1749	1801	1829	1846

Turnrounds at King's Cross are subject to change during Azuma rollout



Planned previous working from arriving	1S09	1D17	5B89	1D18	1S10	5E21	1D19	1N87
	KGX	KGX	XTT	KGX	KGX	XCN	KGX	KGX
	1325	1614	1712	1649	1408	1446	1714	1723
Headcode	1E19	1A41	1B89	1A43	1E20	1E21	1A45	1Y90
RSID	5567	1607	1627	1647	5607	5627	1667	3647
Days Run								
Power Type	91	91	A5	A10	91	A9	A9	A10
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d							
Falkirk Grahamston	d							
Aberdeen	d							
Stonehaven	d							
Montrose	d							
Arbroath	d							
Dundee	d							
Leuchars	d							
Kirkcaldy	d							
Inverkeithing	d							
Glasgow Central	d							
Motherwell	d							
Haymarket	d							
Edinburgh Waverley	a							
Edinburgh Waverley	d	1430			1500	1530		
Dunbar	d							
Berwick-upon-Tweed	d	1511				1612		
Alnmouth	d							
Morpeth	d							
Sunderland M	d							
Newcastle	a	1555			1623	1656		
Newcastle	d	1557			1627	1659		
Durham	d				1640			
Darlington	d	1626			1659	1727		
Northallerton	d				1710			
York	a	1654			1730	1754		
York	d	1658			1732	1758		1802
Hull	d							
Brough	d							
Selby	d							
Harrogate	d							
Horsforth	d							
Skipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a							
Leeds	d		1645		1714		1745	
Wakefield Westgate	d		1658		1727		1758	
Doncaster	d		1720		1746	1755	1819	1825
Retford	d				1800			1839
Lincoln Central	d			1727				
Newark North Gate	d			1754		1819		1855
Grantham	d			1806	1823			1907
Peterborough	d		1810	1829		1851	1910	1930
Stevenage	a			1857	1908			1958
London King's Cross	a	1852	1901	1923	1933	1946	1949	2001
								2023

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	5A46 HDS 1720	1S12 KGX 1507	1S13 KGX 1525	1D21 KGX 1814	1D22 KGX 1851	1S15 KGX 1615	1D23 KGX 1915	5E25 ABD 1421
Headcode	1A46	1E22	1E23	1A48	1A49	1E24	1A50	1E25
RSID	1687	5667	5687	1707	1727	5707	1747	5727
Days Run								
Power Type	A10	91	91	A10	A9	91	A9	A9
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d							
Falkirk Grahamston	d							
Aberdeen	d							1452
Stonehaven	d							1510
Montrose	d							1533
Arbroath	d							1549
Dundee	d							1608
Leuchars	d							1623
Kirkcaldy	d							1648
Inverkeithing	d							1705
Glasgow Central	d							
Motherwell	d							
Haymarket	d							1721
Edinburgh Waverley	a							1726
<b>Edinburgh Waverley</b>	d	1600	1630			1700		1730
Dunbar	d							1752
Berwick-upon-Tweed	d		1712					1816
Alnmouth	d					1800		
Morpeth	d							
Sunderland <b>M</b>	d							
<b>Newcastle</b>	a	1723	1755			1826		1900
<b>Newcastle</b>	d	1727	1758			1829		1902
Durham	d	1740				1842		
Darlington	d	1759	1826			1901		1932
Northallerton	d	1810						
<b>York</b>	a	1830	1854			1928		1959
<b>York</b>	d	1832	1857			1931		2001
Hull	d							
Brough	d							
Selby	d							
Harrogate	d	1736						
Horsforth	d							
Skipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a	1806						
<b>Leeds</b>	d	1815		1845	1916		1945	
Wakefield Westgate	d	1828		1858	1929		1958	
Doncaster	d	1847	1855	1923	1948	1954	2017	2025
Retford	d							
Lincoln Central	d							
Newark North Gate	d		1919			2019		
Grantham	d	1919			2019			
Peterborough	d		1950	2015		2051	2105	2118
Stevenage	a	2003	2018	2028	2103	2119		2147
<b>London King's Cross</b>	a	2031	2046	2053	2109	2131	2144	2216

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	5B91 XTT 1947	1D24 KGX 1948	1S18 KGX 1728	1S19 KGX 1813	1S21 KGX 1908
Headcode	1B91	1A51	1E27	1E28	1E29
RSID	1757	1767	5747	5767	5787
Days Run					
Power Type	A5	91	91	A9	91
Inverness	d				
Aviemore	d				
Kingussie	d				
Pitlochry	d				
Perth	d				
Gleneagles	d				
Stirling	d				
Falkirk Grahamston	d				
Aberdeen	d				
Stonehaven	d				
Montrose	d				
Arbroath	d				
Dundee	d				
Leuchars	d				
Kirkcaldy	d				
Inverkeithing	d				
Glasgow Central	d				
Motherwell	d				
Haymarket	d				
Edinburgh Waverley	a				
Edinburgh Waverley	d		1830	1900	2000
Dunbar	d			1921	2022
Berwick-upon-Tweed	d		1912	1946	2047
Alnmouth	d			2008	2109
Morpeth	d			2025	2126
Sunderland M	d				
Newcastle	a		1957	2041	2143
Newcastle	d			2043	
Durham	d			2058	
Darlington	d			2118	
Northallerton	d			2131	
York	a			2155	
York	d			2157	
Hull	d				
Brough	d				
Selby	d				
Harrogate	d				
Horsforth	d				
Skipton	d				
Keighley	d				
Bradford Forster Square	d				
Shipley	d				
Leeds	a				
Leeds	d		2015		
Wakefield Westgate	d		2028		
Doncaster	d		2048	22a21	
Retford	d		2102		
Lincoln Central	d	2025			
Newark North Gate	d	2051	2117		
Grantham	d	2104	2129		
Peterborough	d	2128	2150		
Stevenage	a	2158			
London King's Cross	a	2224	2239		

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	5Y14 LDS 2210	5A15 XNL 0747	5Y16 XHT 0732	5A18 XNL 0822	5A19 XNL 0849	5Y19 XHT 0800	5Y20 XHT 0828	3A21 XDR 0920
Headcode	1Y14	1A15	1Y16	1A18	1A19	1Y19	1Y20	1A21
RSID	3021	1201	3031	1221	1241	3161	5181	1261
Days Run								
Power Type	91	91	A9	A5	91	91	91	A9
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d							
Falkirk Grahamston	d							
Aberdeen	d							
Stonehaven	d							
Montrose	d							
Arbroath	d							
Dundee	d							
Leuchars	d							
Kirkcaldy	d							
Inverkeithing	d							
Glasgow Central	d							
Motherwell	d							
Haymarket	d							
Edinburgh Waverley	a							
Edinburgh Waverley	d							
Dunbar	d							
Berwick-upon-Tweed	d							
Alnmouth	d							
Morpeth	d							
Sunderland M	d							
Newcastle	a							
Newcastle	d		0754			0825	0855	
Durham	d		0808			0838	0908	
Darlington	d		0827			0857	0928	
Northallerton	d							
York	a		0854			0925	0955	
York	d	0800	0858			0927	0957	
Hull	d							
Brough	d							
Selby	d							
Harrogate	d							
Horsforth	d							
Skipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a							
Leeds	d		0805	0840	0905			0940
Wakefield Westgate	d		0818	0855	0918			0953
Doncaster	d	0823	0837	0920	0938			
Retford	d		0851					1020
Lincoln Central	d							
Newark North Gate	d		0907		1002	1008		1040
Grantham	d		0919		1015	1020		
Peterborough	d	0911	0942	1005	1011	1036	1104	1109
Stevenage	a	0939			1104	1110		
London King's Cross	a	1006	1033	1054	1108	1133	1136	1158

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	3A22 XNL 0907	5Y23 XHT 0901	3B81 XDR 1023	5Y24 XHT 0933	3A25 XDR 1016	5A26 XNL 1033	5E08 XCN 0833	5E09 XCN 0904
Headcode	1A22	1Y23	1B81	1Y24	1A25	1A26	1E08	1E09
RSID	1281	3221	1291	3241	1301	1341	5261	5281
Days Run								
Power Type	A9	91	A5	A10	A10	91	91	91
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d							
Falkirk Grahamston	d							
Aberdeen	d							
Stonehaven	d							
Montrose	d							
Arbroath	d							
Dundee	d							
Leuchars	d							
Kirkcaldy	d							
Inverkeithing	d							
Glasgow Central	d							
Motherwell	d							
Haymarket	d							
Edinburgh Waverley	a							
Edinburgh Waverley	d						0900	0930
Dunbar	d							
Berwick-upon-Tweed	d							1013
Alnmouth	d							
Morpeth	d							
Sunderland M	d							
Newcastle	a						1023	1056
Newcastle	d		0925		1000		1027	1059
Durham	d		0938				1041	
Darlington	d		0957		1028		1100	1128
Northallerton	d		1008				1112	
York	a		1028		1055		1131	1155
York	d		1030		1058		1134	1158
Hull	d							
Brough	d							
Selby	d							
Harrogate	d	0915						
Horsforth	d	0933						
Skipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a	0946						
Leeds	d	1005				1045	1105	
Wakefield Westgate	d	1018				1058	1118	
Doncaster	d	1037	1053			1117	1139	1157
Retford	d	1052				1134		1211
Lincoln Central	d			1055				
Newark North Gate	d	1107	1117	1121			1203	
Grantham	d	1120		1133			1215	
Peterborough	d	1142	1151	1159	1206		1239	1251
Stevenage	a			1227			1307	
London King's Cross	a	1233	1240	1252	1255	1259	1333	1340
							1349	

