

7. Service Specification

Route: 141

QC40104

This Service Specification forms section 7 of the ITT and should be read in conjunction with the ITT document, Version 1 dated 29 September 2011.

You are formally invited to tender for the provision of the bus service detailed below and in accordance with this Service Specification. Tenderers must ensure that a Compliant Tender is submitted and this will only be considered for evaluation if all parts of the Tender documents, as set out in section 11, have been received by the Corporation by the Date of Tender. The Tender must be fully completed in the required format, in accordance with the Instructions to Tenderers. A Compliant Tender must comply fully with the requirements of the Framework Agreement; adhere to the requirements of the Service Specification; and reflect the price of operating the Services with new vehicles.

Terminus Points	Palmers Green, North Circular Road/Green Lanes to London Bridge Bus Station, Bay C
Contract Basis	Incentivised
Commencement Date	12 th January 2013
Vehicle Type	87 capacity, dual door, double deck buses
Current Maximum Approved Dimensions	10.1 metres long and 2.55 metres wide
New Vehicles Mandatory	Yes
Hybrid Price Required	Yes
Sponsored Route	No
Minimum Performance Standard	Average Excess Wait Time - No more than 1.20 minutes
Extension Threshold	Average Excess Wait Time Threshold - 1.05 minutes
Advertising Rights	Operator
Minimum Operated Mileage Standard	No less than 98.00%

The Date of Tender for this ITT is: No later than 12 Noon on 4th January 2012

Tenderers should refer to section 3 of Part A for the Service Specification Explanatory Notes and Appendix B of section 5 for the Example Service Specification of the ITT document.

SERVICE SPECIFICATION

- 1) SERVICE SPEC – ROUTE SPECIFICATION INFORMATION
- 2) NOTES
- 3) SCHEDULE REQUIREMENTS & PINCHPOINTS
- 4) QSI POINTS & MILEAGE
- 5) OPERATIONAL CONSIDERATIONS
- 6) CURRENT PERFORMANCE ROUTE RECORD & IBUS MILEAGE

2) NOTES

Proposed Changes:

At this time, the Corporation expects to implement a change to the existing service prior to the commencement of the new Route Agreement for Route No. 141.

- As part of the works for the North Circular Road additional lane improvements, Green Lanes is restricted to one lane in each direction at all times between Palmerston Crescent and Tottenham Road until 25th November 2011. As a result, Route No. 141 is withdrawn between Palmers Green, North Circular Road/Green Lanes and Wood Green Station, High Road for the duration of the works.
- From 16th December 2011, due to London Bridge Bus Station works and resulting loss of stand space, Route No. 141 will be diverted to stand at St. Thomas Street. Buses will be diverted from Borough High Street to St. Thomas Street to set down and stand at a temporary 4 bus stand at the location of stop 33603 (stop K). From stand, buses will operate from St. Thomas Street via Stainer Street and Tooley Street to pick-up at stop 2197 (stop S) and will then operate via Duke Street Hill before re-joining line of routeing at London Bridge. This diversion is expected to last for approximately 6 months.

Tenderers should note that the following alterations (subject to consultation) are proposed as part of this Service Specification for introduction with the new Route Agreement:

- Tenderers should refer to the schedules dated 3rd January 2009 rather than the current temporary schedules.
- Route No. 141 is specified to terminate at Palmers Green, North Circular Road/Green Lanes, but will not stand in the bus garage. Tenderers should assume that a suitable stand will be made available within 5 minutes running time (in each direction) of this location.
- On Mondays to Fridays, ex Palmers Green, North Circular Road/Green Lanes, an additional two peak flow journeys are specified to provide a frequency of every 4-5 minutes (13 buses per hour) between 0715 and 0815.

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Palmers Green, North Circular Road/Green Lanes to London Bridge Bus Station, Bay C		London Bridge Bus Station, Bay C to Palmers Green, North Circular Road/Green Lanes			
First departure no later than 0425.		First departure no later than 0510.			
0420 - 0525	Every 12 minutes	0505 - 0610	Every 12 minutes		
0526 - 0545	Every 10 minutes	0611 - 0640	Every 10 minutes		
0546 - 0600	Every 7-8 minutes (8 buses per hour)	0641 - 0710	Every 7-8 minutes (8 buses per hour)		
0601 - 0625	Every 6-7 minutes (9 buses per hour)	0711 - 0830	Every 6-7 minutes (9 buses per hour)		
0626 - 0715	Every 6 minutes	0831 - 1000	Every 6 minutes		
0716 - 0815	Every 4-5 minutes (13 buses per hour)	1001 - 1715	Every 6-7 minutes (9 buses per hour)		
0816 - 1825	Every 6-7 minutes (9 buses per hour)	1716 - 1815	Every 6 minutes		
1826 - 1855	Every 7-8 minutes (8 buses per hour)	1816 - 1915	Every 6-7 minutes (9 buses per hour)		
1856 - 2005	Every 10 minutes	1916 - 2015	Every 7-8 minutes (8 buses per hour)		
2006 - 0010	Every 12 minutes	2016 - 2055	Every 10 minutes		
		2056 - 0100	Every 12 minutes		
Last departure no earlier than 0005.		Last departure no earlier than 0055.			
Pinchpoints					
Moorgate, Finsbury Square	0705 - 0805	6 minutes	Manor House Station	0710 - 0740	8 minutes
	0806 - 0905	5 minutes		0741 - 0910	7 minutes
	1500 - 1630	7 minutes		1500 - 1630	7 minutes

