

## 7. Service Specification

Route: 417

Contract Reference QC52303

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>	417
<b>Terminus Points</b>	Crystal Palace Bus Station and Clapham Common, Old Town
<b>Contract Basis</b>	Incentivised
<b>Commencement Date</b>	20 <sup>th</sup> August 2016
<b>Vehicle Type</b>	87 capacity, dual door, double deck
<b>Current Maximum Approved Dimensions</b>	10.1 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 0.90 minutes
<b>Extension Threshold</b>	Average Excess Wait Time Threshold - 0.85 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 27<sup>th</sup> July 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. 417.

- The **Mondays to Fridays Schooldays** afternoon journey ex Norwood School, Crown Dale is retimed from 1529 to 1459 to meet the school finishing time.

Tenderers should note that there are no changes proposed as part of this Service Specification for Route No. 417.

**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

Crystal Palace Bus Station to Clapham Common, Old Town		Clapham Common, Old Town to Crystal Palace Bus Station			
First departure no later than 0450.		First departure no later than 0530.			
0445 - 0530	Every 20 minutes	0525 - 0610	Every 20 minutes		
0531 - 0550	Every 10 minutes	0611 - 0730	Every 10 minutes		
0551 - 0840	Every 8-9 minutes	0731 - 1010	Every 8-9 minutes		
0841 - 1930	Every 10 minutes	1011 - 2030	Every 10 minutes		
1931 - 2005	Every 12 minutes	2031 - 2100	Every 12 minutes		
2006 - 0045	Every 15 minutes	2101 - 0120	Every 15 minutes		
Last departure no earlier than 0040.		Last departure no earlier than 0115.			
<b>Pinchpoints</b>					
Streatham Hill, Telford Avenue	0700 - 0900	9 minutes	Norwood, Crown Point	0710 - 0730	10 minutes
	1510 - 1710	10 minutes		0731 - 0900	9 minutes
				1500 - 1700	10 minutes

#### 3.2) MONDAY TO FRIDAY SCHOOLDAYS SCHEDULE REQUIREMENTS

Norwood School, Crown Dale to Clapham Common, Old Town	
1459*	One journey

\* - This journey should be scheduled to arrive at Norwood School at 1455 (4 minutes earlier than the specified departure time).

**Tenderers should note that this journey is expected to be provided without incurring additional buses.**

The journey shown in section 3.2 is specifically designed to meet the finish time of Norwood School.

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

**3.3) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS**

Crystal Palace Bus Station to Clapham Common, Old Town		Clapham Common, Old Town to Crystal Palace Bus Station			
First departure no later than 0450.		First departure no later than 0530.			
0445 - 0650	Every 20 minutes	0525 - 0710	Every 20 minutes		
0651 - 0735	Every 15 minutes	0711 - 0825	Every 15 minutes		
0736 - 1740	Every 10 minutes	0826 - 1905	Every 10 minutes		
1741 - 1850	Every 12 minutes	1906 - 0120	Every 15 minutes		
1851 - 0045	Every 15 minutes				
Last departure no earlier than 0040.		Last departure no earlier than 0115.			
<b>Pinchpoints</b>					
Streatham Hill, Telford Avenue	0850 - 1100	10 minutes	Norwood, Crown Point	0930 - 1100	10 minutes

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

Crystal Palace Bus Station to Clapham Common, Old Town		Clapham Common, Old Town to Crystal Palace Bus Station			
First departure no later than 0450.		First departure no later than 0530.			
0445 - 0850	Every 20 minutes	0525 - 0920	Every 20 minutes		
0851 - 0045	Every 15 minutes	0921 - 0120	Every 15 minutes		
Last departure no earlier than 0040.		Last departure no earlier than 0115.			
<b>Pinchpoints</b>					
Streatham Hill, Telford Avenue	0908 - 1125	15 minutes	Norwood, Crown Point	1000 - 1130	15 minutes

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

**4) OPERATIONAL CONSIDERATIONS**

4.1) Route No. 417 should interwork with Route No. N137 between Crystal Palace Bus Station and Clapham Common Station to form a seamless 24 hour service.