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	1B82	3A29	5E10	5E11	1D09	1S03	5E95	5E13
	KGX	XDR	XCN	XCN	KGX	NCL	XCN	XCN
	1127	1106	0931	1007	1226	1026	1049	1056
Headcode	1B83	1A29	1E10	1E11	1A31	1E12	1E95	1E13
RSID	1361	1381	5301	5321	1441	5341	5351	5361
Days Run								
Power Type	A5	A10	91	A9	A10	A9	91	A9
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d							
Falkirk Grahamston	d							
Aberdeen	d							
Stonehaven	d							
Montrose	d							
Arbroath	d							
Dundee	d							
Leuchars	d							
Kirkcaldy	d							
Inverkeithing	d							
Glasgow Central	d							
Motherwell	d							
Haymarket	d							
Edinburgh Waverley	a							
Edinburgh Waverley	d		1000	1030		1100	1120	1130
Dunbar	d							
Berwick-upon-Tweed	d			1112				1212
Alnmouth	d		1100					
Morpeth	d						1234	
Sunderland M	d							
Newcastle	a		1127	1156		1223	1248	1256
Newcastle	d		1129	1158		1225	1251	1259
Durham	d		1142			1239	1305	
Darlington	d		1201	1227		1258	1324	1329
Northallerton	d					1310		
York	a		1228	1254		1329	1353	1357
York	d		1231	1256		1332	1356	1400
Hull	d							
Brough	d							
Selby	d							
Harrogate	d	1115						
Horsforth	d	1133						
Skipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a	1146						
Leeds	d	1205			1305			
Wakefield Westgate	d	1218			1318			
Doncaster	d	1237	1254		1337	1355		
Retford	d					1409		
Lincoln Central	d	1223						
Newark North Gate	d	1249	1301	1318	1400			
Grantham	d	1301	1313		1412			
Peterborough	d	1323	1334	1350	1434	1451		
Stevenage	a	1352			1502			
London King's Cross	a	1418	1423	1439	1445	1527	1540	1551

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	1B84 KGX 1323	5A34 HDS 1257	1N09 KGX 1224	1S04 NCL 1043	5E96 XCN 1146	5E15 XAC 0900	1D13 KGX 1418	5Y38 XHT 1344
Headcode	1B85	1A34	1Y35	1E14	1E96	1E15	1A37	1Y38
RSID	1461	1481	3401	5421	5431	5441	1541	3431
Days Run								
Power Type	A5	A5	91	91	91	A9	91	91
Inverness	d							
Aviemore	d							
Kingussie	d							
Pitlochry	d							
Perth	d							
Gleneagles	d							
Stirling	d							
Falkirk Grahamston	d							
Aberdeen	d					0947		
Stonehaven	d					1005		
Montrose	d					1028		
Arbroath	d					1044		
Dundee	d					1104		
Leuchars	d					1118		
Kirkcaldy	d					1143		
Inverkeithing	d					1159		
Glasgow Central	d							
Motherwell	d							
Haymarket	d					1218		
Edinburgh Waverley	a					1222		
Edinburgh Waverley	d			1200	1220	1230		
Dunbar	d							
Berwick-upon-Tweed	d					1313		
Alnmouth	d			1300				
Morpeth	d				1333			
Sunderland M	d							
Newcastle	a			1327	1347	1356		
Newcastle	d		1315	1329	1350	1359		1416
Durham	d		1328	1342	1403			1429
Darlington	d		1347	1401		1431		1449
Northallerton	d		1400					1502
York	a		1421	1428	1447	1458		1521
York	d		1424	1431	1450	1500		1524
Hull	d							
Brough	d							
Selby	d							
Harrogate	d	1315						
Horsforth	d							
Skipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a	1346						
Leeds	d	1405					1505	
Wakefield Westgate	d	1418					1518	
Doncaster	d	1437	1448	1454			1537	1547
Retford	d							
Lincoln Central	d	1420						
Newark North Gate	d	1446	1500	1518			1600	1610
Grantham	d	1458	1512		1540		1612	
Peterborough	d	1523	1534	1538	1551		1634	1642
Stevenage	a	1552					1702	
London King's Cross	a	1618	1623	1627	1640	1644	1651	1736

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	1S05	1S07	5E17	5A40	1S09	5E19	1B86	1D16
	LDS	DON	XIV	HDS	KGX	XAC	KGX	KGX
	1156	1227	2155	1527	1317	1105	1620	1615
<b>Headcode</b>	<b>1E16</b>	<b>1E97</b>	<b>1E17</b>	<b>1A40</b>	<b>1E18</b>	<b>1E19</b>	<b>1B87</b>	<b>1A41</b>
<b>RSID</b>	<b>5481</b>	<b>5491</b>	<b>5501</b>	<b>1581</b>	<b>5541</b>	<b>5561</b>	<b>1591</b>	<b>1601</b>
<b>Days Run</b>								
<b>Power Type</b>	<b>A9</b>	<b>A9</b>	<b>A9</b>	<b>A5</b>	<b>91</b>	<b>A9</b>	<b>A5</b>	<b>A10</b>
Inverness	d		0940					
Aviemore	d		1022					
Kingussie	d		1035					
Pitlochry	d		1127					
Perth	d		1201					
Gleneagles	d		1217					
Stirling	d		1237					
Falkirk Grahamston	d		1251					
Aberdeen	d					1147		
Stonehaven	d					1205		
Montrose	d					1228		
Arbroath	d					1244		
Dundee	d					1303		
Leuchars	d					1318		
Kirkcaldy	d					1344		
Inverkeithing	d					1405		
Glasgow Central	d							
Motherwell	d							
Haymarket	d		1313			1421		
Edinburgh Waverley	a		1319			1426		
<b>Edinburgh Waverley</b>	d	1300	1320	1330	1400	1430		
Dunbar	d							
Berwick-upon-Tweed	d	1343		1413				
Alnmouth	d				1500			
Morpeth	d							
Sunderland <b>M</b>	d							
<b>Newcastle</b>	a	1426	1445	1456	1528	1553		
<b>Newcastle</b>	d	1431	1451	1459	1531	1556		
Durham	d		1504		1544			
Darlington	d	1500	1523	1528	1603	1625		
Northallerton	d							
<b>York</b>	a	1527	1553	1558	1630	1652		
<b>York</b>	d	1530	1557	1601	1632	1659		
Hull	d							
Brough	d							
Selby	d							
Harrogate	d			1536				
Horsforth	d							
Kipton	d							
Keighley	d							
Bradford Forster Square	d							
Shipley	d							
Leeds	a			1605				
<b>Leeds</b>	d			1616				1645
Wakefield Westgate	d			1629				1658
Doncaster	d	1553		1648	1655			1719
Retford	d	1608						
Lincoln Central	d						1650	
Newark North Gate	d				1719		1723	1744
Grantham	d			1719			1735	
Peterborough	d	1651			1751		1804	1814
Stevenage	a			1803			1832	
<b>London King's Cross</b>	a	1741	1748	1753	1829	1840	1850	1859
							1905	

Turnrounds at King's Cross are subject to change during Azuma rollout



Planned previous working from arriving	1N16	5E98	1D17	1S10	1S91	1B88	3A45	3A46	
	KGX	XCN	KGX	KGX	KGX	KGX	XNL	XDR	
	1521	1427	1621	1416	1436	1735	1657	1747	
Headcode	1Y42	1E98	1A43	1E20	1E21	1B89	1A45	1A46	
RSID	3461	5581	1641	5601	5621	1651	1661	1681	
Days Run									
Power Type	91	91	A10	A9	A9	A5	A9	A10	
Inverness	d								
Aviemore	d								
Kingussie	d								
Pitlochry	d								
Perth	d								
Gleneagles	d								
Stirling	d								
Falkirk Grahamston	d								
Aberdeen	d								
Stonehaven	d								
Montrose	d								
Arbroath	d								
Dundee	d								
Leuchars	d								
Kirkcaldy	d								
Inverkeithing	d								
Glasgow Central	d								
Motherwell	d								
Haymarket	d								
Edinburgh Waverley	a								
Edinburgh Waverley	d	1450		1500	1530				
Dunbar	d								
Berwick-upon-Tweed	d	1532			1612				
Alnmouth	d								
Morpeth	d								
Sunderland M	d								
Newcastle	a	1615		1623	1655				
Newcastle	d	1606	1618	1626	1701				
Durham	d	1620	1631	1640					
Darlington	d	1639	1649	1700	1729				
Northallerton	d	1651							
York	a	1710	1719	1727	1756				
York	d	1713	1723	1730	1759				
Hull	d								
Brough	d								
Selby	d								
Harrogate	d						1705		
Horsforth	d								
Skipton	d								
Keighley	d								
Bradford Forster Square	d								
Shipley	d								
Leeds	a						1734		
Leeds	d		1716				1747	1815	
Wakefield Westgate	d		1729				1800	1828	
Doncaster	d	1736	1748	1757			1818	1847	
Retford	d		1802						
Lincoln Central	d					1800			
Newark North Gate	d	1804				1825	1844		
Grantham	d	1807	1825	1831		1837		1918	
Peterborough	d	1833		1852		1903	1914		
Stevenage	a		1908			1931		2002	
London King's Cross	a	1918	1922	1934	1942	1947	1957	2005	2027

