

## 7. Service Specification

Route: 436

Contract Reference: QC54201

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.

<b>Route Number</b>	436
<b>Terminus Points</b>	Lewisham, Molesworth Street and Battersea Park Station
<b>Contract Basis</b>	Incentivised
<b>Commencement Date</b>	19 <sup>th</sup> November 2016
<b>Vehicle Type</b>	87 capacity, dual door, double deck
<b>Current Maximum Approved Dimensions</b>	10.6 metres long and 2.55 metres wide
<b>New Vehicles Mandatory</b>	Yes
<b>Hybrid Price Required</b>	Yes
<b>Sponsored Route</b>	No
<b>Advertising Rights</b>	Operator
<b>Minimum Performance Standard</b>	Average Excess Wait Time - No more than 1.10 minutes
<b>Extension Threshold</b>	Average Excess Wait Time Threshold - 1.00 minutes
<b>Minimum Operated Mileage Standard</b>	No less than 98.00%

The Date of Tender for this ITT is: No later than 12 Noon on Monday 14<sup>th</sup> December 2015

*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. 436.

- On 14<sup>th</sup> November 2015, the emergency schedules introduced on 16<sup>th</sup> May 2015 to mitigate the Road Modernisation Plan works are removed. New schedules are introduced.

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:

- Route No. 436 is re-structured to operate between Lewisham, Molesworth and Battersea Park Station via Nine Elms Lane.
- The section between Vauxhall Station and Paddington is withdrawn.
- **Please see Section 5 for a full list of streets traversed and standing arrangements.**
- Mondays to Fridays AM and PM peak frequencies are reduced from every 6 minutes to every 7-8 minutes (8 buses per hour).
- The Mondays to Fridays AM peak flow journey ex Lewisham, Molesworth Street is withdrawn.
- As part of the Victoria Station upgrade works, Terminus Place is closed. Temporary routeing and standing arrangements are currently in operation at Victoria. From 20<sup>th</sup> January 2018, the permanent routeing will resume and there will be new stopping and standing arrangements.
- Tenderers should refer to the schedules **dated 1<sup>st</sup> November 2014** rather than the current emergency schedules on Route No. 436.

**Tenderers are also encouraged to offer two axle vehicles with a longer wheelbase and increased capacity, subject to route constraints. Tenders offering such vehicles will be welcomed and carefully considered by the Corporation. Triaxle vehicles are not being considered by the Corporation at this time.**

**Operators should provide the following prices:**

- 1. Annual diesel price - based on minimum 5 year contract.**
- 2. Annual hybrid price - based on minimum 5 year contract.**
- 3. Annual hybrid price - with upfront payment of capital difference between diesel and hybrid for 5 year contract.**

### 3) SCHEDULE REQUIREMENTS & PINCHPOINTS

#### 3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Lewisham, Molesworth Street to Battersea Park Station			Battersea Park Station to Lewisham, Molesworth Street		
First departure no later than 0440.			First departure no later than 0515.		
0435 - 0500	Every 20 minutes		0510 - 0555	Every 20 minutes	
0501 - 0530	Every 10 minutes		0556 - 0655	Every 10 minutes	
0531 - 1820	Every 7-8 minutes (8 buses per hour)		0656 - 1940	Every 7-8 minutes (8 buses per hour)	
1821 - 1840	Every 10 minutes		1941 - 2040	Every 10 minutes	
1841 - 0025	Every 12 minutes		2041 - 0045	Every 12 minutes	
Last departure no earlier than 0020.			Last departure no earlier than 0040.		
<b>Pinchpoints</b>					
Oval Station	0715 - 0900	8 minutes	Peckham High Street, Rye Lane	0735 - 0900	8 minutes
	1500 - 1640	8 minutes		1500 - 1640	8 minutes

#### 3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Lewisham, Molesworth Street to Battersea Park Station			Battersea Park Station to Lewisham, Molesworth Street		
First departure no later than 0440.			First departure no later than 0515.		
0435 - 0520	Every 20 minutes		0510 - 0615	Every 20 minutes	
0521 - 0620	Every 15 minutes		0616 - 0800	Every 15 minutes	
0621 - 0730	Every 12 minutes		0801 - 0830	Every 12 minutes	
0731 - 0750	Every 10 minutes		0831 - 0910	Every 10 minutes	
0751 - 1720	Every 7-8 minutes (8 buses per hour)		0911 - 1905	Every 7-8 minutes (8 buses per hour)	
1721 - 1750	Every 10 minutes		1906 - 2005	Every 10 minutes	
1751 - 0025	Every 12 minutes		2006 - 0045	Every 12 minutes	
Last departure no earlier than 0020.			Last departure no earlier than 0040.		
<b>Pinchpoints</b>					
Oval Station	1005 - 1135	8 minutes	Peckham High Street, Rye Lane	1015 - 1155	8 minutes