4.2) Route No. 417 can suffer from unpredictable traffic delays in the Crystal Palace and Streatham areas.

**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 417: Crystal Palace Bus Station - Clapham Common, Old Town

**Date of Structural Change:** 20 August 2016.

**Date of Service Change:** 20 August 2016.

**Reason for Issue:** {To be specified}.

### STREETS TRAVERSED

**Towards Clapham Common, Old Town:** Crystal Palace Bus Station East Side, Crystal Palace Parade, Church Road, Westow Street, Central Hill, Crown Dale, Crown Lane, Leigham Court Road, Streatham High Road, Streatham Hill, Streatham Place, Atkins Road, Kings Avenue, Clapham Park Road, Clapham Common South Side, Long Road, Rookery Road, Clapham Common North Side.

**Towards Crystal Palace Bus Station:** Old Town, The Pavement, Clapham Park Road, Kings Avenue, Atkins Road, Streatham Place, Streatham Hill, Leigham Court Road, Crown Lane, Crown Dale, Central Hill, Westow Hill, Crystal Palace Parade.

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

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

### CRYSTAL PALACE BUS STATION

Private stand for 9 buses facing south in marked bays on east side of bus station on east side of Crystal Palace Parade opposite Farquhar Road.

Buses proceed from Crystal Palace Parade via Crystal Palace Bus Station East Side to stand, departing to Crystal Palace Bus Station East Side. Set down in Crystal Palace Parade, at Stop C (940 - Crystal Palace Parade, Last Stop on LOR: 940 - Crystal Palace Parade) and pick up in Crystal Palace Bus Station East Side, at Stop D (BP2418 - Crystal Palace Bus Station, First Stop on LOR: BP2418 - Crystal Palace Bus Station).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 417 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:	Crystal Palace.

### **NORWOOD, BEULAH HILL (from CLAPHAM COMMON, OLD TOWN)**

Public stand for one bus on west side of Beulah Hill commencing opposite the southern kerbline of the northern arm of Grecian Crescent, and extending 13 metres south. Buses proceed from Crown Lane via Beulah Hill, Grecian Crescent (Northern Arm), Grecian Crescent, Grecian Crescent (Southern Arm) and Beulah Hill to stand, departing via Beulah Hill to Crown Lane. Set down in Crown Lane, at Stop CK (1851 - Crown Lane / Crown Point, Last Stop on LOR: 1851 - Crown Lane / Crown Point) and pick up in Crown Lane, at Stop CT (13184 - Crown Point, First Stop on LOR: 13184 - Crown Point).

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: Norwood, Crown Point.

### **NORWOOD, BEULAH HILL (from Crystal Palace Bus Station)**

Public stand for one bus on west side of Beulah Hill commencing opposite the southern kerbline of the northern arm of Grecian Crescent, and extending 13 metres south. Buses proceed from Crown Dale via Beulah Hill, Grecian Crescent (Northern Arm), Grecian Crescent, Grecian Crescent (Southern Arm) and Beulah Hill to stand, departing via Beulah Hill to Crown Dale. Set down in Crown Dale (13186 - Tivoli Road, Last Stop on LOR: 13186 - Tivoli Road) and pick up in Crown Dale (13322 - Tivoli Road, First Stop on LOR: 13322 - Tivoli 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: Crown Dale, Norwood School.

### **CROWN DALE, NORWOOD SCHOOL**

Buses depart from out of service to Crown Dale. Pick up in Crown Dale (13186 - Tivoli Road, First Stop on LOR: 13186 - Tivoli Road).

AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: None.  
BLIND DISPLAY: Crown Dale, Norwood School.