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	1S12 KGX 1506	1S13 KGX 1514	1A55 EDB 1145	5A48 HDS 1756	1D21 KGX 1824	1S15 KGX 1606	5E25 XCN 1648	1D22 KGX 1853	
Headcode	1E22	1E99	1E23	1A48	1A49	1E24	1E25	1A50	
RSID	5641	5671	5681	1701	1721	5701	5721	1741	
Days Run									
Power Type	91	91	A9	A5	A9	91	91	A10	
Inverness	d								
Aviemore	d								
Kingussie	d								
Pitlochry	d								
Perth	d								
Gleneagles	d								
Stirling	d								
Falkirk Grahamston	d								
Aberdeen	d		1347						
Stonehaven	d		1405						
Montrose	d		1428						
Arbroath	d		1444						
Dundee	d		1503						
Leuchars	d		1517						
Kirkcaldy	d		1543						
Inverkeithing	d		1600						
Glasgow Central	d								
Motherwell	d								
Haymarket	d		1620						
Edinburgh Waverley	a		1624						
Edinburgh Waverley	d	1600	1620	1630		1700	1730		
Dunbar	d						1752		
Berwick-upon-Tweed	d		1713				1816		
Alnmouth	d	1700							
Morpeth	d		1733						
Sunderland M	d								
Newcastle	a	1727	1747	1756		1823	1859		
Newcastle	d	1729	1752	1800		1829	1902		
Durham	d	1742				1842			
Darlington	d	1801	1821	1830		1901	1929		
Northallerton	d		1833			1913			
York	a	1828	1852	1858		1932	1957		
York	d	1831	1855	1901		1935	2000		
Hull	d								
Brough	d								
Selby	d								
Harrogate	d			1802					
Horsforth	d								
Skipton	d								
Keighley	d								
Bradford Forster Square	d								
Shipley	d								
Leeds	a			1831					
Leeds	d			1845	1916			1946	
Wakefield Westgate	d			1859	1929			1959	
Doncaster	d	1855		1921	1948	1958		2020	
Retford	d				2002				
Lincoln Central	d								
Newark North Gate	d	1919		1946		2021		2045	
Grantham	d		1944		2025		2049		
Peterborough	d	1951		2015		2051	2110	2114	
Stevenage	a				2108				
London King's Cross	a	2040	2048	2053	2107	2133	2140	2159	2207

Turnrounds at King's Cross are subject to change during Azuma rollout

Planned previous working from arriving	1S17 KGX 1706	1D24 KGX 1947	1S18 KGX 1718	1S19 KGX 1806	1S22 KGX 1916	1S24 KGX 2017
Headcode	1E26	1A52	1E27	1E28	1E29	1E30
RSID	5731	1781	5741	5761	5781	5801
Days Run						
Power Type	91	A5	91	91	91	91
Inverness	d					
Aviemore	d					
Kingussie	d					
Pitlochry	d					
Perth	d					
Gleneagles	d					
Stirling	d					
Falkirk Grahamston	d					
Aberdeen	d					
Stonehaven	d					
Montrose	d					
Arbroath	d					
Dundee	d					
Leuchars	d					
Kirkcaldy	d					
Inverkeithing	d					
Glasgow Central	d					
Motherwell	d					
Haymarket	d					
Edinburgh Waverley	a					
Edinburgh Waverley	d	1800	1830	1900	2000	2100
Dunbar	d			1922	2023	2123
Berwick-upon-Tweed	d		1913	1946	2047	2147
Alnmouth	d	1901			2110	2210
Morpeth	d				2127	
Sunderland M	d					
Newcastle	a	1928	1956	2030	2141	2238
Newcastle	d	1930	2000	2032	2144	
Durham	d	1944		2046	2158	
Darlington	d	2003	2029	2105	2217	
Northallerton	d				2231	
York	a	2030	2056	2132	2305	
York	d	2032	2100	2135	2308	
Hull	d					
Brough	d					
Selby	d					
Harrogate	d					
Horsforth	d					
Skipton	d					
Keighley	d					
Bradford Forster Square	d					
Shipley	d					
Leeds	a					
Leeds	d		2045			
Wakefield Westgate	d		2058			
Doncaster	d	2055	2117	2126	2158	23a34
Retford	d		2131			
Lincoln Central	d					
Newark North Gate	d	2119		2150	2221	
Grantham	d		2154	2202	2233	
Peterborough	d	2150	2215	2224	2255	
Stevenage	a		2243	2252	23s33	
London King's Cross	a	2239	2310	2317	2358	

Turnrounds at King's Cross are subject to change during Azuma rollout

# A guide to Headcodes

All train services are identified operationally by Headcodes. A Headcode is made up of three elements:

First digit	The first numeric digit indicates the class of the train with all our customer services designated as Class 1. Empty trains are normally designated as Class 5, however a small number of long distance trains are Class 3.
Second digit	The second digit is a letter indicating the group of customer trains to which the train belongs (see table below).
Third and fourth digits	The unique number of the train service within the above class and group.

## Southbound 'Up' services

1A01 to 1A52	Services from or via West Yorkshire or Hull to London King's Cross
1B81, 1B83, 1B85, 1B87 and 1B89	Services from Lincoln to London King's Cross
1E01 to 1E31 and 1E95 to 1E99	Services from Scotland to England
1J10	20.29 Hull to Doncaster
1Y03 to 1Y38 and 1Y42	Services from Berwick-upon-Tweed/ Sunderland/ Newcastle to London King's Cross
1Y00, 1Y82, 1Y84, 1Y86, 1Y88 and 1Y90	Services from York to London King's Cross

## Northbound 'Down' services

1W02 to 1W96	Cross border services terminating at Aberdeen, Inverness or Stirling
1A55	09.10 Edinburgh Waverley to Aberdeen (Sundays only)
1B82, 1B84, 1B86, 1B88 and 1B90	Services from London King's Cross to Lincoln
1D01 to 1D36	Services from London King's Cross to or via West Yorkshire
1H10	Services from London King's Cross to Hull
1N09 to 1N35	Services from London King's Cross to Newcastle/Sunderland
1N36, 1N80, 1N81, 1N83, 1N85 and 1N87	Services from London King's Cross to York
1S00 to 1S32 and 1S91	Services from England to Scotland

Empty Coaching Stock (ECS) running to/from depots or stations generally retain the same group and unique service number of the train they have previously formed. The exception to this are ECS from London King's Cross to Ferme Park or Bounds Green which are all designated as service group Y. Example - 1E25 forms 5Y25.

# Alpha codes and phonetics

Station and depot alpha codes			
ABD	Aberdeen	LDS	Leeds
ALM	Alnmouth	LEU	Leuchars
ARB	Arbroath	MPT	Morpeth
AVM	Aviemore	MTH	Motherwell
BDQ	Bradford Forster Square	MTS	Montrose
BLA	Blair Atholl	NCL	Newcastle
BUH	Brough	NNG	Newark North Gate
BWK	Berwick-upon-Tweed	NTR	Northallerton
CAG	Carrbridge	NWR	Newtonmore
DAR	Darlington	PBO	Peterborough
DBL	Dunblane	PIT	Pitlochry
DEE	Dundee	PST	Prestonpans Up Loop
DHM	Durham	PTH	Perth
DKN	Dunkeld & Birnam	RET	Retford
DON	Doncaster	SBY	Selby
DUN	Dunbar	SHY	ShIPLEY
EDB	Edinburgh Waverley	SKI	Skipton
FKG	Falkirk Grahamston	STG	Stirling
GLC	Glasgow Central	STN	Stonehaven
GLE	Gleneagles	SUN	Sunderland
GRA	Grantham	SVG	Stevenage
HDS	Harrogate Down Siding	WKF	Wakefield Westgate
HGT	Harrogate	YRK	York
HRS	Horsforth	XAC	Clayhills
HUL	Hull	XBO	Bounds Green
HYM	Haymarket	XCN	Craigentinny
INK	Inverkeithing	XDR	Doncaster Carr IEP Depot
INV	Inverness		
KDY	Kirkcaldy		
KEI	Keighley		
KGX	London King's Cross		
KIN	Kingussie	XIV	Inverness
LCN	Lincoln	XNL	Neville Hill
		XPO	Polmadie
		XTT	Lincoln Terrace Sidings

A	Alpha	J	Juliet	S	Sierra
B	Bravo	K	Kilo	T	Tango
C	Charlie	L	Lima	U	Uniform
D	Delta	M	Mike	V	Victor
E	Echo	N	November	W	Whisky
F	Foxtrot	O	Oscar	X	X-ray
G	Golf	P	Papa	Y	Yankee
H	Hotel	Q	Quebec	Z	Zulu
I	India	R	Romeo		

When communicating numbers, they should be pronounced singularly. For example, Signal K451 would be “Kilo-four-five-one”. The number 0 should be pronounced “zero”, not “nought” or “oh”.

## Engineering works

### The Operational Planning page on m@inline

This has all the information you need for engineering works.

Simply go to the [m@inline](#) Home Page and select the ‘Operational Planning’ button on the left hand side.

## Connection times

Customers should allow plenty of time if they’re changing trains to make a connection - especially at larger stations, where they may have to change platforms. Here’s a quick guide on how much time to allow (those stations are bigger than you think):

London King’s Cross	15 minutes
Stevenage	4 minutes
Peterborough	8 minutes
Newark North Gate	7 minutes
Grantham	7 minutes
Retford	10 minutes
Doncaster	7 minutes
Wakefield Westgate	7 minutes
Leeds	10 minutes
York	8 minutes
Darlington	5 minutes
Newcastle	8 minutes
Glasgow Central	15 minutes
Edinburgh Waverley	10 minutes

Connecting services may be provided by other train operators.

# Jargon Buster

The rail industry is a complex business, and as much as we all know and love it, it presents some complex concepts to work with, and even its own language of acronyms and terms.