3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued

3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Palmers Green, North Circular Road/Green Lanes to London Bridge Bus Station, Bay C			London Bridge Bus Station, Bay C to Palmers Green, North Circular Road/Green Lanes		
First departure no later than 0425.			First departure no later than 0510.		
0420 - 0640	Every 12 minutes		0505 - 0735	Every 12 minutes	
0641 - 0740	Every 10 minutes		0736 - 0835	Every 10 minutes	
0741 - 1755	Every 7-8 minutes (8 buses per hour)		0836 - 1920	Every 7-8 minutes (8 buses per hour)	
1756 - 1925	Every 10 minutes		1921 - 2020	Every 10 minutes	
1926 - 0010	Every 12 minutes		2021 - 0100	Every 12 minutes	
Last departure no earlier than 0005.			Last departure no earlier than 0055.		
Pinchpoints					
Moorgate, Finsbury Square	0930 - 1100	8 minutes	Manor House Station	0905 - 1105	8 minutes

3.3) SUNDAY AND PUBLIC HOLIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Palmers Green, North Circular Road/Green Lanes to London Bridge Bus Station, Bay C			London Bridge Bus Station, Bay C to Palmers Green, North Circular Road/Green Lanes		
First departure no later than 0545.			First departure no later than 0630.		
0540 - 0745	Every 15 minutes		0625 - 0830	Every 15 minutes	
0746 - 0010	Every 12 minutes		0831 - 0100	Every 12 minutes	
Last departure no earlier than 0005.			Last departure no earlier than 0055.		
Pinchpoints					
Moorgate, Finsbury Square	1030 - 1130	12 minutes	Manor House Station	1030 - 1130	12 minutes

3.4) BOXING DAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Palmers Green, North Circular Road/Green Lanes to London Bridge Bus Station, Bay C			London Bridge Bus Station, Bay C to Palmers Green, North Circular Road/Green Lanes		
First departure no later than 0810.			First departure no later than 0800.		
0805 - 0010	Every 12 minutes		0755 - 0830	Every 15 minutes	
			0831 - 0100	Every 12 minutes	
Last departure no earlier than 0005.			Last departure no earlier than 0055.		
Pinchpoints					
Moorgate, Finsbury Square	1030 - 1130	12 minutes	Manor House Station	1030 - 1130	12 minutes

4) QSI POINTS & MILEAGE

It is intended Route No. 141 will have 112 surveys per quarter at the following locations:

QSI POINTS	
Towards London Bridge Bus Station, Bay C	Towards Palmers Green, North Circular Road/Green Lanes
Palmers Green	London Bridge
Harringay \$	Finsbury Square \$
Newington Green (AM only)	Newington Green (PM only)
Finsbury Square \$	Harringay \$
MILEAGE: See Attached iBus Sheets	

\$ This location is recorded simultaneously in both directions - counted as two surveys.

5) OPERATIONAL CONSIDERATIONS

- 5.1) Route No. 141 should interwork with Route No. 21 between Newington Green and Bank Station, Princes Street during the Monday to Fridays interpeak, all evenings and Sundays and be separated during all other periods, where possible.
- 5.2) Route No. 141 should be separated from Route No. N29 to form a seamless 24 hour service between Palmers Green, North Circular Road/Green Lanes and Manor House Station.
- 5.3) Route No. 141 should be separated from Route No. 29 between Wood Green Station, High Road and Manor House Station during all periods, where possible.
- 5.4) Route No. 141 should interwork with Route No. 43 between Moorgate Station and London Bridge Bus Station, Bay C on Saturdays and all evenings and be separated during all other periods, where possible.
- 5.5) Route No. 141 should interwork with Route No. 76 between Hoxton, Baring Street and Moorgate Station during all evenings and Sundays and be separated during all other periods, where possible.
- 5.6) When compiling schedules Tenderers are asked to consider passengers making connections to other services at the following locations: Wood Green LUL station, Turnpike Lane LUL station, Harringay rail station, Harringay Green Lanes rail station, Manor House rail station, Moorgate LUL & rail station and London Bridge LUL & rail station.
- 5.7) Route No. 141 can suffer unpredictable traffic delays in the Wood Green, Harringay, Newington Green and London Bridge areas.