## **STREATHAM HILL STATION**

### From Clapham Common, Old Town.

Buses proceed from Streatham Hill via Streatham High Road, Drewstead Road, Bridge To Sternhold Avenue and Sternhold Avenue departing to Streatham Hill. Set down {Not Specified}, D (29450 - Streatham Hill Stn # / Streatham Hill, Last Stop on LOR: 29450 - Streatham Hill Stn # / Streatham Hill) and pick up {Not Specified}, B (R0421 - Streatham Hill Stn # / Streatham Hill, First Stop on LOR: R0421 - Streatham Hill Stn # / Streatham Hill).

### From Crystal Palace Bus Station.

Buses proceed from Leigham Court Road via Drewstead Road, Bridge To Sternhold Avenue, Sternhold Avenue and Streatham Hill departing to Leigham Court Road. Set down in Leigham Court Road, at stop G (12908 - Leigham Court Road / Streatham Hill Stn #, Last Stop on LOR: 12908 - Leigham Court Road / Streatham Hill Stn #) and pick up in Leigham Court Road, at stop H (12909 - Leigham Court Road / Streatham Hill Stn #, First Stop on LOR: 12909 - Leigham Court Road / Streatham Hill Stn #).

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

## **CLAPHAM PARK, ATKINS ROAD (from Crystal Palace Bus Station)**

Offside public stand on the north side of Atkins Road immediately west of the junction with Kings Avenue and extending 50 metres west.

Buses proceed from Atkins Road direct to stand, departing via Atkins Road and Poynders Road to Atkins Road. Set down in Atkins Road, at Stop H (12758 - Atkins Road / New Park Road, Last Stop on LOR: 12758 - Atkins Road / New Park Road) and pick up in Atkins Road, at Stop E (12757 - Atkins Road / New Park Road, First Stop on LOR: 12757 - Atkins Road / New Park 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: Clapham Park.

## **CLAPHAM COMMON, OLD TOWN**

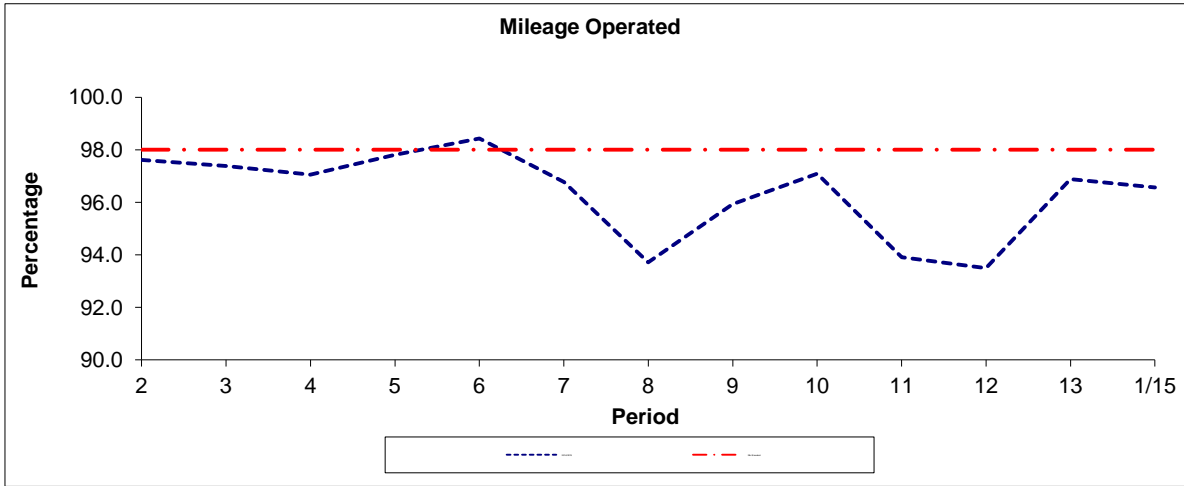
Private dead stand for up to four buses standing abreast in bus parking area at junction of Old Town and Clapham Common North Side.