**3) SCHEDULE REQUIREMENTS & PINCHPOINTS - Continued**

**3.3) SUNDAY AND PUBLIC HOLIDAYS (EXCEPT GOOD FRIDAY AND CHRISTMAS DAY) SCHEDULE REQUIREMENTS & PINCHPOINTS**

Lewisham, Molesworth Street to Battersea Park Station		Battersea Park Station to Lewisham, Molesworth Street			
First departure no later than 0440.		First departure no later than 0515.			
0435 - 0520	Every 20 minutes	0510 - 0635	Every 20 minutes		
0521 - 0820	Every 15 minutes	0636 - 0940	Every 15 minutes		
0821 - 0025	Every 12 minutes	0941 - 0045	Every 12 minutes		
Last departure no earlier than 0020.		Last departure no earlier than 0040.			
<b>Pinchpoints</b>					
Oval Station	1120 - 1220	12 minutes	Peckham High Street, Rye Lane	1130 - 1230	12 minutes

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

#### **4) OPERATIONAL CONSIDERATIONS**

- 4.1) Route No. 436 can suffer from unpredictable traffic delays in the New Cross and Vauxhall areas.
- 4.2) A significant number of developments are expected in the Vauxhall, Nine Elms and Battersea (VNEB) area. The Opportunity Area Planning Framework (OAPF) supports the delivery of a high density mixed use development scenario comprising 16,000 new homes and a range of 20,000 to 25,000 jobs. The construction of parts of VNEB is already underway and the construction programme is due to accelerate over the next couple of years. Significant increases in residential development will occur over the next few years. A significant amount of demand is forecast to impact Nine Elms Lane.
- 4.3) The Victoria Station Upgrade (VSU) project is a scheme to enhance station capacity and relieve congestion. The project is due to finish in 2018.

#### **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 436: Lewisham, Lewisham Centre - Battersea Park Station**

**Date of Structural Change:** 19 November 2016.

**Date of Service Change:** 19 November 2016.

**Reason for Issue:** New Tender.

#### **STREETS TRAVERSED**

**Towards Battersea Park Station:** Molesworth Street, Lewisham High Street, Lewis Grove, Lee Bridge, Lewisham High Street, Loampit Vale Roundabout, Loampit Vale, Loampit Hill, Lewisham Way, New Cross Road, Queen's Road, Peckham High Street, Clayton Road, Hanover Park, Rye Lane, Peckham High Street, Peckham Road, Camberwell Church Street, Camberwell Green (South Side), Camberwell New Road, Harleyford Street, Kennington Oval, Harleyford Road, South Lambeth Road, Parry Street, Nine Elms Lane, Battersea Park Road, Palmerston Way, Prince Of Wales Drive.

**Towards Lewisham, Lewisham Centre:** Battersea Park Road, Nine Elms Lane, Parry Street, Vauxhall Bus Station, Kennington Lane, Durham Street, Harleyford Road, Kennington Oval, Harleyford Street, Camberwell New Road, Camberwell Green (South Side), Camberwell Church Street, Peckham Road, Peckham High Street, Queen's Road, New Cross Road, Amersham Road, Lewisham Way, Loampit Hill, Loampit Vale, Loampit Vale Roundabout, Molesworth Street.

## **AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS**

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

### **LEWISHAM, MOLESWORTH STREET [SOUTH]**

Public stand for four buses on route 436 on east side of Molesworth Street commencing 2 metres north of the northern exit from the Shopping Centre and extending 45 metres north. Buses proceed from Molesworth Street direct to stand, departing to Molesworth Street. Set down in Molesworth Street, at Stop S (BP900 - Molesworth Street, Last Stop on LOR: BP900 - Molesworth Street) and pick up in Molesworth Street, at Stop S (BP900 - Molesworth Street, First Stop on LOR: BP900 - Molesworth Street).

AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: No more than 3 buses on Route 436 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: Lewisham, Shopping Centre.

### **LEWISHAM STATION (from BATTERSEA PARK STATION)**

Buses proceed from Loampit Vale via Loampit Vale Roundabout departing to Loampit Vale. Set down in Loampit Vale, at Stop FF (BP3790 - Lewisham Station # [dlr], Last Stop on LOR: BP3790 - Lewisham Station # [dlr]) and pick up in Loampit Vale, at Stop F (BP815 - Lewisham Station # [dlr], First Stop on LOR: BP815 - Lewisham Station # [dlr]).

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

### **Lewisham, Jerrard Street (from BATTERSEA PARK STATION)**

Buses proceed from Loampit Vale via Jerrard Street and Thurston Road departing to Loampit Vale. Set down in Loampit Vale, at Stop SP (1983 - Loampit Vale / Jerrard Street, Last Stop on LOR: 1983 - Loampit Vale / Jerrard Street) and pick up in Loampit Vale, at Stop SG (26292 - Loampit Vale / Jerrard Street, First Stop on LOR: 26292 - Loampit Vale / Jerrard Street).

AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: **Turning Point Only - Buses must not stand**  
BLIND DISPLAY: Lewisham, Jerrard Street.



## **Peckham Bus Station**

### From Battersea Park Station.

Buses proceed from Peckham High Street departing to Clayton Road. Set down in Peckham High Street, at Stop G (1965 - Peckham Post Office, Last Stop on LOR: 1965 - Peckham Post Office) and pick up in Clayton Road, at Stop J (BP3772 - Clayton Road, First Stop on LOR: BP3772 - Clayton Road).

### From Lewisham, Lewisham Centre.

Buses proceed from Queen's Road via Peckham High Street and Peckham Bus Station departing to Peckham High Street. Set down in Queen's Road, at Stop QC (1967 - Carlton Grove, Last Stop on LOR: 1967 - Carlton Grove) and pick up in Peckham High Street, at Stop G (1965 - Peckham Post Office, First Stop on LOR: 1965 - Peckham Post Office).

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

## **VAUXHALL BUS STATION**

### From Battersea Park Station.

Buses proceed from Vauxhall Bus Station departing to Vauxhall Bus Station. Set down in Vauxhall Bus Station, at Stop C (BP4318 - Vauxhall Bus Station, Last Stop on LOR: BP4318 - Vauxhall Bus Station) and pick up in Vauxhall Bus Station, at Stop A (BP4316 - Vauxhall Bus Station, First Stop on LOR: BP4316 - Vauxhall Bus Station).

### From Lewisham, Lewisham Centre.

Buses proceed from South Lambeth Road via Parry Street departing to Vauxhall Bus Station. Set down in Vauxhall Bus Station, at Stop H (BP4323 - Vauxhall Bus Station, Last Stop on LOR: 1952 - Harleyford Road / Durham Street) and pick up in Vauxhall Bus Station, At Stop C (BP4318 - Vauxhall Bus Station, First Stop on LOR: BP4318 - Vauxhall Bus Station).

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

## **BATTERSEA PARK STATION, PRINCE OF WALES DRIVE TEMPORARY STAND**

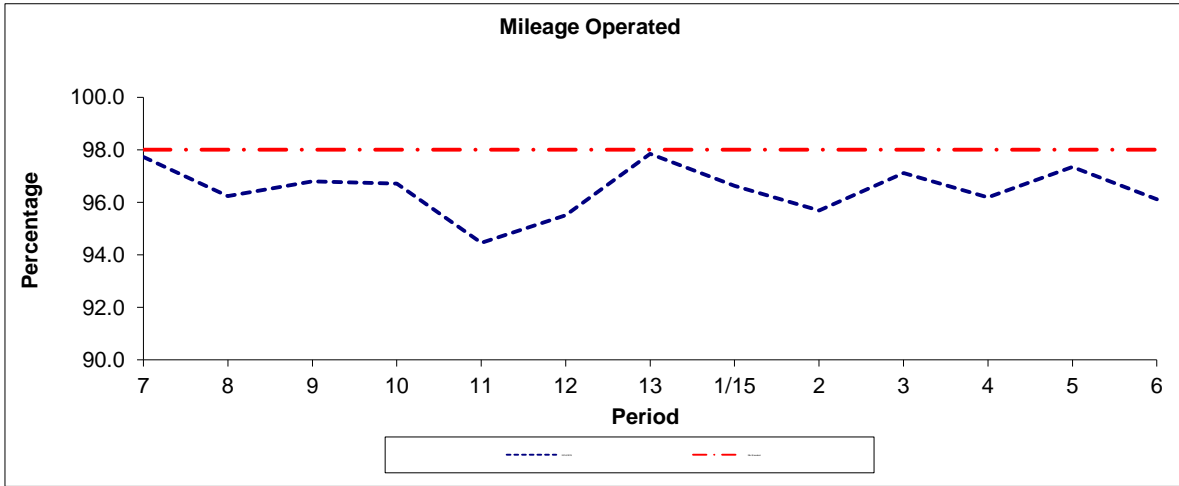
Temporary Stand.