4) OPERATIONAL CONSIDERATIONS - continued

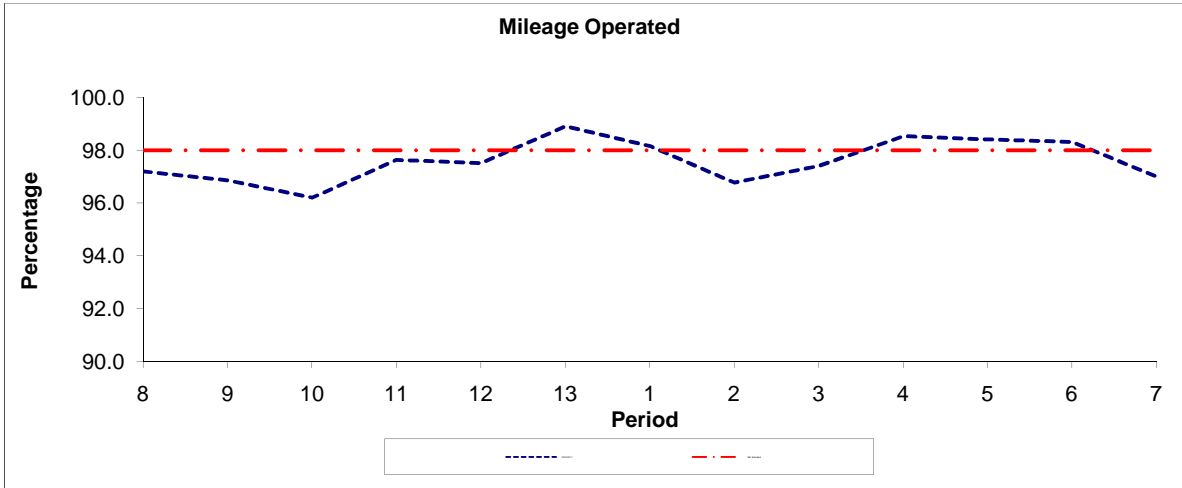
- 5.8) Tenderers should assume that a suitable bus stand will be provided in the Palmers Green area within 5 minutes running time in each direction from Palmers Green, North Circular Road/Green Lanes.
- 5.9) Crossrail will connect the City, Canary Wharf, the West End and Heathrow Airport to commuter areas east and west of the capital. Major construction of the railway began in 2010, with services expected to commence in 2018. The construction impacts of Crossrail at London Bridge could affect Route No. 141 and it is anticipated that some passenger demand for Route No. 141 would shift to this line when it opens. Route No. 141 will be reviewed closer to the opening date. Expected changes in demand as a result of Crossrail will be reviewed separately.

6) CURRENT PERFORMANCE, ROUTE RECORD & IBUS MILEAGE

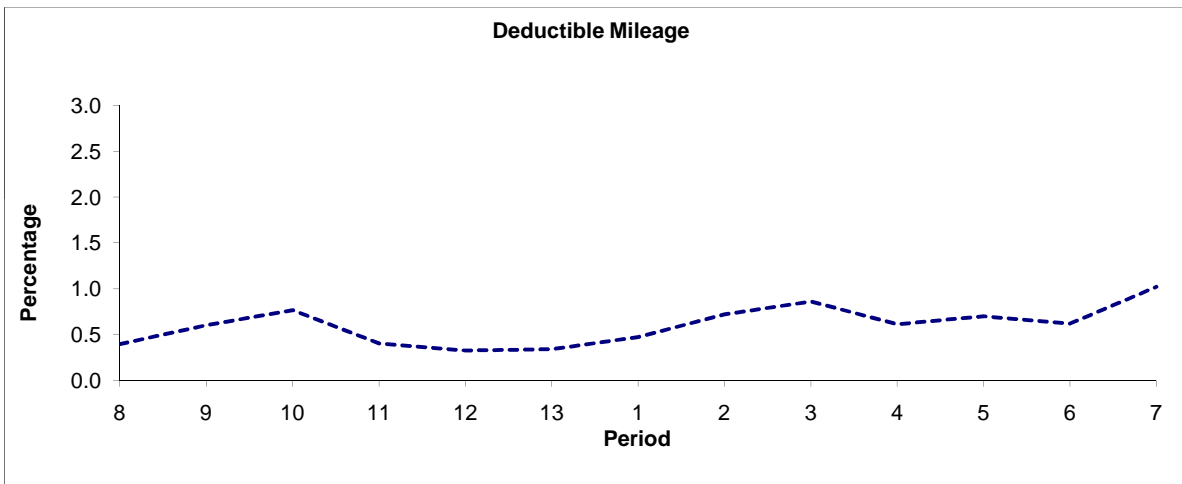
- 6.1) CURRENT PERFORMANCE
As per current print out.
- 6.2) ROUTE RECORD
As per Busnet Printout.
- 6.3) IBUS MILEAGE
As per current print out.