Buses proceed from Clapham Common North Side via The Polygon and Old Town to stand, departing to Old Town. Set down in Clapham Common North Side (BP5867 - Omnibus Clapham, Last Stop on LOR: BP5867 - Omnibus Clapham) and pick up in Old Town, at stop TT (BP5868 - Wingate Square, First Stop on LOR: BP5868 - Wingate Square).

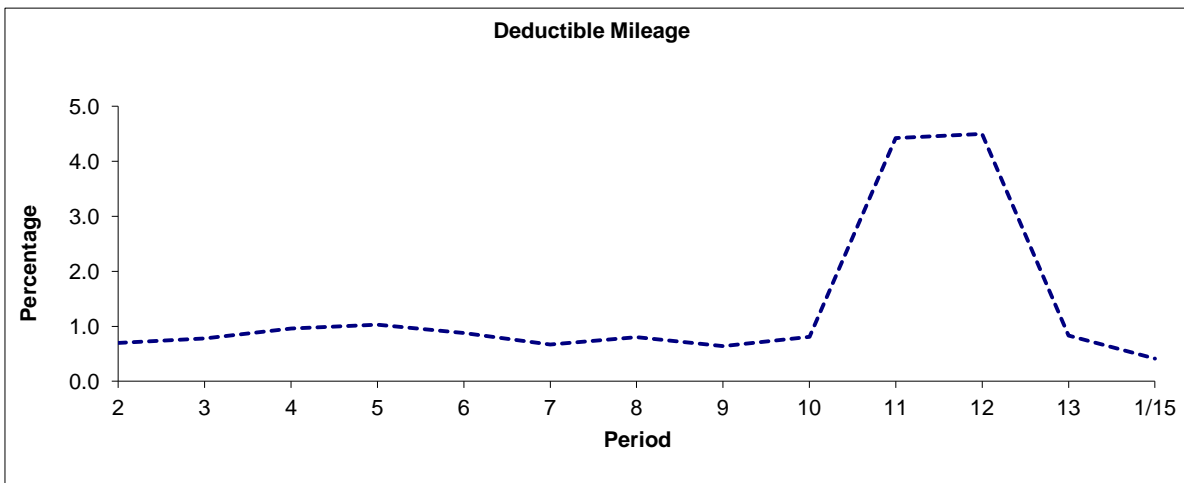
AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 417 should be scheduled to stand at any one time.
MEAL RELIEFS:	No meal relief vehicles to stand at any time.
FERRY VEHICLES:	No ferry vehicles to park on stand at any time.
BLIND DISPLAY:	Clapham Common.