Baffled by BiDi? Stumped by SOWC? Don't know your WILD from your GOTCHA? Don't worry, you're probably not alone!

Whether you're new to the industry or have been around for a few years, we've put together this jargon buster. It gives you a working definition of some of the most common rail terms. So even if you don't know the difference between an HABD and a Hand Signaller, don't worry, you soon will...

**Assistance** Where a rescue locomotive is sent from the depot to help a faulty train get on its way.

**Automatic Dropping Device (ADD)** The system that kicks in and drops the pantograph when there's an overhead line problem.

**Automatic Warning System (AWS)** A safety system that alerts the Driver to the status of the next signal.

**Azuma** Our new trains. See Azuma Jargon Buster on page 73 for more information.

**Ballast** Small stones/gravel that sleepers and track are laid on to ensure stability and proper drainage.

**Bidirectional Working (BiDi)** A section where trains can run on any line in either direction at any time with signalling.

**Blocked to Electric Traction** Only diesel trains can run on this line. This could be because power lines are disabled.

**Brake** ('Driver unable to get a brake') The train is unable to build up enough air pressure in the brake pipe to hold the brakes off.

**BTP** British Transport Police.

**Controlled Emission Toilet (CET)** Retention toilet.

**CSL2 (Customer Service Level 2)** Enhanced mobilisation during major disruption. In CSL2, regular updates are issued from the Service Delivery Team. It's also a trigger for additional assistance from other TOCs. E.g. ticket acceptance.

**Door Interlock Cut Out Switch (DICOS)** This switch overrides the door locking system.

**Down Slow (DS)** A slow line running northwards from London King's Cross on the East Coast Main Line.

**Down Fast (DF)** A fast line running northwards from London King's Cross on the East Coast Main Line.

**DRA (Drivers Reminder Appliance)** A safety device in the Driver's cab.

**Driver's Safety Device (DSD)** A safety device in the Driver's cab which ensures that the Driver remains alert. This can bring the train to a precautionary stop.

**Driving Van Trailer (DVT)** The rail vehicle on electric trains which has driving controls. Luggage can also be stored in this vehicle.

**Extreme Disruption Day** A disruptive event which will cause the route (or parts of the route) to be blocked for at least 2 hours with no estimate for re-opening to traffic. It could be a dewirement, major flooding, a landslip etc. Our trains will initially be held at suitable locations and prevented from departing from their origin, until a plan is in place.

**Electric Train Supply (ETS)** The electricity supply for the interior of the train, used to run lights, air conditioning, public sockets, kitchen equipment, etc.

**Emergency Speed Restriction (ESR)** Does what it says on the tin: a temporary, short notice, unplanned speed limit on a section of track.

**Empty Coaching Stock (ECS)** A train not conveying passengers; usually going to or from a depot.

**Fail(ure) to Stop (FTS)** A pretty straightforward one: a situation where a train hasn't stopped at a scheduled station.

**Form A/ Reduced Speed Certificate** Advice to train crew that there is a defect on the train that requires a speed restriction.

**Global System for Mobile Communications - Railway (GSM-R)** The radio system the Driver uses to keep in touch with the outside world - the Service Delivery Team, Signallers, other trains.

**Hand Signaller** A person (normally a Network Rail employee) who may authorise trains to pass through a section where the signalling is defective or absent.

**Hot Axle Box Detector (HABD)** This line-side equipment monitors the temperature of trains' wheels.

**Interlock** A safety system on a train with power doors that prevents the train moving when these are open. It also applies the brakes if a door is opened on a moving train.



**Loss of line light (LOLL)** A sign that power from the overhead line may not be being received by the train.

**MkIV Electric** A train that is powered by electricity from the overhead electric wires.

**Mobile Operations Manager (MOM)** A person who deals with issues on the track.

**Overhead Line Neutral Section (OHNS)** A short 'dead' section of the overhead line that doesn't transmit any electricity to the train.

**Pantograph** The device that is mounted on top of an electric train which collects power from the overhead electric wires.

**Parking Brake** The same as the handbrake in your car - stops the train moving when there are no train crew onboard.

**Passenger Communication Apparatus (PCA "Pass Comm")**  
A safety device that allows the passengers to alert the train crew of an emergency. It alerts the Driver who can bring the train to a stand in a suitable location. There is a penalty for misuse!

**Permanent Way (Pway)** Track Maintenance Engineers.

**Pilotman** A Network Rail team member assigned to accompany a train through an area of track currently not running properly.

**Possession** A section of line temporarily closed for engineering work.

**PPM (Public Performance Measure)** The way the railway industry measures train punctuality.

**Route Conductor** A member of staff with the knowledge needed to accompany a Driver or Train Manager on a diversion should they not have the route knowledge.

**S&T (Signalling and Telecommunications)**  
Signalling Engineers.

**Simplified Bidirectional Working (SIMBIDS)** This system allows trains to run on the opposite line under the control of signals when one line is blocked.

**Single Line Working (SLW)** This system allows trains running in both directions to run on one line (alternately, obviously), if the second line is out of action. Either a nominated person (Pilotman) will travel on the train with the Driver or a piece of paper will be passed to the Driver authorising this movement. Speed limit: 50mph.

**Shore Supply** Where a stabled train can be 'plugged into the mains' to keep air con/ heating and catering supplies working so that the engines can be shut down.

**Shown Clear When Occupied (SCWO)** A fault with the signalling system - A train is present but is not being detected by the track circuit.

**Shown Occupied When Clear (SOWC)** A fault with the signalling system - A track circuit is detecting something on the track, but no train is present.

**Signal Passed at Red (SPAR)** This is an incident where a train has passed a red signal. This could be for a number of reasons. Naturally it'll be investigated as soon as possible.

**Static Converter** The system that provides power to the coaches.

**Temporary Block Working (TBW)** This workaround allows us to move trains using Hand Signallers (individuals who may authorise trains to pass through a section where the signalling is defective or absent) to replace signalling. This happens in the event of multiple signal failures.

**Thunderbird** A rescue engine.

**Time Division Multiplex (TDM)** The system that transmits electronic data between the two ends of the train.

**Track Circuit Failure (TCF)** A fault with the signalling system.

**Traction Motors (t/ms)** The electrical motor in the train that makes it move! There are multiple traction motors in each locomotive.

**Train Preparation** A series of checks undertaken by the Driver (usually first thing in the morning) that ensures there are no obvious faults or defects with the train prior to it entering service.

**Train Protection Warning System (TPWS)** A safety system that has the ability to automatically apply the brakes on a train. An incident involving a TPWS activation will be investigated immediately.

**Up Fast (UF)** A fast line running southwards towards London King's Cross on the East Coast Main Line.

**Up Slow (US)** A slow line running southwards towards London King's Cross on the East Coast Main Line.

**Vacuum Circuit Breaker** A large circuit breaker (like those in your house) that trips (prevents the flow of electricity) in the event of a fault.

**Vibration Monitoring System (VMS)** The system that detects any failure of the traction motors/transmission system.

**Wheel Impact Load Detector (WILD/ GOTCHA)** A track mounted system that monitors for potential defects with train wheels.

**Wheelskate** A device which allows slow speed movement of a rail vehicle that has a wheel which is incapable of rotating.

**Wheel Slip/Slide Protection (WSP)** The system that prevents the train from 'slipping and sliding'.

## Azuma Jargon Buster

**AC Bus Line** A cable running the length of the Unit to supply AC (alternating current) power.

**AdBlue** A diesel exhaust fluid stored in a separate tank from the diesel that reduces the amount of harmful emissions.

**AED** Automated External Defibrillator.

**APCO (Automatic Power Change Over)** An intuitive system that allows the Train to swap between diesel mode and electric mode when needed.

**BEC** Body End Cupboard.

**BIL** Bodyside Indicator Light.

**Bi-mode** A unit where main traction power can be supplied by pantograph or under-floor diesel engines.

**Call For Aid (CFA)** An alarm that alerts crew to a customer that requires assistance.

**Catering Level 1** The Kitchen .

**Catering Level 3** Café Bar.

**Catering Level 4** Trolley area and Urn Exchange.

**CET** Controlled Emissions Toilet.

**Class 800/1** A 9 car train that can fully operate in diesel or electric power.

**Class 800/2** A 5 car train that can fully operate in diesel or electric power.

**Class 801/1** A 5 car train that operates in electric mode.

**Class 801/2** A 9 car train that operates in electric mode.

**Composite (coach)** A coach containing both first and standard class accommodation.

**Data Logger Monitors** The status of certain equipment on board and has the functionality to highlight any issues that may arise during the journey.

**DGO-D Driver Guard Operation** – Driver (a form of door operation).

**DGO-G Driver Guard Operation** – Guard (a form of door operation).

**DOTe/DOTeL** Defective On Train Equipment/Defective On Train Equipment List.

**DPTF** Driving Pantograph Trailer First.

**DPTS** Driving Pantograph Trailer Standard.

**Dual Mode** When Units are coupled, one can be in Electric Mode and the other will be in Diesel Mode.

**Duplex Gauge Shows** Main reservoir pressure and brake cylinder pressure.

**EAD** Emergency Access Device.

**EBS** Emergency Bypass Switch/Emergency Brake Supply.

**EED** Emergency Egress Device.

**FFCCTV** Forward Facing Closed Circuit Television.

**FTR** The certificate issued by Hitachi indicating Fitness to Run.

**GSM-R** Global System Mobile - Railway.

**GU (Generating Unit)** An under-floor diesel engine.

**HFMT (Hitachi Fleet Monitoring Tool)** A device that monitors the real time status of vehicle systems. Allows live transmission to the Passenger Information Screens and automated announcements.