PART B - PERFORMANCE STATISTICS

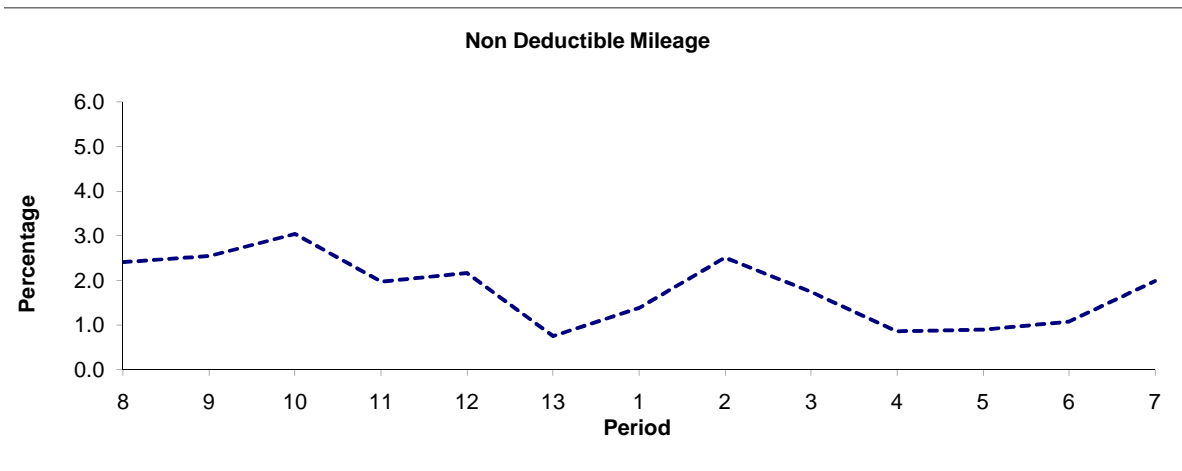
Route 141



Period	8	9	10	11	12	13	1	2	3	4	5	6	7
2010/2011	97.20	96.86	96.20	97.63	97.51	98.91	98.15	96.77	97.40	98.53	98.41	98.31	97.00
Min Standard	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00



Period	8	9	10	11	12	13	1	2	3	4	5	6	7
2010/2011	0.40	0.60	0.77	0.40	0.32	0.34	0.47	0.72	0.86	0.61	0.70	0.62	1.02

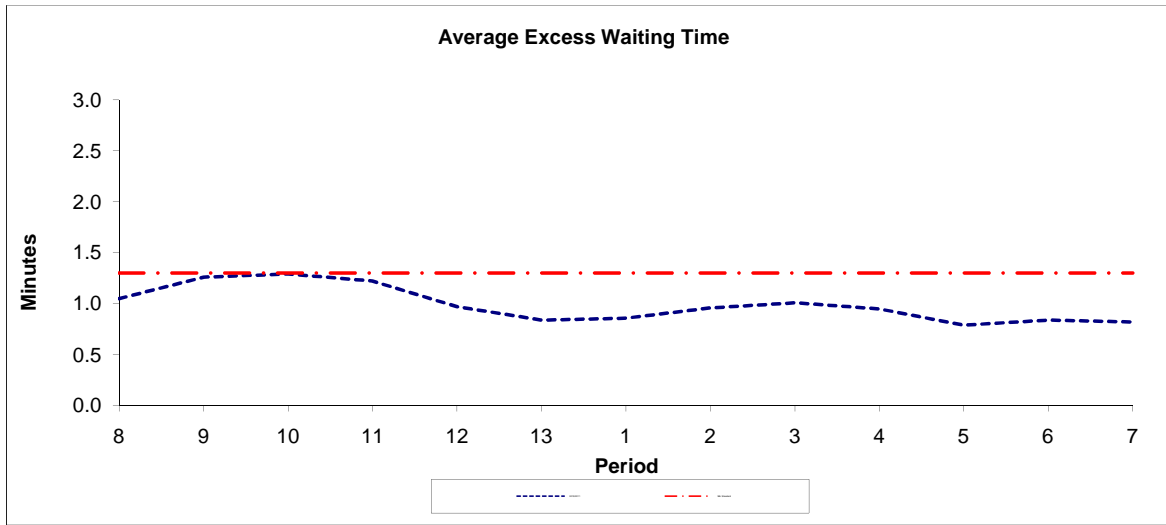


Period	8	9	10	11	12	13	1	2	3	4	5	6	7
2010/2011	2.41	2.54	3.04	1.97	2.16	0.75	1.38	2.51	1.74	0.86	0.89	1.07	1.98