**PART B - PERFORMANCE STATISTICS**

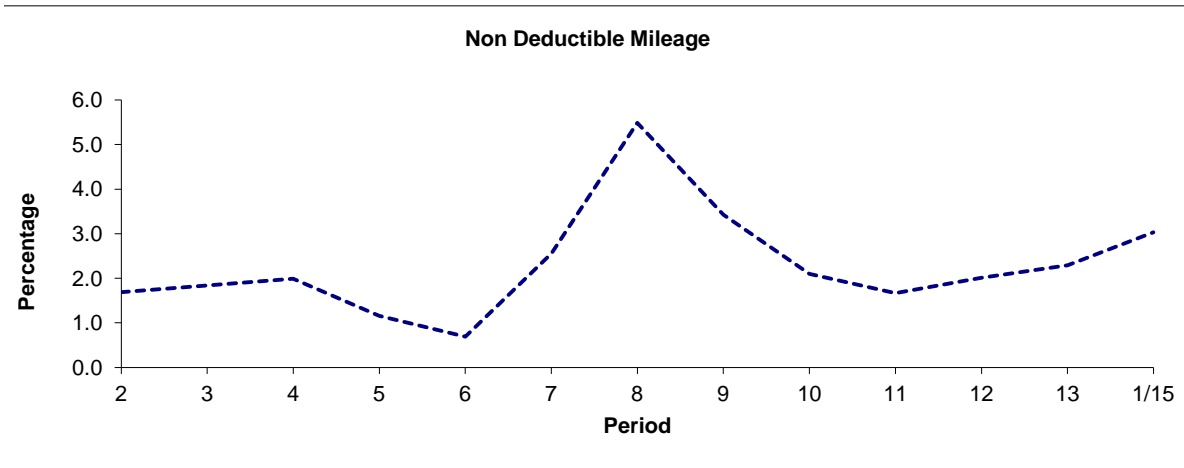
**Route 417**



Period	2	3	4	5	6	7	8	9	10	11	12	13	1/15
2014/2015	97.61	97.38	97.05	97.81	98.43	96.77	93.71	95.93	97.09	93.91	93.49	96.88	96.56
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	2	3	4	5	6	7	8	9	10	11	12	13	1/15
2014/2015	0.70	0.78	0.96	1.03	0.88	0.67	0.80	0.64	0.81	4.42	4.50	0.83	0.41

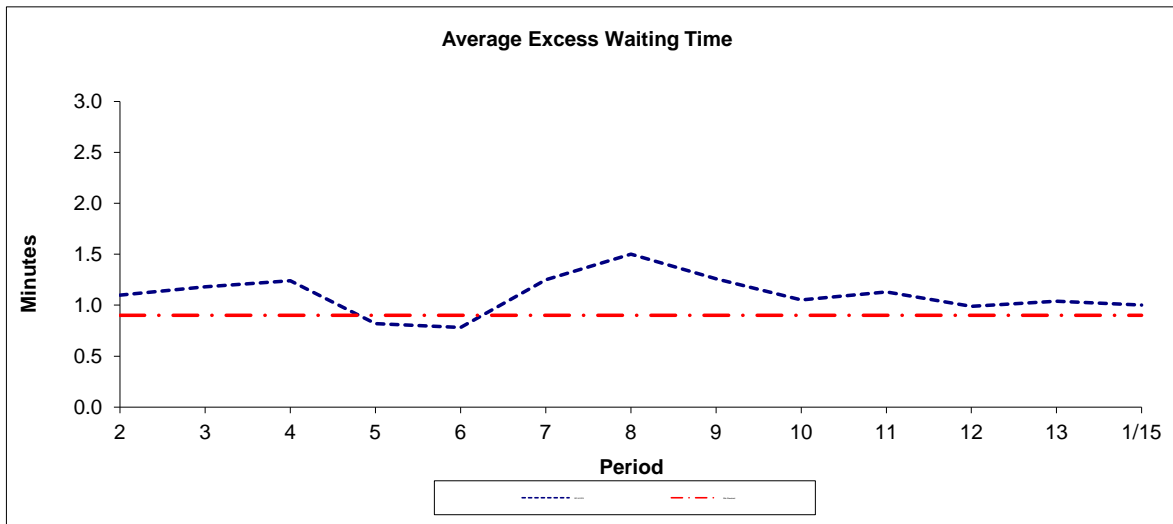


Period	2	3	4	5	6	7	8	9	10	11	12	13	1/15
2014/2015	1.69	1.84	1.99	1.16	0.69	2.56	5.49	3.43	2.10	1.67	2.01	2.29	3.03