Buses proceed from Prince Of Wales Drive direct to stand, departing via Prince Of Wales Drive, Queen's Circus and Queenstown Road to Battersea Park Road. Set down in Prince Of Wales Drive, at Stop P (BP5242 - Battersea Dogs & Cats Home, Last Stop on LOR: 1952 - Harleyford Road / Durham Street) and pick up in Battersea Park Road, At Stop A (25537 - Battersea Park Station #, First Stop on LOR: 27844 - St Anne's Church).

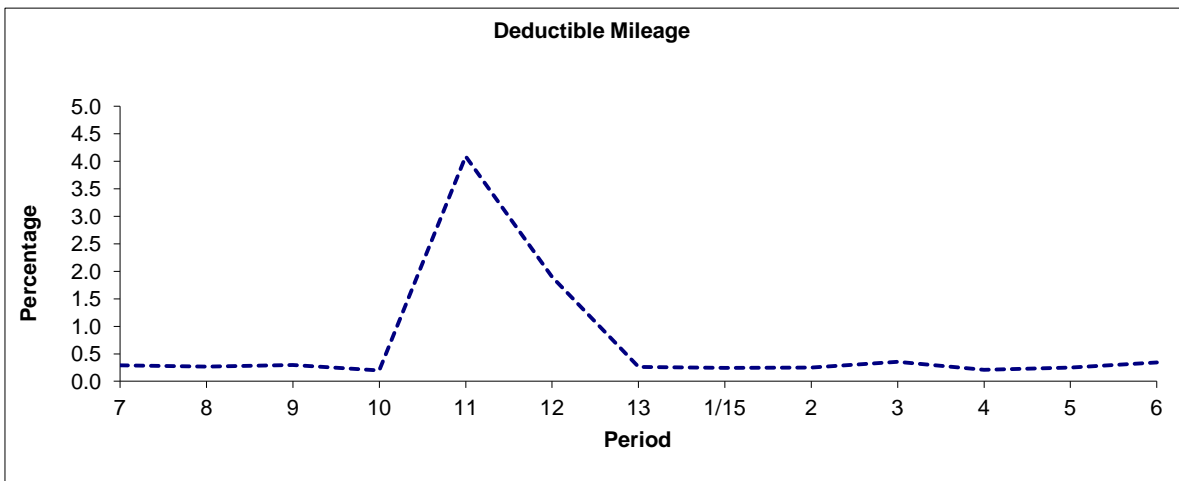
AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 436 should be scheduled to stand at any one time.
MEAL RELIEFS:	No meal relief vehicles to stand at any time.
FERRY VEHICLES:	No ferry vehicles to park on stand at any time.
BLIND DISPLAY:	Battersea Park Station.
OTHER INFORMATION:	This stand is created for tendering purposes only. New stand to be identified.