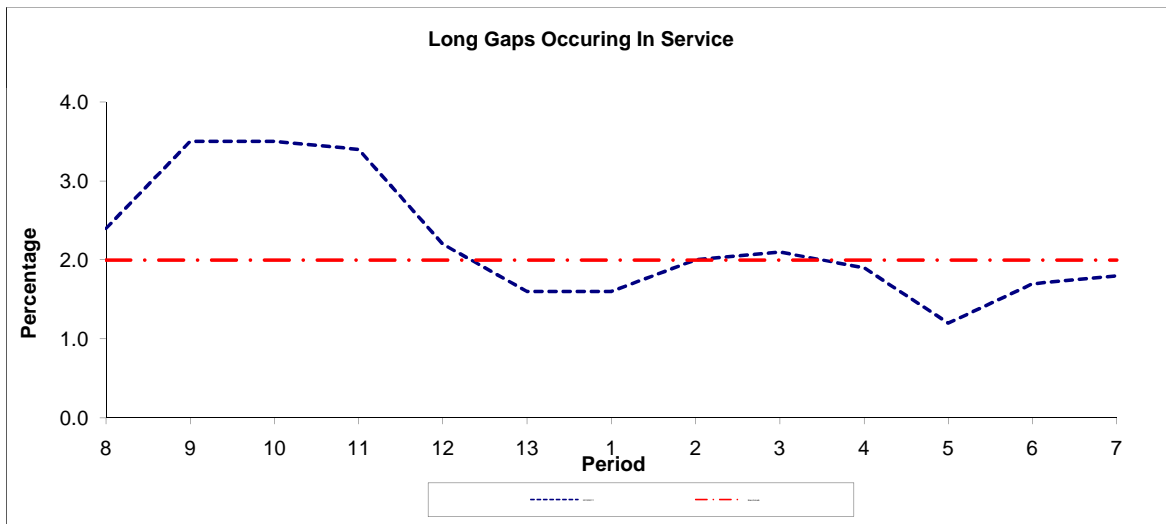
Note : Mileage is based on 4 weeks data

PART B - PERFORMANCE STATISTICS

Route 141



Period	8	9	10	11	12	13	1	2	3	4	5	6	7
2010/2011	1.05	1.26	1.29	1.22	0.97	0.84	0.86	0.96	1.01	0.95	0.79	0.84	0.82
Min Standard	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30



Period	8	9	10	11	12	13	1	2	3	4	5	6	7
2010/2011	2.40	3.50	3.50	3.40	2.20	1.60	1.60	2.00	2.10	1.90	1.20	1.70	1.80
Benchmark	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

Note : Reliability is based on 12 weeks rolling data

LONDON BUSES - ROUTE DESCRIPTION

ROUTE 141: Palmers Green, North Circular Road - London Bridge Station

Date of Structural Change: 12 January 2013.

Date of Service Change: 12 January 2013.

Reason for Issue: New Tender.

STREETS TRAVERSED

Towards London Bridge Station: Green Lanes, Wood Green High Road, Green Lanes, Newington Green (North Side), Newington Green (East Side), Mildmay Park, Southgate Road, Baring Street, New North Road, East Road, City Road, Old Street Roundabout, City Road, Finsbury Square (West Side), Finsbury Pavement, Moorgate, Princes Street, King William Street, London Bridge, Borough High Street, Railway Approach, London Bridge Bus Station, Bay C.

Towards Palmers Green, North Circular Road: Bay C, London Bridge Street, Borough High Street, London Bridge, King William Street, Princes Street, Moorgate, Finsbury Pavement, Finsbury Square (West Side), City Road, Old Street Roundabout, City Road, Provost Street, Vestry Street, East Road, New North Road, Baring Street, Southgate Road, Mildmay Park, Newington Green (South Side), Newington Green (West Side), Green Lanes, Wood Green High Road, Green Lanes.

AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

Please note that only stands, curtailment points, & blind descriptions as detailed in this contractual document may be used.

DUMMY STAND WITHIN 5 MINUTES

Dummy stand to be used for specifications where a stand definition is unknown but will be within 5 minutes of the set down and pick up points.

Buses proceed from Green Lanes direct to stand, departing to Green Lanes. Set down in Green Lanes, at stop T (4945 - Tottenham Road, Last Stop on LOR: 30743 - Wood Green Station <>) and pick up in Green Lanes, at stop W (10875 - Tottenham Road, First Stop on LOR: BP1795 - Lordship Lane).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 141 should be scheduled to stand at any one time.
MEAL RELIEFS:	No meal relief vehicles to stand at any time.
FERRY VEHICLES:	No ferry vehicles to park on stand at any time.
BLIND DISPLAY:	Palmers Green, North Circular Road.
OTHER INFORMATION:	Toilet facilities to be confirmed.

