

7. Service Specification

Route: 141

Contract Reference: QC59403

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 and London Bridge Station, Bus Station Bay C
Contract Basis	Incentivised
Commencement Date	13 th January 2018
Vehicle Type	87 capacity, dual door, double deck buses
Current Maximum Approved Dimensions	10.4 metres long and 2.55 metres wide
New Vehicles Mandatory	Yes
Hybrid Price Required	Yes
Sponsored Route	No
Advertising Rights	Operator
Minimum Performance Standard	Average Excess Wait Time - No more than 1.20 minutes
Extension Threshold	Average Excess Wait Time Threshold - 1.10 minutes
Minimum Operated Mileage Standard	No less than 98.00%

The Date of Tender for this ITT is:

No later than 12 Noon on 20th March 2017

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) OPERATIONAL CONSIDERATIONS
- 5) ROUTE RECORD, CURRENT PERFORMANCE, QSI BY TIME OF DAY, IBUS MILEAGE & QSI POINTS

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.

- Two additional buses, introduced for RMP works are withdrawn on 1 April 2017
- On 13 March 2017 the diversion introduced to facilitate Crossrail works in Moorgate is withdrawn. Normal line of routing will resume.

Tenderers should note that there are no changes proposed as part of this Service Specification for Route No. 141.

- **Tenderers should refer to the schedules dated 30/11/2015 rather than the current temporary schedules.**
- 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.

The Mayor and Transport for London (TfL) have developed a proposal for an Ultra Low Emission Zone (ULEZ) in Central London.

The ULEZ is planned to take effect during the life of this contract and will apply 24 hours a day, 7 days a week. All double deck buses operating for TfL within the zone will be required to be hybrid (to Euro VI or better emissions standard).

- **Any existing Euro V hybrid vehicles will need to be upgraded to reduce the NOx and PM emissions to the equivalent of Euro VI. The costs to achieve this upgrade should be included in the overall tender price. For LBSL budgeting purposes, the cost (per vehicle) to the operator of the upgrade should also be identified separately.**
- **Tenderers should be specific about the technologies and vehicle types being proposed in Part 6 of their submission, so that the emissions and passenger benefits can be correctly assessed. Tenderers should also provide full details of any new types of vehicle or technology (including dimensioned drawings) proposed within the tender that have not already been approved by TfL.**

2) NOTES - continued.

Operators should provide the following prices:

- 1. Annual diesel price - based on minimum 5 year contract.**
- 2. Annual diesel-electric hybrid price - based on minimum 5 year contract.**

Tenderers are encouraged to offer alternative vehicle options in accordance with Part 9 of their tender, including but not limited to:

- 1. New two door, single staircase vehicles inspired by the New Routemaster in respect of both their external and internal design, to the appropriate specification agreed between TfL and the manufacturers.**
- 2. Vehicles that offer genuine increased capacity on two axles and are certified as such.**
- 3. Modifications to reduce emissions and fuel consumption (including energy storage, engine stop/start, extended zero-emission range and/or energy efficient components)**
- 4. Existing vehicles.**

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Palmers Green, North Circular Road/Green Lanes to London Bridge Station, Bus Station Bay C		London Bridge Station, 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 Station	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 Station, Bus Station Bay C			London Bridge Station, 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 Station	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 Station, Bus Station Bay C			London Bridge Station, 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 Station	1030 - 1130	12 minutes	Manor House Station	1030 - 1130	12 minutes

Tenderers must identify the cost of the Boxing Day element of this service separately.

4) OPERATIONAL CONSIDERATIONS

- 4.1) 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.
- 4.2) 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.
- 4.3) 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.
- 4.4) Route No. 141 should interwork with Route No. 43 between Moorgate Station and London Bridge Station, Bus Station Bay C on Saturdays and all evenings and be separated during all other periods, where possible.
- 4.5) 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.
- 4.6) Route No. 141 can suffer unpredictable traffic delays in the Wood Green, Harringay, Newington Green and London Bridge areas.
- 4.7) 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.
- 4.8) Investigation is underway for the enhancement of bus services to the Colville Estate. The successful operator will be notified of any changes.
- 4.9) The Bank Junction scheme is planned for introduction in 2017. This will allow a possible saving in the cycle time during the AM peaks. The successful operator will be notified of any changes planned for Route No 141.