**Hotel Power** A minimum train service level, maintained to save power (usually in a failed Unit): Lighting, HVAC (full) and WCs but not Traction.

**Manual Door Selection** A function which lets the Driver select which doors will be unlocked (overrides the SDO).

**MCB** Main Circuit Breaker.

**MeC** Motor Engine Composite.

**MeF** Motor Engine First.

**MeS** Motor Engine Standard.

**MFA** Major Fault Alarm.

**MOM** Equipment storage Equipment kept in each cab for Network Rail Mobile Operations Manager.

**Nose Cone** The section at both ends of the unit that reduces aerodynamic drag. It also houses the coupling device to attach to another unit.

**PanCam** Pantograph Camera.

**PAU** Passenger Alarm Unit.

**PIS (Passenger Information System)** Allows real time messages and announcements to be sent and displayed on the Train.

**SAP (Systems Application and Products)** The Safety Management System used by Hitachi.

**SDO (Selective Door Operation)** Allows the Unit to open doors on specific coaches.

**SST** Space Saver Toilet.

**TIS** Traction Interlock Switch.

**TMS (Train Management System)** A comprehensive system which communicates with other devices installed in vehicles including door release operating status of devices fault detecting seat reservation and Passenger information systems.

**TPS** Trailer Power Standard.

**Train Door Control** Hands over the train door control from the Driver to the On-Board Competent Person.

**Trolley Bay** Chilled catering module units where the carts are placed.

**TS** Trailer Standard.

**UAT** Universal Access Toilet.

# What happens when things don't go to plan?

Despite our best efforts, delays and cancellations do happen. When they do, we just need to make sure that we minimise the inconvenience to our customers by keeping them in the loop. This section is a simple guide to your role during disruption, sources of information and communication tips.

## Where can I get information from during disruption?

### Core Messages and Route Messages

During disruptive incidents, the Duty Customer Experience Manager (DCEM) will send out regular updates in the form of Core Messages or Line Problem updates. These will be delivered to you by email. These are designed to provide you with the latest information, including:

- What's happening? (the problem)
- How is it impacting our customers? (the impact)
- What are we doing to help our customers? (the advice)

### Live Departure Board

The most accurate up-to-date status of our train service is provided by National Rail Enquiries. This system is updated by the Service Delivery Team directly and it's also linked to the our Station Customer Information Systems (CIS) on the platforms - so you'll always know what's going on.

### Tornado

Linked directly to the messaging system from the Service Delivery Team, this system gives you a general overview of all our services. It can show you where trains are on the network and provide you with information about delays, calling points and train crew. It's password protected but if you find you need access, just give IS Service Desk a quick call and they can sort it for you.

### Service status

We use coloured service status categories to represent the current state of our service running:

- Green - We are running a good service
- Yellow - We are experiencing some disruption to our service
- Red - We are experiencing significant disruption to our service
- Black - We are experiencing major disruption which is severely affecting our ability to provide a rail service. Customers will be advised not to travel.

The service status level helps to inform the various activities that need to take place to help us best respond to, and manage the incident, for example, this might include obtaining ticket acceptance with other train operators, or opening muster points.

## **Customer Service Level 2 (CSL2)**

Customer Service Level 2 (CSL2) is a standard industry term for a level of enhanced mobilisation which is invoked to manage a disruptive incident. It is a trigger for requesting additional support from industry partners (e.g. other train operators). The main focus is on putting plans in place to best support our customers.

## **TrainMapper**

A customer facing app that accesses real-time journey information, live incident updates and train running information. If a train is cancelled or delayed by 30 minutes or more, the map will suggest different ways to get from A to B. Available through our website, customer app and in the Staff Portal.

## **What's my role during service disruption?**

Roles and responsibilities vary widely during disruption, but everyone plays a vital role in making our customers' experience as good as possible. So whether you're a member of station staff or part of the Onboard Catering Team, remember to...

## **Be a team player**

Work together with colleagues as quickly and efficiently as you can to make sure our customers receive timely, useful and consistent information. A happy customer means an easier, smooth-running day – and that's best for everyone.

## **Think what the customer needs**

Imagine you're one of our customers - you'd want to know:

- when's my next train?
- how late am I going to be?
- what alternatives do I have?
- when will the service be back to normal?
- how do I get a refund?

If you can answer those questions then you'll be prepared for most customer queries during disruption. And relax!

## **Our customers need you!**

Your actions can make all the difference, especially during disruption. If our customers experience excellent customer service, they'll still leave with a good impression.

So remember...

### **Approach customers**

If a customer looks like they might need some help, pop over and see what you can do. "Hello, sir/madam!" (make sure you get that bit right)!

### **Be visible and approachable**

You'll be spotted a mile away in your red jacket.

Like a star on the horizon.

### **Know how you can help**

Can you order them a taxi?

Give alternative routes?

How about getting refunded?

Where is the nearest coffee shop - or the loos?

You'll likely get asked all of the above!

### **Speak clearly**

None of that train jargon we use with each other

(sometimes we don't even understand it). Use plain

English when chatting with customers, and be supportive and understanding.

### **Keep customers informed**

Offer customers information that's accurate, up-to-date and useful, so they have the best travel options available.

If they're in the know, they're happy.

### **Honesty is the best policy**

Give a straight forward explanation of any problem, but do let customers know if you don't know and that you're doing your best to find out. Honestly, honesty is best.



## Delay Repay

We want all customers to be happy with our service, and a main feature of our Passenger's Charter is to offer transparent and fair compensation when customers are delayed.

Our compensation policy is called Delay Repay. You can find full details on our website in the Passenger's Charter section. Customers can download the Passenger's Charter from our website [LNER.co.uk/delayrepay](https://www.lner.co.uk/delayrepay) if they wish.

### Please remember:

- Delay Repay applies to all our services on the east coast route, where the customer arrives at their destination more than 30 minutes late due to a delay on one of our services. If the delay was caused due to a previous connection the customer must contact the specific train operating company
- it doesn't matter what the cause is – a delay is a delay!
- it applies to all tickets including Season Tickets
- customers delayed on our services on the east coast route between 30 and 59 minutes will receive compensation of at least 50% of the cost of a single ticket or at least 50% of the cost of the outward or return part of a return ticket
- customers delayed on our services on the east coast route between 60 and 119 minutes will receive compensation of at least 100% of the cost of a single ticket or at least 100% of the cost of either the outward or return part of a return ticket
- customers delayed on our services on the east coast route for 120 minutes or longer will receive compensation of at least 100% of the cost of a single ticket or at least 100% of the cost of a return ticket (ie. both ways, not just one way)
- customers can apply for compensation online, by texting DELAY to 86888\*, by completing a form and sending it to the Customer Services Team or handing it in to a ticket office or travel centre. If a customer hands you a form please ensure you put it in the post
- we must receive applications within 28 days of the date of the disruption, and the customer must either attach a photo of their tickets if applying online or enclose them if applying by post
- it is quicker and easier if the customer applies for their compensation online. Let them know we aim to respond within 10 working days.

\*Compensation can be paid by PayPal, BACS, cheque or Rail Travel Vouchers. Customers can choose which they prefer by indicating on the form or contact the team to discuss their options.

\*To receive a link to complete an online form. Texts are charged at the standard network rate.

## Customer comments – let's hear them

During disruption, please try your best to help resolve any customer issues or complaints on the spot. Should a customer wish to submit a written complaint, they can do so by visiting the 'contact us' section of our website and selecting the relevant online form.

Our Customer Services Team can be contacted by letter, email or telephone, using the contact details on the form (and below).

## LNER Customer Services Team

Freepost RTUH-TUGH-GCLZ

Cramlington

NE23 1WG

Tel: 03457 225 333\*

Open: daily, 07.00-22.00 (except Christmas Day and Boxing Day)

## See something. Say something.

It's **everyone's** responsibility to keep the railway safe.

Whether you work on trains, travel on trains, or just pass through a station on your way to work, we are ideally placed to spot suspicious activity.

There's no profile for a terrorist – their ethnicity, gender, age or clothing is not relevant. It's their behaviour that might identify them. We spend a lot of time watching people's behaviours probably without realising we are doing so, and although identifying suspicious behaviour isn't easy, always trust your instincts. Always consider your own safety and that of those around you.

## The 'WHAT' protocol

The 'WHAT' protocol is designed to help staff gather as much useful information as possible when observing or receiving a report of suspicious behaviour:

**What** are they doing? Are they loitering in unauthorised parts of the station, taking photos of CCTV cameras, entries/exits?

**How** are they behaving? Are they avoiding people of authority such as BTP, railway staff?

**Alone** or acting with others? Are they acting alone or in a group/frequently meeting up with the same individuals?

**Threat** - are they trying to access secure areas, looking to leave items, or possibly carrying concealed items/weapons?

**If it looks suspicious inform British Transport Police (BTP).**

\*Calls cost no more than calls to geographic numbers (01 or 02) and must be included in inclusive minutes and discount schemes in the same way. Calls from landlines are typically charged up to 9p per minute; calls from mobiles typically cost between 3p and 55p per minute. Calls from landlines and mobiles are included in free call packages.

## Key measures that will help to maintain a safe and secure rail network include:

- remaining vigilant and reporting any suspicious behaviour/activity to BTP straight away
- making sure the HOT principles (next page) are applied to any items of property found unattended at stations or on trains
- ensuring doors/gates etc. at stations are kept closed and locked at all times
- being aware of people trying to 'tailgate' into non-public areas of our premises
- wearing/carrying your ID at all times when in non-public areas
- and not discussing railway security measures outside of work or with people you don't know. This also applies to social media sites.