WOOD GREEN, REDVERS ROAD (from LONDON BRIDGE STATION)

Public stand in four sections for 8 buses in Redvers Road:

- 1 - Offside on east side commencing 7 metres south of Lordship Lane and extending 49 metres south.
- 2 - Offside on east side commencing level with south side of Buller Road and extending 20 metres south.
- 3 - On west side commencing 30 metres south of Buller Road and extending 13 metres south.
- 4 - On west side commencing 52 metres south of Buller Road and extending 12 metres south.

Buses proceed from Wood Green High Road via Gladstone Avenue, Moselle Avenue and Redvers Road to stand, departing via Redvers Road and Lordship Lane to Wood Green High Road. Set down in Wood Green High Road, at Stop HB (30743 - Wood Green Station <>), Last Stop on LOR: 30743 - Wood Green Station <>) and pick up in Wood Green High Road, at Stop G (BP1795 - Lordship Lane, First Stop on LOR: BP1795 - Lordship Lane).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	Unscheduled curtailments only.
MEAL RELIEFS:	No meal relief vehicles to stand at any time.
FERRY VEHICLES:	No ferry vehicles to park on stand at any time.
BLIND DISPLAY:	Wood Green.
OTHER INFORMATION:	Council toilet facilities available 0900-1730 daily.

TURNPIKE LANE STATION (from LONDON BRIDGE STATION)

Private stand for 10 buses in marked bays in Turnpike Lane Bus Station on east side of Green Lanes.

Buses proceed from Green Lanes via Carlingford Road and Turnpike Lane Bus Station to stand, departing via Turnpike Lane Bus Station to Green Lanes. Set down in Green Lanes, at Stop U (29775 - Turnpike Lane Station <>), Last Stop on LOR: 29775 - Turnpike Lane Station <>) and pick up in Green Lanes, at Stop Z (9986 - West Green Road, First Stop on LOR: 9986 - West Green Road).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: Unscheduled curtailments only
MEAL RELIEFS: No meal relief vehicles to stand at any time.
FERRY VEHICLES: No ferry vehicles to park on stand at any time.
BLIND DISPLAY: Turnpike Lane Station.

HARRINGAY, SALISBURY (from LONDON BRIDGE STATION)

Buses proceed from Green Lanes via St Ann's Road, Harringay Road and Colina Road departing to Green Lanes. Set down in Green Lanes, at Stop HH (1041 - St Ann's Road, Last Stop on LOR: 1041 - St Ann's Road) and pick up in Green Lanes, at Stop HK (1042 - St Ann's Road, First Stop on LOR: 1042 - St Ann's Road).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: **Turning Point Only - Buses must not stand**
BLIND DISPLAY: Harringay, Salisbury Road.

GREEN LANES, GLOUCESTER DRIVE (from LONDON BRIDGE STATION)

Public stand for two buses on north side of Portland Rise, commencing at a point opposite Number 40. extending 22 metres north west.

Buses proceed from Green Lanes via Gloucester Drive, Alexandra Grove, Henry Road and Portland Rise to stand, departing via Portland Rise to Green Lanes. Set down in Green Lanes, at Stop M (BP1202 - Myddleton Avenue, Last Stop on LOR: BP1202 - Myddleton Avenue) and pick up in Green Lanes, at Stop PD (2430 - Lordship Park, First Stop on LOR: 2430 - Lordship Park).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: Unscheduled curtailments only.
MEAL RELIEFS: No meal relief vehicles to stand at any time.
FERRY VEHICLES: No ferry vehicles to park on stand at any time.
BLIND DISPLAY: Green Lanes, Gloucester Drive.

NEWINGTON GREEN

From London Bridge Station.

Buses proceed from Newington Green (West Side) via Newington Green (North Side) departing to Newington Green (East Side). Set down in Newington Green (west Side), at Stop NK (1080 - Newington Green, Last Stop on LOR: 1080 - Newington Green) and pick up in Newington Green (east Side), at Stop NE (2442 - Newington Green, First Stop on LOR: 2442 - Newington Green).

From Palmers Green, North Circular Road.

Buses proceed from Newington Green (East Side) via Newington Green (South Side) departing to Newington Green (West Side). Set down in Newington Green (east Side), at Stop NE (2442 - Newington Green, Last Stop on LOR: 2442 - Newington Green) and pick up in Newington Green (west Side), at Stop NK (1080 - Newington Green, First Stop on LOR: 1080 - Newington Green).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: **Turning Point Only - Buses must not stand**
BLIND DISPLAY: Newington Green.

HOXTON, BARING STREET

Public stand for two buses on west side of Bridport Place, commencing 10 metres south of Wiltshire Row and extending 20 metres south.

From London Bridge Station.

Buses proceed from Baring Street via Bridport Place to stand, departing via Bridport Place and Poole Street to New North Road. Set down in Baring Street, at Stop XE (72 - Baring Street, Last Stop on LOR: 72 - Baring Street) and pick up in New North Road, at Stop XL (2452 - Eagle Wharf Road, First Stop on LOR: 2452 - Eagle Wharf Road).