**5) ROUTE RECORD, CURRENT PERFORMANCE, QSI BY TIME OF DAY,
IBUS MILEAGE & QSI POINTS**

5.1) ROUTE RECORD
As per Busnet printout.

5.2) CURRENT PERFORMANCE
As per current print out.

5.3) QSI BY TIME OF DAY
As per current print out.

5.4) IBUS MILEAGE & QSI POINTS
As per current print out.

LONDON BUSES - ROUTE DESCRIPTION

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

Date of Structural Change: 13 January 2018.

Date of Service Change: 13 January 2018.

Reason for Issue: New contract 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, Mansion House Street, Lombard Street, King William Street, London Bridge, Railway Approach, Bay C.

Towards Palmers Green, North Circular Road: Bay C, London Bridge Bus Station, London Bridge Street, Borough High Street, London Bridge, King William Street, Lombard Street, Mansion House 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: 4945 - Tottenham Road) and pick up in Green Lanes, at stop W (10875 - Tottenham Road, First Stop on LOR: 10875 - Tottenham Road).

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.

WOOD GREEN, BULLER ROAD (from LONDON BRIDGE STATION)

Public stand for 10 buses in two portions:

1 - On north side of Buller Road commencing 10 metres west of junction with Redvers Road and extending 54 metres west.

2 - On east side (offside) of Redvers Road commencing 7 metres south of Lordship Lane and extending 59 metres south.

Buses proceed from Wood Green High Road via Buller Road to stand, departing via Buller Road, Redvers Road and Lordship Lane to Wood Green High Road. Set down in Wood Green High Road, at stop J (9982 - Wood Green Shopping City, Last Stop on LOR: 9982 - Wood Green Shopping City) 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.

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 - Moorfields Eye Hospital, First Stop on LOR: 33436 - 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 CIRCUS (from Palmers Green, North Circular Road)

Buses proceed from Finsbury Pavement via South Place, Eldon Street, Blomfield Street and London Wall departing to Moorgate. Set down in Finsbury Pavement, at Stop K (2462 - Finsbury Square / Moorgate, Last Stop on LOR: 2462 - Finsbury Square / Moorgate) and pick up in Moorgate, at Stop B (1160 - Moorgate Station <> #, First Stop on LOR: 1160 - Moorgate Station <> #).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: **Turning Point Only - Buses must not stand**
BLIND DISPLAY: Moorgate, Finsbury Circus.

MANSION HOUSE (from Palmers Green, North Circular Road)

Buses proceed from Princes Street via Mansion House Street, Queen Victoria Street, Cannon Street, Friday Street, Queen Victoria Street and Mansion House Street departing to Princes Street. Set down in Princes Street, B (BP933 - Bank Station <> / Princes Street, Last Stop on LOR: BP933 - Bank Station <> / Princes Street) and pick up in Princes Street, A (2468 - Bank Station <> / Princes 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: Mansion House.