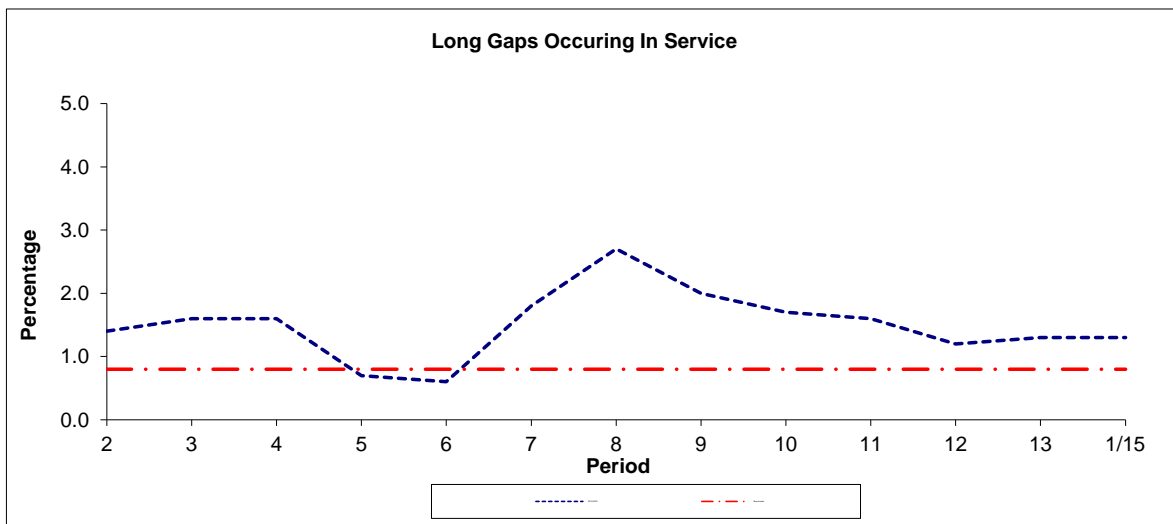
**Note :** Mileage is based on 4 weeks data  
 Deductible mileage performance adversely affected by industrial action by drivers in periods 11 and 12.

**PART B - PERFORMANCE STATISTICS**

**Route 417**



Period	2	3	4	5	6	7	8	9	10	11	12	13	1/15
2014-2015	1.10	1.18	1.24	0.82	0.78	1.25	1.50	1.26	1.05	1.13	0.99	1.04	1.00
Min Standard	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90



Period	2	3	4	5	6	7	8	9	10	11	12	13	1/15
2014-2015	1.4	1.6	1.6	0.7	0.6	1.8	2.7	2.0	1.7	1.6	1.2	1.3	1.3
Benchmark	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

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

**ROUTE 417 - FULL iBUS RESULTS BY TIME OF DAY  
 QUARTERS 1 TO 4 2014/15 (01/04/14 - 31/03/15)**

**MONDAY - FRIDAY**

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (mins)	Actual Waiting Time (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)
0500 - 0700	18,862.	96.0	6.61	<b>0.63</b>	7.24	78.2	20.2	1.5	0.1	1.2	59
0700 - 1000	46,930.	93.9	4.43	<b>1.32</b>	5.75	84.3	14.4	1.1	0.2	2.3	54
1000 - 1300	41,889.	97.7	4.94	<b>0.89</b>	5.83	84.3	14.9	0.7	0.1	0.8	63
1300 - 1600	42,553.	95.0	4.93	<b>1.25</b>	6.18	80.7	17.8	1.4	0.2	1.7	47
1600 - 1900	41,192.	96.4	4.98	<b>1.58</b>	6.56	78.8	18.7	2.2	0.4	2.6	64
1900 - 2200	33,579.	99.7	6.00	<b>0.88</b>	6.88	74.0	24.1	1.7	0.2	1.1	59
2200 - 2400	18,056.	100.3	7.53	<b>0.48</b>	8.01	65.5	33.5	1.0	0.1	0.1	70
<b>Summary</b>	<b>243,061.</b>	<b>96.6</b>	<b>5.13</b>	<b>1.19</b>	<b>6.32</b>	<b>80.1</b>	<b>18.3</b>	<b>1.4</b>	<b>0.2</b>	<b>1.7</b>	<b>70</b>