From Palmers Green, North Circular Road.

Buses proceed from Southgate Road via Bridport Place to stand, departing via Bridport Place, Poole Street and New North Road to Baring Street. Set down in Southgate Road, at Stop XD (71 - Canal Walk, Last Stop on LOR: 71 - Canal Walk) and pick up in Baring Street, at Stop XE (72 - Baring Street, First Stop on LOR: 72 - Baring Street).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: Unscheduled curtailments only.
MEAL RELIEFS: No meal relief vehicles to stand at any time.
FERRY VEHICLES: No ferry vehicles to park on stand at any time.
BLIND DISPLAY: Hoxton, Baring Street.

OLD STREET STATION, EAST ROAD (from Palmers Green, North Circular Road)

Public stand for two buses on east side of East Road, commencing at bus stop 36838 and extending 19 metres north.

Buses proceed from East Road direct to stand, departing via East Road, City Road, Old Street Roundabout and City Road to Provost Street. Set down in East Road, at Stop XN (2456 - Bevenden Street, Last Stop on LOR: 2456 - Bevenden Street) and pick up in Provost Street, at Stop A (33436 - Provost Street / Moorfields Eye Hospital, First Stop on LOR: 33436 - Provost Street / Moorfields Eye Hospital).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: Unscheduled curtailments only
MEAL RELIEFS: No meal relief vehicles to stand at any time.
FERRY VEHICLES: No ferry vehicles to park on stand at any time.
BLIND DISPLAY: Old Street Station.

MOORGATE, FINSBURY SQUARE, EAST SIDE (from Palmers Green, North Circular Road)

Public stand for three buses on east side of Finsbury Square, commencing 75 metres south of Christopher Street and extending 30 metres north. Buses must not obstruct the entrance to Finsbury Square House.

Buses proceed from City Road via Finsbury Square (North Side) and Finsbury Square (East Side) to stand, departing via Finsbury Square (East Side) and Finsbury Square (South Side) to Finsbury Square (West Side). Set down in City Road, at Stop XG (2460 - Epworth Street, Last Stop on LOR: 2460 - Epworth Street) and pick up in Finsbury Square (west Side), at Stop D (2463 - Finsbury Square, First Stop on LOR: 2463 - Finsbury Square).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: Unscheduled curtailments only.
MEAL RELIEFS: No meal relief vehicles to stand at any time.
FERRY VEHICLES: No ferry vehicles to park on stand at any time.
BLIND DISPLAY: Moorgate, Finsbury Square.

MONUMENT STATION (from Palmers Green, North Circular Road)

Buses proceed from King William Street via Monument Street, Fish Street Hill, Lower Thames Street and Arthur Street departing to King William Street. Set down in King William Street, at Stop G (14691 - King William Street / Monument Stn <>, Last Stop on LOR: 14691 - King William Street / Monument Stn <>) and pick up in King William Street, at Stop G (27954 - Bank Station <> / King William Street, First Stop on LOR: 2468 - Bank Station <> / Princes Street).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: **Turning Point Only - Buses must not stand**
BLIND DISPLAY: Monument.

LONDON BRIDGE BUS STATION, STAND C

Private stand for 4 buses in Bay C on London Bridge Station Forecourt.

Buses proceed from Bay C direct to stand, departing to Bay C. Set down in Bay C, at Stop C (35427 - London Bridge Bus Station <> #, Last Stop on LOR: 35427 - London Bridge Bus Station <> #) and pick up in Bay C, at Stop C (35427 - London Bridge Bus Station <> #, First Stop on LOR: 35427 - London Bridge Bus Station <> #).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 141 should be scheduled to stand at any one time.
MEAL RELIEFS:	No meal relief vehicles to stand at any time.
FERRY VEHICLES:	No ferry vehicles to park on stand at any time.
BLIND DISPLAY:	London Bridge.
OTHER INFORMATION:	Decaux & Railtrack toilet facilities available 24 hours.