LONDON BRIDGE BUS STATION, STAND C

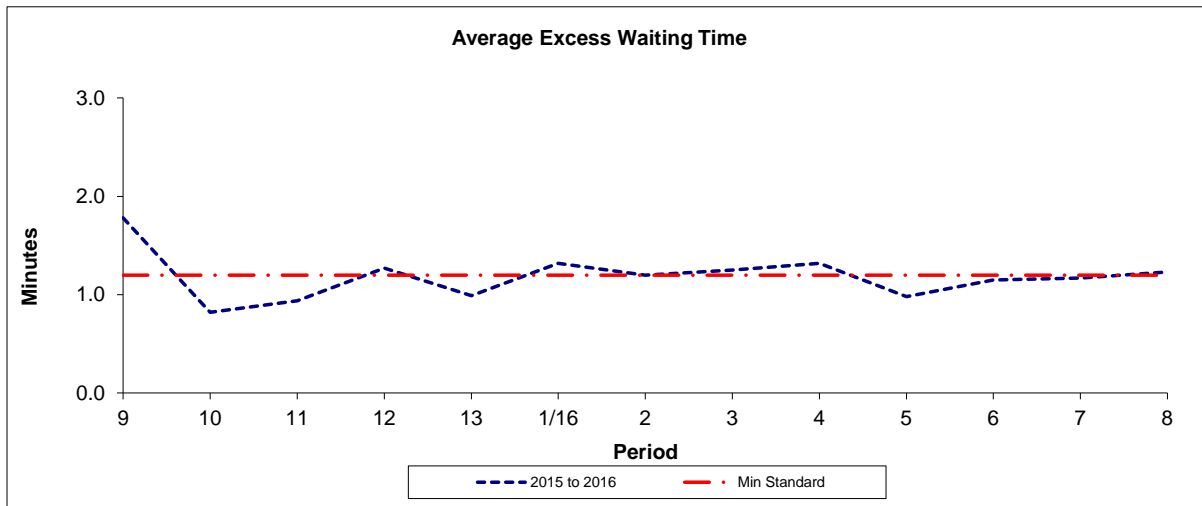
Private stand for three buses on routes 43 and 141 in Bay C in Bus Station on forecourt of London Bridge Station.

Buses proceed from Bay C direct to stand, departing to Bay C. Set down in Bay C, C (BP5681 - London Bridge Station # <>, Last Stop on LOR: BP5681 - London Bridge Station # <>) and pick up in Bay C, C (BP5681 - London Bridge Station # <>, First Stop on LOR: BP5681 - London Bridge Station # <>).

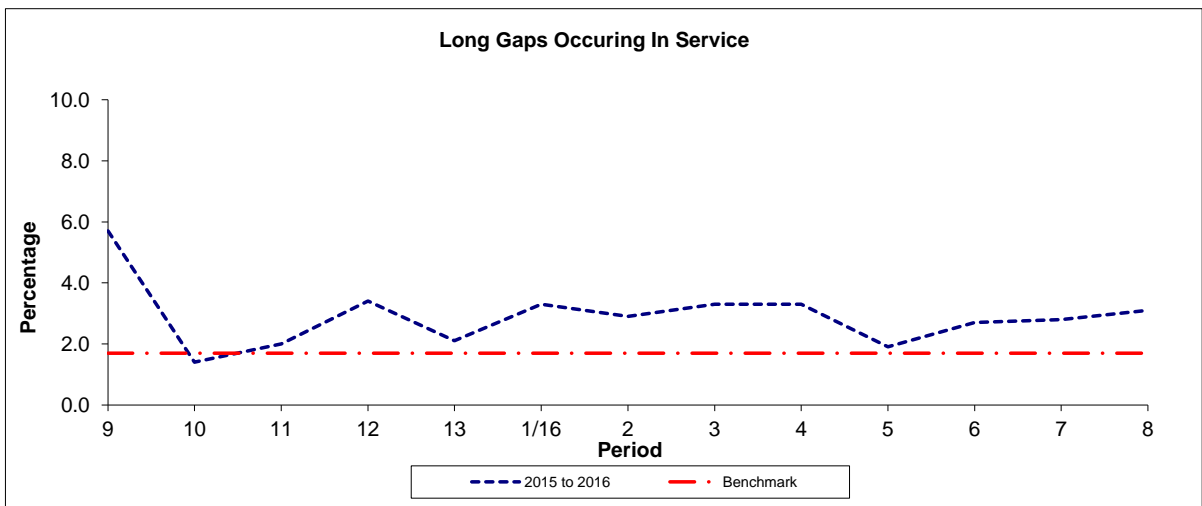
AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 141 should be scheduled to stand at any one time.
MEAL RELIEFS:	No meal relief vehicles to stand at any time.
FERRY VEHICLES:	No ferry vehicles to park on stand at any time.
BLIND DISPLAY:	London Bridge.
OTHER INFORMATION: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