**PART B - PERFORMANCE STATISTICS**

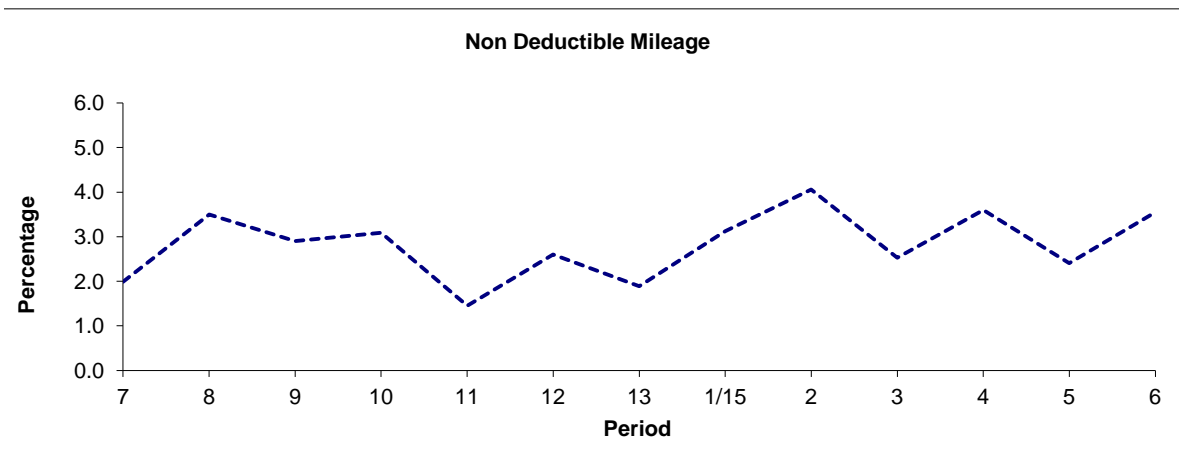
**Route 436**



Period	7	8	9	10	11	12	13	1/15	2	3	4	5	6
2014/2015	97.72	96.23	96.80	96.71	94.46	95.50	97.85	96.63	95.69	97.12	96.19	97.35	96.11
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	7	8	9	10	11	12	13	1/15	2	3	4	5	6
2014/2015	0.29	0.27	0.30	0.20	4.09	1.90	0.26	0.24	0.25	0.35	0.21	0.25	0.34

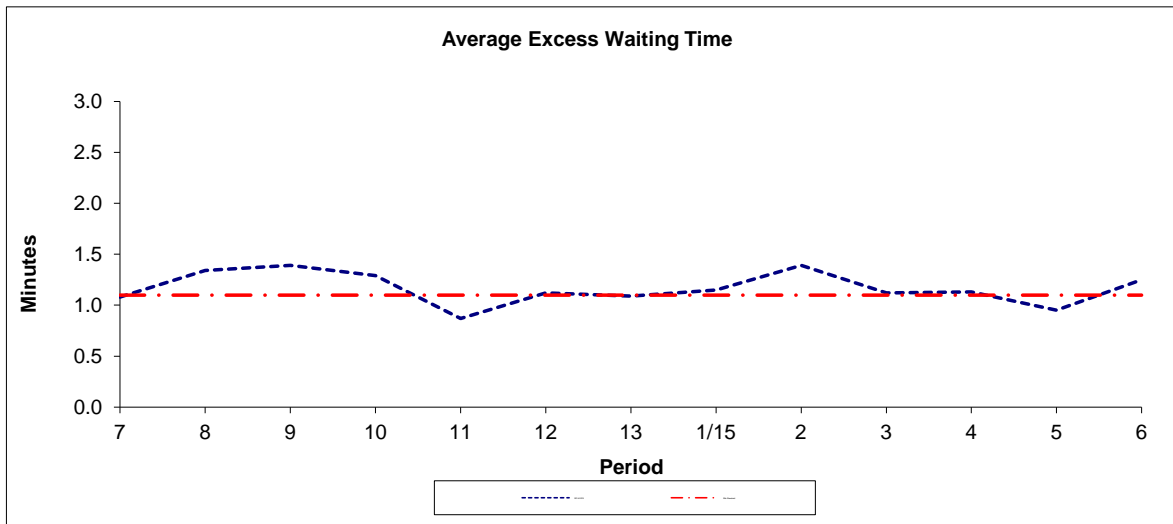


Period	7	8	9	10	11	12	13	1/15	2	3	4	5	6
2014/2015	1.99	3.50	2.91	3.09	1.45	2.60	1.89	3.12	4.06	2.53	3.60	2.40	3.55