Transport for London - Live Mileage List

Route 141
 Service change 20619
 Date 2 November 2009

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
AD GR S	AD GR S	PALMERS GREEN BUS GARAGE		
PALMNC	10875	Tottenham Road	0	0.00
	10871	Berkshire Gardens	321	0.20
	R0722	Arcadian Gardens	171	0.11
	760	Wood Green Police Station	405	0.25
	10868	Canning Crescent	185	0.11
	10866	Haringey Civic Centre	210	0.13
WN GR	1488	Wood Green Station	268	0.17
WDGNHR	BP1795	Lordship Lane	135	0.08
	BP2778	Brampton Park Road	449	0.28
TLNGL	375	Turnpike Lane Station	330	0.21
	9986	West Green Road	345	0.21
	804	Falkland Road	206	0.13
	9988	Beresford Road	217	0.13
	1042	St. Ann's Road	158	0.10
	9990	Mattison Road	272	0.17
	4838	Harringay Green Lanes Station	302	0.19
	9992	Endymion Road	212	0.13
	BP842	Rowley Gardens	344	0.21
MNHSSN	607	Manor House Station	204	0.13
	403	Portland Rise Estate	178	0.11
	2428	Portland Rise	304	0.19
	2430	Lordship Park	330	0.21
	BP1201	Kings Crescent Estate	263	0.16
	2434	Riversdale Road	291	0.18
	2436	Stoke Newington Church Street	304	0.19
	2438	Petherton Road	238	0.15
	2440	Aden Grove	205	0.13
	1081	Albion Road	167	0.10
NEWNGN	2442	Newington Green	163	0.10
	2444	Mildmay Grove	259	0.16
	911	Balls Pond Road	263	0.16
	2446	Southgate Road / Ardleigh Road	311	0.19
	953	Northchurch Road	244	0.15
	2449	Downham Road	203	0.13
	71	Canal Walk	269	0.17
HOXTBS	2450	Baring Street	290	0.18
	2452	Eagle Wharf Road	237	0.15
	863	Mintern Street	281	0.17
	2456	Bevenden Street	268	0.17
	861	Old Street Stn / Moorfields Eye Hosp	300	0.19
	187	City Road / Leonard Street	399	0.25
	2460	Epworth Street	175	0.11
FINSSQ	2462	Finsbury Square	284	0.18
	R0089	Moorgate Station	268	0.17
	2466	Great Swan Alley	228	0.14
BANKSNP	BP933	Bank Station / Princes Street	225	0.14
	14691	King William Street / Monument Station	314	0.20
	BP140	Monument Station	246	0.15
LONBSNC	35427	London Bridge Bus Station	580	0.36
LONBSNCS	LONBSNCS	London Bridge Bus Station, Stand C	0	0.00
TOTAL ROUTE MILEAGE - OUT DIRECTION			12821	7.97
			metres	miles

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
LONBSNCS	LONBSNCS	London Bridge Bus Station, Stand C		
LONBSNC	35427	London Bridge Bus Station	0	0.00
	978	London Bridge	299	0.19
	2123	Monument Station	324	0.20
	27954	Bank Station / King William Street	330	0.21
BANKSNP	2468	Bank Station / Princes Street	254	0.16
	2467	London Wall	280	0.17
	1160	Moorgate Station	223	0.14
FINSSQ	2463	Finsbury Square	301	0.19
	29071	Old Street Station	743	0.46
	33436	Provost Street / Moorfields Eye Hospital	506	0.31
	2455	Bevenden Street	261	0.16
	862	Mintern Street	325	0.20
	25130	Eagle Wharf Road	250	0.16
HOXTBS	72	Baring Street	297	0.18
	2448	Downham Road	304	0.19
	954	Northchurch Road	284	0.18
	949	Englefield Road	170	0.11
	13619	Balls Pond Road	399	0.25
	BP1896	Mildmay Library	135	0.08
	2443	Newington Green / Mildmay Road	283	0.18
NEWNGN	1080	Newington Green	248	0.15
	2441	Aden Grove	331	0.21
	2439	Petherton Road	196	0.12
	2437	Green Lanes / Stoke Newington Church St	336	0.21
	BP4326	Riversdale Road	133	0.08
	2435	Kings Crescent Estate	204	0.13
	2431	Brownswood Road	242	0.15
	BP1202	Myddleton Avenue	296	0.18
	2429	Portland Rise	218	0.14
MNHSSN	26436	Manor House Station	326	0.20
	606	Manor House Station / Woodberry Grove	111	0.07
	BP833	Rowley Gardens	199	0.12
	9993	Endymion Road	245	0.15
	4839	Harringay Green Lanes Station	230	0.14
	9991	Mattison Road	319	0.20
	1041	St. Ann's Road	195	0.12
	9989	Beresford Road	258	0.16
	805	Falkland Road	297	0.18
TLSNGL	29775	Turnpike Lane Station	307	0.19
	9984	Brampton Park Road	396	0.25
	9982	Wood Green Shopping City	282	0.18
WDGNHR	BP1794	Wood Green Station	328	0.20
WN GR	33760	Wood Green Bus Garage	126	0.08
	10864	Haringey Civic Centre	245	0.15
	759	Wood Green Police Station	331	0.21
	2009	Arcadian Gardens	323	0.20
	10872	Berkshire Gardens	395	0.25
PALMNC	4945	Tottenham Road	249	0.15
AD GR S	AD GR S	PALMERS GREEN BUS GARAGE	0	0.00
TOTAL ROUTE MILEAGE - BACK DIRECTION			13334	8.29
			metres	miles