PART B - PERFORMANCE STATISTICS

Route 141



Period	9	10	11	12	13	1/16	2	3	4	5	6	7	8
2015 to 2016	1.78	0.82	0.94	1.27	0.99	1.32	1.20	1.25	1.32	0.98	1.15	1.17	1.23
Min Standard	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20

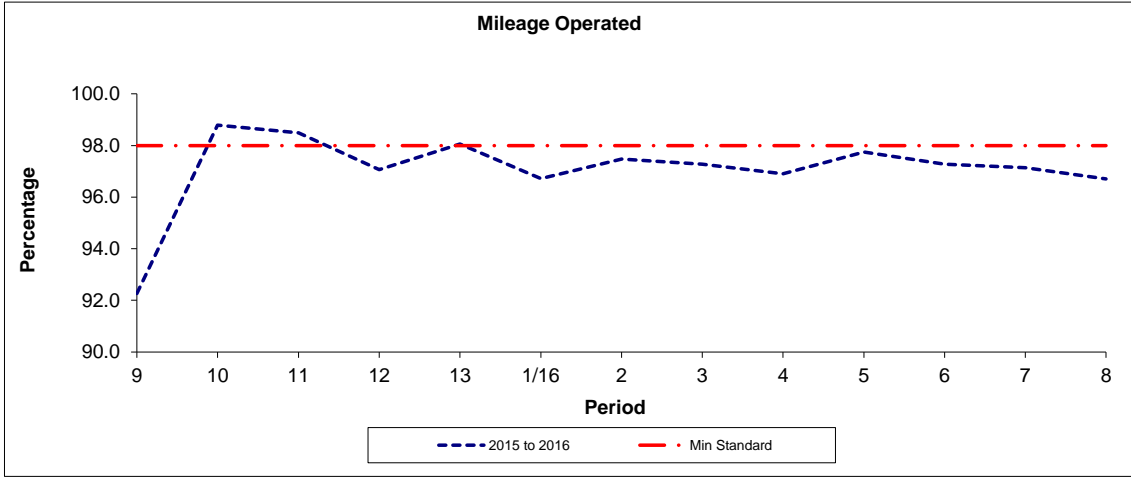


Period	9	10	11	12	13	1/16	2	3	4	5	6	7	8
2015 to 2016	5.7	1.4	2.0	3.4	2.1	3.3	2.9	3.3	3.3	1.9	2.7	2.8	3.1
Benchmark	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7

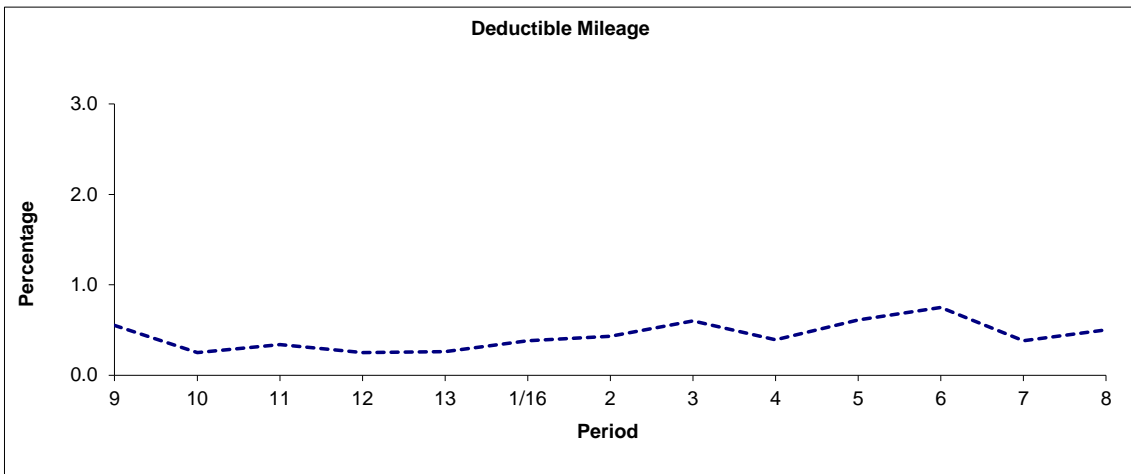
Note : Reliability is actual performance under full iBus (4 weeks data).
 Minimum Standards and Benchmarks are those applicable under the new contract.