**SATURDAY**

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (mins)	Actual Waiting Time (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)
0500 - 0700	2,184.	98.4	10.00	<b>0.48</b>	10.48	51.8	41.8	5.6	0.8	1.0	60
0700 - 1000	7,630.	96.4	5.83	<b>0.64</b>	6.47	81.1	18.2	0.7	0.0	0.3	41
1000 - 1300	8,562.	98.4	5.03	<b>0.96</b>	5.99	83.0	15.9	1.0	0.1	1.0	36
1300 - 1600	8,748.	97.4	5.00	<b>0.99</b>	5.99	83.3	15.6	1.1	0.1	1.2	62
1600 - 1900	8,524.	96.1	5.16	<b>0.79</b>	5.95	82.9	16.4	0.6	0.1	0.6	42
1900 - 2200	5,954.	100.8	7.14	<b>0.93</b>	8.07	65.0	30.9	3.6	0.6	0.9	60
2200 - 2400	3,772.	98.6	7.54	<b>0.77</b>	8.30	64.0	33.8	1.9	0.3	0.2	37
<b>Summary</b>	<b>45,374.</b>	<b>97.8</b>	<b>5.63</b>	<b>0.87</b>	<b>6.50</b>	<b>79.1</b>	<b>19.4</b>	<b>1.4</b>	<b>0.2</b>	<b>0.8</b>	<b>62</b>

**SUNDAY AND BANK HOLIDAYS**

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (mins)	Actual Waiting Time (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)
0500 - 0700	2,292.	99.1	10.00	<b>0.49</b>	10.49	52.2	42.1	4.6	1.0	1.3	62
0700 - 1000	5,359.	97.5	9.12	<b>0.48</b>	9.60	56.7	38.9	4.1	0.3	0.0	52
1000 - 1300	6,435.	98.4	7.37	<b>0.46</b>	7.83	66.0	32.6	1.2	0.2	0.2	51
1300 - 1600	6,378.	98.1	7.43	<b>0.85</b>	8.28	63.9	32.6	3.2	0.3	0.3	59
1600 - 1900	6,535.	97.4	7.37	<b>0.93</b>	8.30	64.0	32.2	3.3	0.5	0.6	51
1900 - 2200	6,443.	100.1	7.49	<b>0.66</b>	8.15	65.0	32.4	2.2	0.4	0.4	62
2200 - 2400	4,163.	101.6	7.56	<b>0.53</b>	8.09	65.4	33.3	1.0	0.3	0.3	48
<b>Summary</b>	<b>37,605.</b>	<b>98.7</b>	<b>7.62</b>	<b>0.70</b>	<b>8.32</b>	<b>63.8</b>	<b>33.2</b>	<b>2.6</b>	<b>0.4</b>	<b>0.3</b>	<b>62</b>

**ALL DAYS**

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (mins)	Actual Waiting Time (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)
0500 - 0700	23,338.	96.5	7.14	<b>0.60</b>	7.74	74.1	23.6	2.1	0.2	1.2	62
0700 - 1000	59,919.	94.5	4.77	<b>1.23</b>	6.00	82.8	15.9	1.2	0.1	2.0	54
1000 - 1300	56,886.	97.9	5.23	<b>0.85</b>	6.08	82.0	17.1	0.8	0.1	0.8	63
1300 - 1600	57,679.	95.7	5.20	<b>1.17</b>	6.37	79.3	19.0	1.5	0.2	1.5	62
1600 - 1900	56,251.	96.5	5.23	<b>1.43</b>	6.66	77.8	19.7	2.1	0.3	2.2	64
1900 - 2200	45,976.	99.9	6.31	<b>0.86</b>	7.17	71.9	25.9	2.0	0.3	1.0	62
2200 - 2400	25,991.	100.3	7.54	<b>0.52</b>	8.06	65.3	33.5	1.1	0.1	0.1	70
<b>Summary</b>	<b>326,040.</b>	<b>97.0</b>	<b>5.42</b>	<b>1.11</b>	<b>6.53</b>	<b>78.4</b>	<b>19.8</b>	<b>1.5</b>	<b>0.2</b>	<b>1.5</b>	<b>70</b>

Transport for London - QSI Points and Live Mileage List

v2.0 - Mileage directly imported from Caesar

**TRANCHE 523**

Route 417

Service change 34317  
07/07/2014

Reason for Issue	Mileage update
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QSI Points are highlighted.