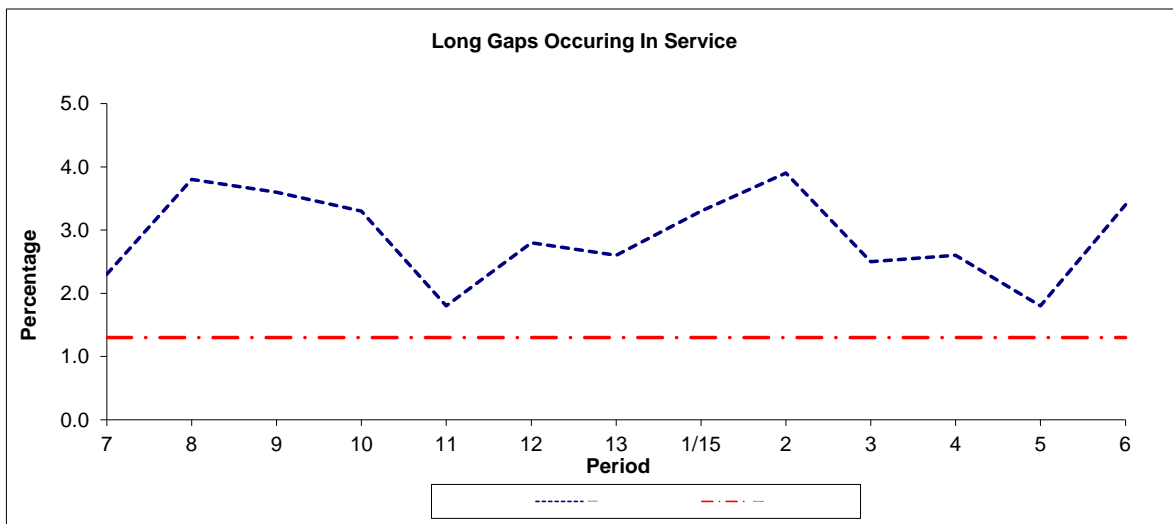
**Note :** Mileage is based on 4 weeks data  
 Deductible Mileage was adversely affected by industrial action in periods 11 and 12 14/15.

**PART B - PERFORMANCE STATISTICS**

**Route 436**



Period	7	8	9	10	11	12	13	1/15	2	3	4	5	6
2014-2015	1.08	1.34	1.39	1.29	0.87	1.12	1.09	1.15	1.39	1.12	1.13	0.95	1.25
Min Standard	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10



Period	7	8	9	10	11	12	13	1/15	2	3	4	5	6
2014-2015	2.3	3.8	3.6	3.3	1.8	2.8	2.6	3.3	3.9	2.5	2.6	1.8	3.4
Benchmark	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

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

**ROUTE 436 - FULL IBUS RESULTS BY TIME OF DAY**  
**QUARTER 3 14/15 TO QUARTER 2 15/16 (13/09/14 - 18/0915)**

**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	46,544.	44,624.	95.9	5.51	<b>0.62</b>	6.13	85.8	13.1	1.0	0.1	0.6	49
07:00 - 10:00	128,356.	124,827.	97.3	3.21	<b>1.17</b>	4.38	91.8	7.6	0.5	0.1	3.8	46
10:00 - 13:00	109,685.	108,690.	99.1	3.67	<b>1.00</b>	4.67	91.1	8.2	0.6	0.2	2.4	70
13:00 - 16:00	107,152.	104,309.	97.3	3.72	<b>1.26</b>	4.98	88.9	10.2	0.7	0.2	3.0	65
16:00 - 19:00	121,646.	118,031.	97.0	3.30	<b>1.46</b>	4.76	89.3	9.8	0.8	0.2	4.8	57
19:00 - 22:00	79,578.	78,462.	98.6	4.88	<b>1.23</b>	6.10	80.2	17.6	1.7	0.4	2.6	64
22:00 - 24:00	43,560.	44,013.	101.0	5.99	<b>1.08</b>	7.07	75.2	22.4	2.0	0.3	1.0	102
<b>All Locations Summary</b>	<b>636,521.</b>	<b>622,956.</b>	<b>97.9</b>	<b>3.79</b>	<b>1.21</b>	<b>5.00</b>	<b>88.3</b>	<b>10.7</b>	<b>0.9</b>	<b>0.2</b>	<b>3.3</b>	<b>102</b>