PART B - PERFORMANCE STATISTICS

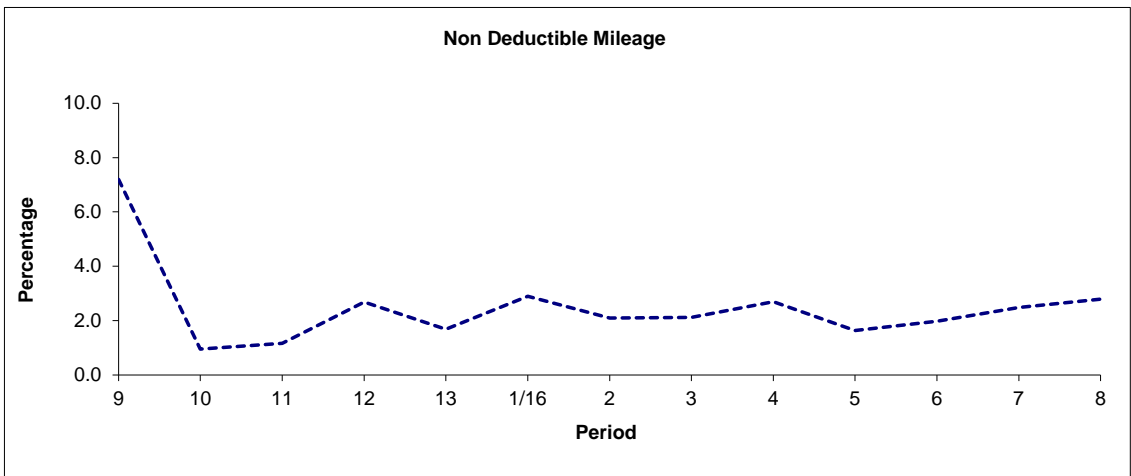
Route 141



Period	9	10	11	12	13	1/16	2	3	4	5	6	7	8
2015 to 2016	92.26	98.79	98.49	97.06	98.06	96.72	97.48	97.28	96.90	97.75	97.27	97.14	96.71
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	9	10	11	12	13	1/16	2	3	4	5	6	7	8
2015 to 2016	0.55	0.25	0.34	0.25	0.26	0.38	0.43	0.60	0.39	0.61	0.75	0.38	0.50



Period	9	10	11	12	13	1/16	2	3	4	5	6	7	8
2015 to 2016	7.19	0.95	1.17	2.69	1.68	2.90	2.09	2.12	2.70	1.64	1.98	2.48	2.79

Note: Mileage is based on 4 weeks data

ROUTE 141 - FULL IBUS RESULTS BY TIME OF DAY
QUARTER 3 2015/16 TO QUARTER 2 16/17 (19/09/2015 - 16/09/2016)