## HOT principles reminder

Left luggage and lost property is found on a daily basis, and we all have a responsibility to deal with it properly. When you find an item, try and identify the owner by asking people nearby. If no one claims the item, check it carefully and apply the HOT principles:

**HIDDEN** - has a deliberate attempt been made to hide the item?

**OBVIOUS** - is the item obviously suspicious?

**TYPICAL** - is the item typical of what you would expect to find at that location?

If the item is still a concern, request the attendance of the BTP through normal reporting channels.

## Rough riding?

If a customer reports concerns with the ride quality during or after a journey, here's what to do:

- take their name and ask them where and when they experienced the problem
- ask the nature of the problem and where in the train it was experienced
- find the Train Manager and let them know. They'll then investigate the report and must advise the Train Driver as soon as safely possible of a rough ride/infrastructure defect report

- upon experiencing a problem or being advised of a report from within the train, the Train Driver will decide on the most appropriate action on whether to stop the train, and how the problem will be reported to the Signaller
- if at any time it's considered that the safe operation of trains is threatened, the train must be stopped by the quickest means (eg. passcom)
- in the event that a customer has already got off the train before reporting a problem with the ride, then the train must be identified and the customer must be advised to contact Network Rail on one of the following numbers:  
Incident in England **01904 718 074**  
Incident in Scotland **0141 335 2775**  
Report all incidents to the LNER Service Delivery Team

### **To ticket or not to ticket**

The National Rail Conditions of Travel states that a customer must hand over for inspection their ticket and any accompanying Railcard, photocard or other form of personal identification which their ticket requires if asked to do so by the staff of a train company .

If the customer fails to do so, they will be treated as having joined the train without a valid ticket and the appropriate fare (or excess) should be requested. Where customers join a train without a ticket at a station where ticket facilities exist (and are fully open/working) only full fare tickets will be available onboard.

If the issue of an Unpaid Fare Notice (UFN) is necessary, the customer should be left in no doubt as to why it has been issued. They should be made aware that it is a legally binding contract, and that they have a right to appeal by following the instructions printed on the notice.

If a customer regularly joins a train without a valid ticket, or if altered tickets/passes or suspected fraudulent tickets/passes are identified, please contact a member of Revenue Protection at \_\_\_\_\_ and if available, they will attend the service.

## Calling the BTP for ticketless customers

Discretion and common sense is always required when customers are unwilling to cooperate, however, on occasions where seeking BTP assistance is necessary, you should have asked the customer:

- to produce a valid ticket
- to pay the required fare
- provide his/her name and address.

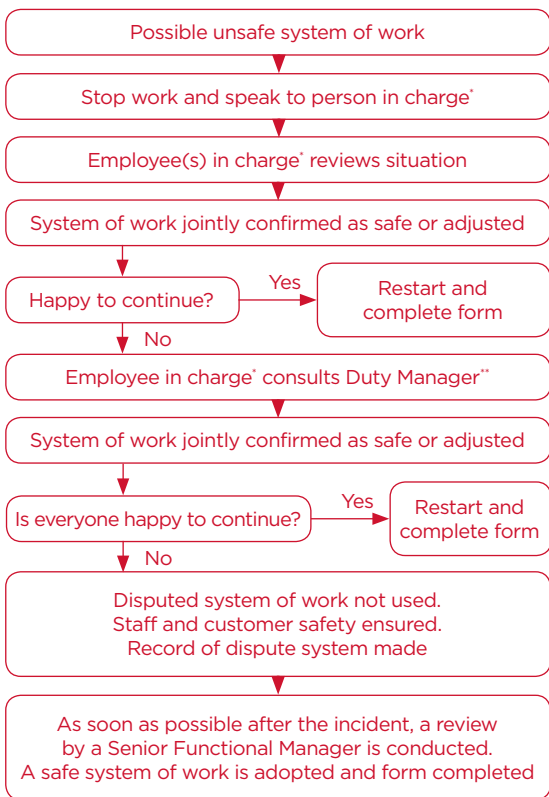
If the customer fails to comply with all 3 requests, then this constitutes the Three Fails and BTP should be called. They're equipped to deal with such incidents and are very familiar with Railway Byelaws, but they'll expect you to have done all you can to resolve the situation yourself.

When Police Officers attend, it's often the case for customers to provide their name and address or simply pay up. Please discuss options with the Officer and use your discretion to decide the outcome. If the name and address provided is acceptable (can be verified) you may choose to issue a UFN; however, if an offence has been committed, the best course of action might be for the Police Officer to deal with the matter away from the train.

Where a ticket irregularity is identified, please contact the Revenue Protection Team at and if available they can attend, therefore reducing the risk of inconveniencing customers and reducing the likelihood of delaying that service. If Revenue Protection cannot attend, you should consider the impact of delaying the train before deciding to call the BTP, as often the cost to the business of a delay to the train is greater than the cost to the business of the irregularity.

## Worksafe procedure

Your safety is our priority, and this flowchart will help make sure you and others are never at risk. Phew!



\* This may be a supervisor, manager or another person with responsibility for the work.

\*\* This may be a supervisor, manager or another person with responsibility for the work such as an on-call manager.

**IF YOU CAN'T DO IT SAFELY, DON'T DO IT!**

# Responding to bad behaviour

When confrontational behaviour occurs in our workplace, it can be distressing. If you're able to stay in control, it will help you to respond logically and rationally. Just remember the word:

## TRUST

### Think

Take a moment, let the customer vent. This buys you time and lets them express their feelings.

### Respond

Think about the impact you'll have on the situation – remember, first impressions count, so speak calmly and, if appropriate, smile!

### Understand

Are you a good listener? Great. Effective questioning and listening skills are key to understanding the issue.

### Solve through negotiation

Persuade, influence and negotiate to find a win-win solution. Happy customer = happy day.

### Think again

Be rational don't take things personally. Stay focused throughout. AND SMILE (again, if appropriate). In extreme case of anti-social behaviour, we've got another appropriate word to help you out: **RED**.

## RED

**Respond**, deal with the incident if you can, using **TRUST**.

**Exit** the area to a safer place and consider further action.

**Dial** for assistance (Police, Ambulance, Fire, Control, Train Manager, station).

# Reporting process

If you experience anti-social behaviour, you must report it to your supervisor, manager or team leader in the following ways:

## 1. If there has been no physical or verbal assault

Report all details, including train headcode, location and details of the incident to

You'll receive a unique reference number for your report to help you and your manager track its progress.

## 2. In the unlikely event of being physically or verbally assaulted

You'll need to complete a Verbal/ Physical Assault form at the end of your shift and fax it through to the Safety Team.

The incident will be investigated and action will be taken as required.

## 3. If BTP are involved

You'll also need to complete the relevant incident form.

All reports received are used by the safe and secure working group to help identify trends and problems affecting our route. Reports allow the company to take action which may be in the form of providing security staff on trains or at stations, requesting additional BTP resources or applying other measures such as T-Total trains. Whatever it takes! We've got your back.

**In all cases, your manager will talk to you about any support you might need as a result of the incident.**

# Top safety tips

- remember to be proactive when you see any potential issues before customers board their train
- consider making specific and targeted announcements onboard if instances of anti-social behaviour are developing
- as the old saying goes, prevention is better than cure.



# Vulnerable people at stations

Suicide on our tracks is an irregular occurrence – but sadly it does happen and it's necessary to always look out for people who are behaving differently as they may be distressed, vulnerable or suicidal.

## **'Something doesn't feel quite right'**

There is no definitive list of behaviours that a suicidal person will display but these behaviours may be shown by a person in need:

- not boarding any trains
- standing alone/isolated
- looking distant/withdrawn
- out of the ordinary appearance
- asking when the next fast or non-stopping train is.

You can help someone by just giving them the opportunity to talk about their problems or feelings. If you feel comfortable and it is safe to do so:

- introduce yourself and ask their name
- encourage them to talk
- focus on listening to them
- be patient
- offer to take them to a more comfortable or safer place to talk.

If you consider the situation to be an emergency ie. an immediate response is required, first contact the Signaller, and then the British Transport Police Suicide Hotline on **0300 123 9101**.

If someone is distressed, their period of crisis or extreme suicidal feelings may only last around 30 minutes, and if you can either keep someone talking or find them someone who can offer support during that time, then there is a good chance that they will start to see things differently.

## Here are some simple tips:

- ask open questions: how, what, when?
- repeat back to them key thoughts or feelings that they have expressed like 'you felt angry when...' so that they know you are listening
- empathise with the person 'that must have been so difficult for you'
- avoid saying 'I know how you feel' (because you never know exactly how someone feels, it can make people feel misunderstood or at worst, angry with you).

You could suggest going into a warm office or somewhere more private. If they seem hesitant, just explain you're concerned for them, and want to give them a space and time to talk in private.

People in suicidal crisis genuinely believe that the world is better off without them, so by showing concern and consideration it's a first step to helping them through that feeling.

## Help is available

If you do not feel comfortable talking to a distressed and sometimes potentially suicidal person you can find support by:

1. Passing them a Samaritans Contact Card so that they can call Samaritans in their own time. Or write down the number for them – **116 123**.
2. Offering them the use of a phone so they can call Samaritans from a safe place in the station.
3. Asking them if they would like to speak to a Samaritans volunteer at the station. If yes, you can activate the call out service by calling **07548 720 511**.

## Supporting you

As well as looking out for others, it is equally important to look after yourself. Providing emotional support to a person in crisis can be very draining.

- Let your line manager or supervisor know if you have carried out an intervention.
- Try to relax and take a break.
- Speak to someone that you trust about what happened and how you are feeling or call Samaritans on **116 123**.