**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	6,050.	5,932.	98.0	8.67	<b>0.59</b>	9.25	62.4	33.7	3.7	0.2	0.3	46
07:00 - 10:00	17,997.	17,790.	98.8	4.95	<b>0.63</b>	5.58	86.7	12.8	0.4	0.1	0.5	49
10:00 - 13:00	22,013.	21,773.	98.9	3.82	<b>0.80</b>	4.62	92.4	6.8	0.6	0.2	1.8	49
13:00 - 16:00	22,584.	22,206.	98.3	3.77	<b>1.19</b>	4.95	89.3	9.4	0.9	0.4	3.1	58
16:00 - 19:00	21,921.	21,532.	98.2	3.92	<b>1.26</b>	5.18	86.8	11.9	1.0	0.2	3.1	50
19:00 - 22:00	15,665.	15,175.	96.9	5.44	<b>1.58</b>	7.03	73.5	22.7	3.1	0.7	3.0	72
22:00 - 24:00	9,450.	9,380.	99.3	5.99	<b>1.56</b>	7.56	71.0	25.3	3.3	0.5	1.6	63
<b>All Locations Summary</b>	<b>115,680.</b>	<b>113,788.</b>	<b>98.4</b>	<b>4.41</b>	<b>1.10</b>	<b>5.52</b>	<b>85.5</b>	<b>12.9</b>	<b>1.3</b>	<b>0.3</b>	<b>2.3</b>	<b>72</b>

**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	6,235.	6,153.	98.7	8.98	<b>0.47</b>	9.44	59.8	36.2	3.8	0.2	0.4	56
07:00 - 10:00	12,940.	12,924.	99.9	7.20	<b>0.51</b>	7.70	69.1	29.2	1.5	0.1	0.2	55
10:00 - 13:00	15,277.	15,461.	101.2	6.04	<b>0.64</b>	6.68	77.0	21.9	1.0	0.2	0.4	47
13:00 - 16:00	15,106.	15,083.	99.8	6.08	<b>1.00</b>	7.08	73.9	23.7	2.1	0.3	0.9	45
16:00 - 19:00	15,443.	15,298.	99.1	5.94	<b>0.97</b>	6.91	75.3	22.6	1.9	0.2	0.9	58
19:00 - 22:00	15,577.	15,259.	98.0	5.90	<b>1.26</b>	7.17	73.4	23.6	2.6	0.4	1.5	55
22:00 - 24:00	10,250.	10,534.	102.8	5.99	<b>0.65</b>	6.64	78.1	20.7	1.1	0.1	0.4	48
<b>All Locations Summary</b>	<b>90,828.</b>	<b>90,712.</b>	<b>99.9</b>	<b>6.18</b>	<b>0.87</b>	<b>7.06</b>	<b>74.3</b>	<b>23.7</b>	<b>1.8</b>	<b>0.2</b>	<b>0.8</b>	<b>58</b>

**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	58,829.	56,709.	96.4	6.07	<b>0.61</b>	6.68	81.6	16.8	1.5	0.1	0.6	56
07:00 - 10:00	159,293.	155,541.	97.6	3.55	<b>1.09</b>	4.65	90.3	9.1	0.6	0.1	3.3	55
10:00 - 13:00	146,975.	145,924.	99.3	3.98	<b>0.93</b>	4.90	89.7	9.6	0.6	0.2	2.0	70
13:00 - 16:00	144,842.	141,598.	97.8	3.98	<b>1.22</b>	5.21	87.3	11.6	0.9	0.2	2.8	65
16:00 - 19:00	159,010.	154,861.	97.4	3.63	<b>1.39</b>	5.02	87.6	11.3	1.0	0.2	4.2	58
19:00 - 22:00	110,820.	108,896.	98.3	5.07	<b>1.28</b>	6.35	78.5	19.0	2.0	0.5	2.5	72
22:00 - 24:00	63,260.	63,927.	101.1	5.99	<b>1.10</b>	7.09	75.0	22.6	2.1	0.3	1.0	102
<b>All Locations Summary</b>	<b>843,029.</b>	<b>827,456.</b>	<b>98.2</b>	<b>4.10</b>	<b>1.17</b>	<b>5.27</b>	<b>86.6</b>	<b>12.2</b>	<b>1.0</b>	<b>0.2</b>	<b>2.9</b>	<b>102</b>

Transport for London - QSI Points and Live Mileage List

v2.0 - Mileage directly imported from Caesar

Route 436  
 Service change 36055  
 Date 29/01/2014  
 QSI Points are highlighted