MONDAY - FRIDAY

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	AWT (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
05:00 - 07:00	42,480	41,508	97.7	4.34	0.72	5.05	89.5	10.3	0.2	0.0	0.5	34
07:00 - 10:00	99,216	96,000	96.8	3.14	1.08	4.23	93.1	6.6	0.2	0.0	2.8	55
10:00 - 13:00	93,300	90,452	96.9	3.28	1.17	4.44	91.8	7.7	0.5	0.1	3.3	48
13:00 - 16:00	93,775	89,655	95.6	3.28	1.25	4.54	91.1	8.4	0.4	0.0	3.5	45
16:00 - 19:00	93,077	88,211	94.8	3.27	1.47	4.74	89.4	9.9	0.7	0.1	4.7	51
19:00 - 22:00	71,426	69,042	96.7	4.20	1.45	5.65	82.6	15.8	1.4	0.2	4.2	48
22:00 - 24:00	35,812	34,557	96.5	5.78	1.25	7.04	75.0	22.3	2.3	0.4	1.5	50
All Locations Summary	529,086	509,425	96.3	3.49	1.26	4.75	89.6	9.7	0.6	0.1	3.5	55

SATURDAY

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	AWT (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
05:00 - 07:00	6,490	6,469	99.7	5.91	0.39	6.31	81.6	17.7	0.6	0.1	0.3	30
07:00 - 10:00	14,794	14,382	97.2	4.28	0.78	5.05	90.1	9.5	0.4	0.0	0.8	53
10:00 - 13:00	16,703	16,303	97.6	3.78	0.95	4.73	91.2	8.5	0.3	0.0	1.6	35
13:00 - 16:00	16,712	16,175	96.8	3.77	1.24	5.01	88.7	10.8	0.4	0.1	2.4	35
16:00 - 19:00	16,092	15,438	95.9	3.82	1.44	5.26	86.5	12.3	1.0	0.2	3.7	54
19:00 - 22:00	12,412	11,941	96.2	4.97	1.72	6.70	75.7	21.0	2.8	0.5	3.7	57
22:00 - 24:00	7,118	6,609	92.8	5.83	1.73	7.55	70.1	25.5	3.9	0.5	2.3	47
All Locations Summary	90,321	87,317	96.7	4.18	1.24	5.42	85.9	12.9	1.0	0.2	2.4	57

SUNDAY AND BANK HOLIDAYS

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	AWT (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
05:00 - 07:00	2,307	2,287	99.1	7.48	0.06	7.54	78.5	21.0	0.4	0.0	1.8	31
07:00 - 10:00	11,326	11,036	97.4	6.21	0.77	6.98	75.6	22.9	1.3	0.2	0.5	46
10:00 - 13:00	12,276	12,093	98.5	5.85	0.82	6.67	77.4	21.0	1.3	0.3	0.7	47
13:00 - 16:00	12,021	11,551	96.1	5.95	1.30	7.24	73.0	24.0	2.5	0.5	1.4	67
16:00 - 19:00	12,073	12,010	99.5	5.89	1.12	7.01	75.1	22.4	2.2	0.3	1.1	72
19:00 - 22:00	12,442	12,099	97.2	5.76	1.39	7.15	73.3	23.9	2.6	0.3	1.4	47
22:00 - 24:00	8,447	8,368	99.1	5.75	0.89	6.64	79.0	19.5	1.3	0.2	0.7	45
All Locations Summary	70,892	69,444	98.0	5.95	1.06	7.01	75.1	22.6	1.9	0.3	1.1	72

ALL DAYS

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	AWT (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
05:00 - 07:00	51,277	50,264	98.0	4.71	0.63	5.34	87.9	11.8	0.3	0.0	0.6	34
07:00 - 10:00	125,336	121,418	96.9	3.39	1.04	4.43	92.0	7.7	0.3	0.0	2.5	55
10:00 - 13:00	122,279	118,848	97.2	3.68	1.09	4.77	89.9	9.5	0.5	0.1	2.7	48
13:00 - 16:00	122,508	117,381	95.8	3.67	1.26	4.92	88.6	10.6	0.7	0.1	3.1	67
16:00 - 19:00	121,242	115,659	95.4	3.60	1.43	5.03	87.6	11.4	0.9	0.1	4.2	72
19:00 - 22:00	96,280	93,082	96.7	4.49	1.48	5.98	80.5	17.5	1.8	0.2	3.8	57
22:00 - 24:00	51,377	49,534	96.4	5.79	1.29	7.07	74.7	22.5	2.4	0.4	1.5	50
All Locations Summary	690,299	666,186	96.5	3.83	1.23	5.06	87.7	11.4	0.8	0.1	3.1	72