## Luggage

Some people travel light - others, not so light... and they do have limits on luggage, which are set by The National Rail Conditions of Travel (NRCoT), but we will make every effort to accept every customer's luggage.

Customers can each take up to three items of luggage onto the train.

Luggage can be refused if...

- it may cause injury, inconvenience, a nuisance or damage to property
- it obstructs doorways, gangways or corridors
- there is not enough room for it
- the loading or unloading of it would cause delays to trains
- it is not carried or packaged in a suitable manner.

If it's too large for the coach, it will have to go in the DVT or in a bulk storage area on an Azuma for safety.

There's no reference to the maximum weight of a piece of luggage, however unless a customer is disabled or has reduced mobility (and has booked assistance in advance), a customer should be able to manage their entire luggage entitlement without additional help from staff.

There'll be no lonely luggage on our watch, every customer must travel on the same train as their luggage.

## Permitted items

In addition to all the above, we also accept the following on our trains - for no extra fee!

Item	Policy
Pushchairs and carrycots	Accepted within customer accommodation or the DVT or in a bulk storage area on an Azuma. Must be capable of folding and should be stored in accordance of other items of luggage.
Wheelchairs and powered wheelchairs	Wheelchairs must be folded when not in use and, where possible, stored in a designated wheelchair section. They must not exceed 120cm long by 70cm wide.
Mobility scooters	Accepted if treated as wheelchair (to our accepted wheelchair dimensions above) and stored in normal wheelchair space via ramp. Not accepted in DVT or in a bulk storage area on an Azuma.

Item	Policy
Surf-boards, snow-boards, skis, golf equipment, other sports	Accepted only in DVT or in a bulk storage area on an Azuma. Maximum length 260cm (as with cycles). Width/depth maximum 60cm. One per customer.
Musical instruments exceeding 30 x 70 x 90cm (suitcase size)	Accepted only in DVT or in a bulk storage area on an Azuma. Maximum length 260cm as with cycles. Width/depth maximum 60cm. One per customer.
Unloaded guns	Must be stored in a locked, opaque storage bag/box so that gun is not visible. One per customer. Ammunition to be stored in separate bag/box. Gun license must be carried. Police are exempt from these restrictions.

## Non permitted items

The items listed below are not permitted on any part of the train.

- wheelchairs, powered wheelchairs and mobility scooters exceeding the maximum dimensions for the customer accommodation, stated in the 'Making Rail Accessible Policy'
- canoes and sailboards (there are no rivers on our tracks)
- loaded guns. Obviously (except when carried by Police)
- dangerous goods, flammable liquids (including petrol) and explosives.
- furniture.
- any item exceeding 260cm in any dimension
- any item that, in the opinion of our staff, would be unsafe if carried onboard the train.

## Charging arrangements

As part of our enhanced customer service offering, customers should never be charged for excessive luggage – even if they exceed the NRCot entitlement stated above.

Every effort should be made to carry customers' luggage within the train – including utilising the storage areas within the DVT or in a bulk storage area on an Azuma where appropriate (see next page).

We know it's tempting for customers to put their bags on seats, but they should be politely reminded that seats are for bums and not bags. Any bags caught sitting on seats, and not removed when asked may be charged a full fare, but only after they've been warned.

## Available luggage storage space

Luggage should be stored in the following locations on the train:

- on Azuma, there is generous space underneath the customer's seat
- depending on train type, medium to large items of luggage can be safely accommodated in overhead luggage racks, taking into account train vibration and movement
- coach end luggage racks
- areas between seats
- within the DVT or bulk storage area on Azuma - when loaded by a member of staff following instructions below.

The following areas should be kept clear of luggage and personal belongings at all times:

- wheelchair spaces (located within coach F and coach L)
- Azuma
  - 9 Car – wheelchair spaces located within coach M and A
  - 5 Car – wheelchair spaces located within coach E
  - 2x5 Car – wheelchair spaces located within coach M and E

Please see chart on page 95 for further details.

- doorways - including those on the opposite side to those in use at a station
- aisles and walkways
- the tops of the catering preparation areas (applicable in First Class only)
- seats intended for customers.

Look out for large items of luggage being placed in the overhead racks, which could fall and cause injury.

## Using the DVT for luggage

As well as the items mentioned previously, luggage may be stored into the DVT when:

- the train is already very busy with luggage or is anticipated to become busy later in the journey
- a large party is travelling with luggage to the same station.

To avoid delays, luggage heading for the terminating station of the service should be stored in the DVT.

We know this isn't always possible, and where luggage for other destinations is also required to be loaded into the DVT it should be kept to a minimum and separated by destination.

Items that are fragile shouldn't be placed into the DVT.

The following guidelines should be followed when storing items in the DVT:

- where destination labels are provided, luggage should be labelled clearly with the destination station (and ideally also with the customer's contact details)
- luggage must be stacked carefully, taking into account the potential for vibration and train movement
- luggage should never be stacked higher than 1.5metres
- walkways to/from the driving cab, guards office, emergency ladders, MOM box, emergency water supplies, cycle racks and door controls must be kept clear at all times
- access to the DVT from both sides must be maintained.

### **Luggage check in**

At certain times of the year, our services to/from Scotland can be very busy. To make sure customers journeys are as comfy as possible, a luggage check in service is offered to those travelling between London King's Cross and Edinburgh Waverley (and vice versa) on selected services. This service is offered free of charge.

When this service is offered, the DVT will be used exclusively for this purpose, with the exception of any oversized items.

## Travelling with bikes

Due to capacity restrictions and to minimise the likelihood of potential delays, only one bike per customer is allowed onboard our services.

We'll always try to carry bikes requested by a customer. However, it may be refused travel if:

- it presents a safety risk on the train; and/or
- loading and storing the bike correctly would risk delaying the departure of the train.

For these reasons the maximum acceptable dimensions of any bike are 100cm in height x 60cm in width x 260cm in length.

## Permitted bikes

The following bikes are accepted on our services:

- folding bikes
- standard sized bicycles (including electric) provided they conform to the maximum acceptable dimensions
- tandem cycles - provided they 'two' (get it?) conform to the maximum acceptable dimensions
- bike trailers that don't exceed 150 x 150 x 100cm in size, they should also be removed from the cycle and stored alongside it
- fully dismantled bikes stored in bike bags or cases (must not exceed 150 x 150 x 100cm in size).

## Non-permitted bike types

The following bikes are not accepted on our services:

- any bike which exceeds one or more of the maximum acceptable dimensions
- scooters, motorbikes or bikes containing a petrol engine
- any bike which would present a safety risk on the train and/or loading and storing the bike correctly would risk delaying the departure of the train. It should pop on and pop off.

## Important note

Everyone should be aware that, due to set swaps, the traction of a service (ie. Azuma or MkIV) may change. Similarly, trains can sometimes be in reverse formation with the DVT at the opposite end to 'normal running'.

Please ensure that the latest information is checked for a particular service before directing customers. It's easy to think the front's the back, but think twice and check.

## **Bike reservations**

Bike reservations are not required for folding bikes or for customers dismantling and storing their bike bag or case.

Because of the limited number of spaces available on each service, bike reservations for non-folding bikes are compulsory. One bike reservation is required for each bike, with the exception of tandem bikes which require two bike reservations.

There's no charge for bike reservations - we simply want to know what's riding with us. Bike reservations can be made:

- online at the time of buying a ticket
- at any travel centre
- on the telephone by calling **03457 225 333**\*

Our electric (MkIV) services have five available bike reservation spaces. Our 9 car Azuma services have four. Our 5 car Azuma services have two. Our 10 car Azuma services have four.

We can't always guarantee a spot for bikes for customers without a valid bike reservation. A customer may be refused travel with their bike if travelling with it puts reserved bikes at risk.

## **Travelling with bikes**

At the time of booking, customers should be asked to be on the platform with their bike 10 minutes before the timetabled departure of the train. Customers arriving on the platform less than 10 minutes before departure time may be refused travel with their bike if loading and storing their bike correctly would risk delaying the departure of the train. Efficiency is key.

Bikes must always be stored within the bike racks provided in the DVT (for MkIV services) or bulk storage area on Azuma.

## **Reduced platform access**

Some stations that we serve have short platforms that cannot give full access to the bike racks within the DVT. Customers travelling to/from these stations must put it outside the disabled toilet of Coach F and move it to the DVT at the immediate station either before or after where the DVT can be accessed.

These are the only circumstances in which a bike should be stored within the customer accommodation of the train.

\*Calls cost no more than calls to geographic numbers (01 or 02) and must be included in inclusive minutes and discount schemes in the same way. Calls from landlines are typically charged up to 9p per minute; calls from mobiles typically cost between 3p and 55p per minute. Calls from landlines and mobiles are included in free call packages.