**TRANCHE 542**  
 Battersea Park Station - Lewisham

Reason for Issue End of diversion at Paddington, Eastbourne Terrace

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
LEWSMS	BP900	Molesworth Street		
	BP1112	Lewisham Centre	189	0.12
	<b>BP5969</b>			
	BP815	Lewisham Station		
	26292	Loampit Vale / Jerrard Street	229	0.14
	1982	Undercliff Road	330	0.21
LEWWLC	4629	Lewisham College	390	0.24
	1977	Lucas Street	382	0.24
	26721	Malpas Road	141	0.09
	26722	Amersham Road	275	0.17
	26416	Marquis Of Granby / Goldsmiths	212	0.13
	26343	New Cross Gate Station	323	0.20
NX GR	24648	New Cross Bus Garage	418	0.26
	1972	New Cross Fire Station	242	0.15
	1971	Pomeroy Street	264	0.16
	26734	Queen's Road Peckham Station	434	0.27
	1967	Carlton Grove	280	0.17
	BP3772	Clayton Road	362	0.22
PECKAC	33469	Hanover Park	399	0.25
	1962	The Academy At Peckham	318	0.20
	542	Peckham Road / Southampton Way	242	0.15
	106	Vestry Road	407	0.25
	1960	St Giles Church	242	0.15
	26418	Camberwell Church St / Camberwell Grn	407	0.25
CAMGCN	253	Warner Road	190	0.12
	26068	Sacred Heart School	309	0.19
	1956	Wyndham Road	273	0.17
	387	Vassall Road	154	0.10
	2246	St John's School	120	0.07
	1955	John Ruskin Street	270	0.17
	532	Kennington Park	213	0.13
OVALSN	520	Oval Station	270	0.17
	2649	Archbishop Tenison's School	240	0.15
	1952	Harleyford Road / Durham Street	297	0.18
VAUXSN	BP4320	Vauxhall Bus Station		
	25550	Wandsworth Road	301	0.19
	25546	Elm Quay Court	434	0.27
	25545	Cringle Street	412	0.26
	25542	Sleaford Street	265	0.16
BTPKSN	BP5242	Battersea Dogs and Cats Home	436	0.27
Total Route Mileage - Out Direction				
			Metres	Miles

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
BTPKSN	25537	Battersea Park Station		
	25539	Battersea Dogs & Cats Home	232	0.14
	25543	Sleaford Street	285	0.18
	25544	Riverlight Quay	293	0.18
	25547	Elm Quay Court	366	0.23
	25551	Wandsworth Road	343	0.21
VAUXSN	BP4318	Vauxhall Bus Station		
	27844	St Anne's Church	569	0.35
	<b>BP5997</b>			
	R0729	Archbishop Tenison's School		
OVALSN	4734	Oval Station	242	0.15
	531	Kennington Park	329	0.20
	2247	John Ruskin Street	218	0.14
	1957	Vassall Road	336	0.21
	2840	County Grove	279	0.17
	26739	Sacred Heart School	229	0.14
CAMGCN	27516	Warner Road	158	0.10
	26736	Camberwell Church St / Camberwell Grn	214	0.13
	1961	St Giles Church	270	0.17
	26348	Vestry Road	241	0.15
	541	Peckham Road / Southampton Way	431	0.27
	1963	The Academy At Peckham	349	0.22
PECKHR	280	Peckham Library	233	0.14
	1965	Peckham Post Office	291	0.18
	1966	Carlton Grove	288	0.18
	26733	Queen's Road Peckham Station	420	0.26
	1970	Pomeroy Street	220	0.14
	BP5550	New Cross Fire Station	365	0.23
NX GR	33100	New Cross Bus Garage	295	0.18
	BP1236	New Cross Gate Station	237	0.15
	R0465	Marquis Of Granby	426	0.26
	26294	Amersham Road	480	0.30
	BP4063	Malpas Road	242	0.15
	1978	Lucas Street	180	0.11
LEWWLC	1980	Lewisham College	266	0.17
	26719	Tyrwhitt Road / St Johns Station	255	0.16
	1981	Undercliff Road	268	0.17
	1983	Loampit Vale / Jerrard Street	193	0.12
	BP3790	Lewisham Station	304	0.19
LEWSMS	BP900	Molesworth Street	631	0.39
Total Route Mileage - Back Direction				
			Metres	Miles