Transport for London - QSI Points and Live Mileage List

v2.0 - Mileage directly imported from Caesar

TRANCHE 594

Route: 141

Service change: 39555

Date: 30/11/2015

Reason for Issue Mileage Update

QSI Points are highlighted

OUT DIRECTION					
Timing Point Code	Stop Number	Stop Name	Metres	Miles	
PALMNC	10875	Tottenham Road			
	10871	Berkshire Gardens	321	0.20	
	R0722	Arcadian Gardens	171	0.11	
	760	Nightingale Road	405	0.25	
	10868	Canning Crescent	185	0.11	
	10866	Haringey Civic Centre	210	0.13	
	1488	Wood Green Station	268	0.17	
WDGNHR	BP 1795	Lordship Lane	135	0.08	
	BP 2778	Brampton Park Road	449	0.28	
TLSNGL	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	219	0.14	
	4838	Haringay Green Lanes Station	355	0.22	
	9992	Endymion Road	212	0.13	
	BP 842	Rowley Gardens	344	0.21	
	MNHSSN	607	Manor House Station	204	0.13
		403	Portland Rise Estate	178	0.11
		2428	Gloucester Drive	304	0.19
2430		Lordship Park	330	0.21	
BP 1201		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	260	0.16	
HOXTBS	2450	Baring Street	300	0.19	
	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	
	2462	Finsbury Square / Moorgate	284	0.18	
	MOORSN	2466	Great Swan Alley	496	0.31
	BANKSNP	BP 933	Bank Station / Princes Street	224	0.14
14691		King William Street / Monument Station	314	0.20	
BP 140		Monument Station	246	0.15	
LONBSNC	BP 5681	London Bridge Station	546	0.34	
Total Route Mileage - Out Direction			12787	7.95	
			Metres	Miles	

BACK DIRECTION					
Timing Point Code	Stop Number	Stop Name	Metres	Miles	
LONBSNC	BP 5681	London Bridge Station			
	978	London Bridge	363	0.23	
	2123	Monument Station	324	0.20	
	27954	Bank Station / King William Street	330	0.21	
	BANKSNP	2468	Bank Station / Princes Street	256	0.16
	2467	London Wall	279	0.17	
MOORSN	1160	Moorgate Station	222	0.14	
	2463	Finsbury Square	302	0.19	
	29071	Old Street Station	298	0.19	
	33436	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	
	BP 1896	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	reen Lanes / Stoke Newington Church !	336	0.21	
BP 4326	Riversdale Road	133	0.08		
	2435	Kings Crescent Estate	204	0.13	
	2431	Brownswood Road	242	0.15	
	BP 1202	Myddleton Avenue	296	0.18	
	2429	Gloucester Drive	218	0.14	
	MNHSSN	26436	Manor House Station	326	0.20
	606	Manor House Station / Woodberry Grov	111	0.07	
	BP 833	Rowley Gardens	199	0.12	
	9993	Endymion Road	245	0.15	
	4839	Haringay 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	310	0.19	
	TLSNGL	29775	Turnpike Lane Station	295	0.18
	9984	Brampton Park Road	396	0.25	
	9982	Wood Green Shopping City	282	0.18	
	WDGNHR	BP 1794	Wood Green Station	328	0.20
	10864	Haringey Civic Centre	372	0.23	
	759	Nightingale Road	312	0.19	
	2009	Arcadian Gardens	342	0.21	
PALMNC	10872	Berkshire Gardens	395	0.25	
	4945	Tottenham Road	249	0.15	
Total Route Mileage - Back Direction			12956	8.05	
			Metres	Miles	