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
CPALBS	BP2418	Crystal Palace Bus Station		
	13222	Westow Hill	209	0.13
	BP3761	Westow Street	384	0.24
	1443	Gipsy Hill Police Station	319	0.20
	13190	Rockmount Road	344	0.21
	13189	Hermitage Road	235	0.15
	13188	Salter's Hill	274	0.17
NORWSCC	13186	Tivoli Road	454	0.28
NORWCP	13184	Crown Point	444	0.28
	27967	Ryecroft Road	207	0.13
	13179	Streatham Common North / Leigham Crt Rd	222	0.14
	20547	Leigham Court Road / Streatham Common	151	0.09
	13171	Julian's Primary School	411	0.26
	13170	Rockhampton Road	321	0.20
	BP168	St Peters Church	203	0.13
	13169	Valley Road	296	0.18
	R0540	Dunraven School	156	0.10
	BP2254	Mountearl Gardens	254	0.16
SMHLSN	12908	Leigham Court Road / Streatham Hill Stn	306	0.19
	R0421	Streatham Hill Stn / Streatham Hill	166	0.10
	1764	Barrhill Road	211	0.13
SMHLTA	R0420	Telford Avenue	202	0.13
	43	Christchurch Road	239	0.15
	BP2083	Streatham Place	256	0.16
	12758	Atkins Road / New Park Road	223	0.14
	W1	Kings Avenue / Atkins Road	255	0.16
CLMPKT	12773	Thorncilffe Road	374	0.23
	12770	Clarence Avenue	334	0.21
	12767	Lyham Road	367	0.23
	12766	Bedford Road	252	0.16
	1089	Park Hill	331	0.21
CCOMSN	25990	Clapham Common Station	440	0.27
	9367	Long Road / Clapham Common	161	0.10
CCOMON	BP5867	Omnibus Clapham	505	0.31
Total Route Mileage - Out Direction			9506	5.91
			Metres	Miles

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
CCOMOT	BP5868	Wingate Square		
CCOMSN	14638	Clapham Common Station	322	0.20
	4857	Park Hill	451	0.28
	1667	Bedford Road	230	0.14
	12768	Lyham Road	329	0.20
	12769	Clarence Avenue	206	0.13
	BP4497	Rosebery Road	279	0.17
CLMPKT	12774	Thorncilffe Road	266	0.17
	12778	Kings Avenue / Atkins Road	275	0.17
	12757	Atkins Road / New Park Road	298	0.19
	12759	Streatham Place	227	0.14
	R0417	Streatham Hill / Christchurch Road	267	0.17
SMHLTA	27495	Telford Avenue	256	0.16
	29450	Streatham Hill Stn / Streatham Hill	312	0.19
SMHLSN	12909	Leigham Court Road / Streatham Hill Stn	209	0.13
	BP5346	Streatham Close	186	0.12
	13167	Dunraven School	240	0.15
	13168	Leigham Court Road / Valley Road	495	0.31
	13605	St Peters Church	190	0.12
	13317	Julian's Primary School	286	0.18
	16598	Leaf Grove	279	0.17
	13319	Leigham Court Road / Streatham Common	287	0.18
	27966	Ryecroft Road	384	0.24
NORWCP	1851	Crown Lane / Crown Point	184	0.11
	13322	Tivoli Road	298	0.19
	13323	Norwood School	313	0.19
	13324	Salter's Hill	334	0.21
	13325	Hermitage Road	233	0.14
	13326	Rockmount Road	310	0.19
	1416	Westow Hill	564	0.35
CPALPD	940	Crystal Palace Parade	217	0.13
Total Route Mileage - Back Direction			8727	5.42
			Metres	Miles