# AZUMA coach formation

## 9 CAR

**Bike spaces** = K

**Wheelchair** = M, A

**Quieter Coach** = H

**Cafe Bar** = G

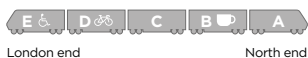


## 5 CAR

**Bike spaces** = D

**Wheelchair** = E

**Cafe Bar** = B



## 2x5 CAR

**Bike spaces** = K, D

**Wheelchair** = M, E

**Cafe Bar** = G, B



# Contacts and information that can be given to customers

**We've got a number for EVERYTHING (nearly).**

Customer Support		
Wi-Fi Helpdesk	Open	0116 366 3336 Mon-Fri 06.00-21.00 Sat 07.00-18.00 Sun 08.00-18.00
Customer Services Team	Open	03457 225 333 Daily 07.00-22.00 Customer Services Centre Freepost RTUH-TUGH-GCLZ Cramlington NE23 1WG <a href="mailto:customers@LNER.co.uk">customers@LNER.co.uk</a>
LNER Travel Enquiries and Ticket Sales	Open	03457 225 333 Daily 08.00-22.00
Web Support	Open	03457 225 333 Mon-Sat 08.00-20.00 Sun 10.00-20.00
Assisted Travel	Open	03457 225 225 Mon-Sat 08.00-20.00 Sun 10.00-20.00
Twitter	Active	@LNER - 24 hours
Facebook	Active	@LNERail - 24 hours
Instagram@LNER	Active	@LNER
National Rail Enquiries	Open	03457 48 49 50 24 hours <a href="http://nationalrail.co.uk">nationalrail.co.uk</a>

Left luggage		
Left luggage and Lost property (available at the following LNER stations)		
Station	Operated by	Contact
London King's Cross	Excess Baggage Company	0330 024 0215 (Lost Property) 0203 468 4690 (Left Luggage) Open Daily 07.00-23.00
Leeds	Excess Baggage Company	0330 024 0215 (Lost Property) 0113 350 3966 (Left Luggage) Open Mon-Sat 07.00-23.00
Edinburgh Waverley	Excess Baggage Company Open	0330 024 0215 (Lost Property) 0131 516 9834 (left luggage) Daily 07.00-23.00
Glasgow Central	Excess Baggage Company Open	0330 024 0215 (Lost Property) 0141 350 9863 (Left Luggage) Mon-Sat 06.00-23.59 Sun 07.00-23.59
Aberdeen/Inverness	ScotRail	0141 335 3276

[www.lostproperty.org](http://www.lostproperty.org) match lost property enquiries against a detailed and sophisticated database of property found at the UK airports and train stations.

## Lost property

Lost property found on our trains or at our stations is retained at the relevant station for a short time – we've got all sorts. If the owner does not come forward, it's sent to our Lost Property Office at Newark North Gate station. Customers should contact us to enquire if an item has been found.

**The telephone number of our Lost Property Office is 01302 362175.**

Items found on stations managed by Network Rail or on trains terminating at those stations (ie. London King's Cross, Leeds, Edinburgh Waverley and Glasgow Central), are handled by the relevant left luggage provider, whose details are shown on the previous page.

For items lost on trains or at stations operated by other train companies, customers should contact:

ScotRail	03301 092 823
TransPennine Express	0345 600 1672
Northern Rail	0800 200 6060
Great Northern	0345 026 4700
Transport for London	0343 222 1234
East Midlands Railway	0345 712 5678
Eurostar	0344 822 4411

## Other ticket retailers

If a customer has a problem or a query over a ticket – bought from a company other than ours, they should be referred to the relevant support team for assistance (unfortunately we can't solve all problems):

CrossCountry Trains	0844 811 0124
Great Northern	0345 026 4700
First Great Western	0345 700 0125
ScotRail	0344 811 0141
Greater Anglia	0345 600 7245
Northern Rail	0800 200 6060
Red Spotted Hanky	0800 3 77 77 48
The Trainline	0333 202 2222
TransPennine Express	0345 600 1671
Avanti West Coast	0344 556 5650
Raileasy	Mon-Fri 09.30-17.00 - 0208 989 3437 outside of the above hours 0871 512 2002

For call charges customers should refer to their service provider.

## Underground connections from London King's Cross/ St Pancras

Charing Cross -	Victoria line to Oxford Circus, then Bakerloo line
Euston -	10-15 minutes walk west along Euston Road (Underground not recommended)
Fenchurch Street -	Circle line to Tower Hill, then short walk
Liverpool Street -	Circle, Hammersmith & City or Metropolitan line
London Bridge -	Northern line direct
Marylebone -	Circle, Hammersmith & City or Metropolitan line to Baker Street and change there for Bakerloo line. Baker Street is only a short walk from Marylebone
Paddington -	Circle or Hammersmith & City line
Victoria -	Victoria line
Waterloo -	Victoria line to Green Park, then Jubilee line

Customers or members of staff can obtain live underground travel information online at: [tfl.gov.uk](https://tfl.gov.uk)

### “Taxi!”

Major stations have taxi ranks and advance booking is not necessary. Smaller stations however may only have a taxi office or no taxis at all. In such cases, customers should call ahead to check availability and/or to book a taxi. The following is a list of local operators at smaller locations served by us.

The list is there to help customers find onward transport. Including a particular operator does not mean it's endorsed by us. The list is based upon information provided by [traintaxi.co.uk](https://traintaxi.co.uk), where further information can be found.

<b>ALNMOUTH</b>		<b>LEUCHARS</b>	
Alnmouth	01665 830 096	St Andrews	01334 477 272
Yellow	01665 541 250	Williamsons	01334 839 279
ABC	01665 603 000		
Knights	01665 714 555		
<b>ARBROATH</b>		<b>MONTROSE</b>	
Arbroath	01241 430 430	A1	01674 677 767
Central	01241 877 766	B and M	01674 810 770
Abbey	01241 877 777	Wilco	01674 672 557
<b>BERWICK-UPON-TWEED</b>		<b>MORPETH</b>	
Fifes	01289 307 188	Express	01670 513 513
Berwick	01289 307 771	A1 Ace	01670 516 873
Blue Star	01289 305 660	AAA Highway	01670 514 190
<b>DUNBAR</b>		<b>NORTHALLERTON</b>	
Torrance	01368 862 612	Town	01609 772 777
Redline	01368 864 640	A2B	01609 775 252
		Coopers	01677 424 252
<b>FALKIRK GRAHAMSTON</b>		<b>PITLOCHRY</b>	
Bruces	01324 636 000	SR	01796 473 931
Five	01324 619 333		
Express	01324 622 100		
<b>GLENEAGLES</b>		<b>RETFORD</b>	
Ford	01764 664 050	Hinchcliffe	01777 702 049
M and M	01764 660 116	Shelleys	01777 700 108
RAM	07715 255 001	3 Sixes	01777 700 666
AM	07377 886 060		
<b>INVERKEITHING</b>		<b>SHIPLEY</b>	
Macs	01383 411 111	Shipley Central	01274 595 959
Berts	01383 418 822	AA	01274 809 555
Leighton	01383 412 998	Arrivals	01274 589 898
<b>KEIGHLEY</b>		<b>SKIPTON</b>	
Central	01535 602 121	Station	01756 700 777
Crown	01535 602 020	Skipton	01756 701 122
Metcare	01535 680 034	CJs	01756 797 969
<b>KINGUSSIE</b>		<b>STIRLING</b>	
Kingussie	01540 661 343	Rabs	01786 812 909
Bike Transport	07902 242 301	CityCabs	01786 465 557
		Albion	01786 811 111
<b>KIRKCALDY</b>		<b>STONEHAVEN</b>	
Ellis	01592 654 100	E and H	01569 763 626
Dunnikier	01592 205 040	A and I	01569 764 333
Raith	01592 261 262	Sandys	01569 762 258
Regal	01592 200 300	Carron	01569 785 630

# Contacts for staff use only

Service Delivery Team – York ROC	
Duty Service Delivery Manager	
Senior Train Service Manager	
Emergency Helpline	
Operations Support Controller	
Resource Controller – Rolling Stock	

Resource Controller - Train Crew	
Hitachi Maintenance Controller	
Drivers Helpline	
Duty Customer Experience Manager	
Customer Information Controller	
LNER Social Media Team	

Customer Experience Controller	
Stagecoach Rail Replacement	

### EPOS and Catering

Customer Experience Controller	
Epos and IS Service Desk	
The Shared Support Service Centre	

### British Transport Police

In an emergency	999
In an emergency on a train contact: LNER Service Delivery Team	
To report a crime	
Non-emergency general enquiries	
To speak directly to a specific person or department	
General Police contacts	
CrimeStoppers	0800 555 111
Confidential Anti-Terrorist Hotline	0800 789 321
Hate Crime	<a href="https://report-it.org.uk">report-it.org.uk</a>

The Police service has launched a way for victims of hate crime to report the crime online. The website, called True Vision, provides information for victims and the public about what hate crime is, why it is important to report it when it happens, and sets out the range of ways hate crimes can be reported, including via an online reporting form.



Stations – South and Central	
London King's Cross	
Stevenage	
Peterborough	
Grantham	
Newark North Gate	
Lincoln	
Retford	
Doncaster	
Selby	
Brough	
Hull	
Wakefield Westgate	
Leeds	
Shipley	
Bradford Forster Square	
Keighley	
Skipton	
Horsforth	
Harrogate	
Stations - North	
York	
Northallerton	
Darlington	

## Stations - North (continued)

Durham	
Newcastle	
Sunderland	
Morpeth	
Alnmouth	
Berwick-upon-Tweed	
Dunbar	
Edinburgh Waverley	
Haymarket	
Motherwell	
Glasgow Central	
Inverkeithing	
Kirkcaldy	
Leuchars	
Dundee	
Arbroath	
Montrose	
Stonehaven	
Aberdeen	
Falkirk Grahamston	
Stirling	
Perth	
Pitlochry	
Kingussie	
Aviemore	
Inverness	

## Travel Irregularities

Debt Recovery	
If fraud is suspected, please contact: Fraud Managers	

## Travel Centres

London King's Cross	
Stevenage	
Peterborough	
Grantham	
Newark North Gate	
Retford	
Doncaster	
Wakefield Westgate	
Leeds	
York	
Darlington	
Durham	
Newcastle	
Berwick-upon-Tweed	
Dunbar	
Edinburgh Waverley	

## Atalian Servest Presentation Teams

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