

## 7. Service Specification

Route: 60

QC42201

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>Terminus Points</b>	Old Coulsdon, Tudor Rose to Streatham Station
<b>Contract Basis</b>	Incentivised
<b>Commencement Date</b>	31 <sup>st</sup> August 2013
<b>Vehicle Type</b>	87 capacity, dual door, double deck buses, subject to a satisfactory route test
<b>Current Maximum Approved Dimensions</b>	10.2 metres long and 2.55 metres wide
<b>New Vehicles Mandatory</b>	Yes
<b>Hybrid Price Required</b>	No
<b>Sponsored Route</b>	No
<b>Minimum Performance Standard</b>	Average Excess Wait Time - No more than 1.10 minutes
<b>Extension Threshold</b>	Average Excess Wait Time Threshold – 0.95 minutes
<b>Advertising Rights</b>	Operator
<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 29<sup>th</sup> October 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) 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. 60.

- From September 2012 the additional Mondays to Fridays afternoon school day only journeys at 1540 and 1625 are withdrawn. The 0730 Mondays to Fridays school day only journey is to remain.
- Route No. 60 is extended to terminate and stand at Streatham Station.

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:

- 87 capacity, dual door, double deck buses will be specified, subject to a satisfactory route test.
- The Boxing Day service should match the Sunday service.
- **Tenderers must identify the cost of the Boxing Day element of this service separately.**

### 3) SCHEDULE REQUIREMENTS & PINCHPOINTS

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

Old Coulsdon, Tudor Rose to Streatham Station		Streatham Station to Old Coulsdon, Tudor Rose			
First departure no later than 0440.		First departure no later than 0540.			
0435 - 0540	Every 20 minutes	0535 - 0620	Every 20 minutes		
0541 - 0625	Every 15 minutes	0621 - 1955	Every 12 minutes		
0626 - 1900	Every 12 minutes	1956 - 2030	Every 15 minutes		
1901 - 2115	Every 15 minutes	2031 - 0035	Every 20 minutes		
2116 - 2400	Every 20 minutes				
Last departure no earlier than 2355.		Last departure no earlier than 0030.			
<b>Pinchpoints</b>					
West Croydon, Bus Station	0715 - 0915	12 minutes	Thornton Heath Bus Garage, London Road	0700 - 0900	12 minutes
	1505 - 1630	12 minutes		1510 - 1620	12 minutes

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

Streatham Station to Old Coulsdon, Tudor Rose	
0730	One journey

The journey shown in Section 3.2 is specifically designed to meet the start time of Oasis Academy (formerly Coulsdon High School) and Coulsdon College in the Coulsdon area.

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

Old Coulsdon, Tudor Rose to Streatham Station		Streatham Station to Old Coulsdon, Tudor Rose			
First departure no later than 0440.		First departure no later than 0540.			
0435 - 0740	Every 20 minutes	0535 - 0740	Every 20 minutes		
0741 - 0835	Every 15 minutes	0741 - 0840	Every 15 minutes		
0836 - 1745	Every 12 minutes	0841 - 1740	Every 12 minutes		
1746 - 2035	Every 15 minutes	1741 - 2110	Every 15 minutes		
2036 - 2400	Every 20 minutes	2111 - 0035	Every 20 minutes		
Last departure no earlier than 2355.		Last departure no earlier than 0030.			
<b>Pinchpoints</b>					
West Croydon, Bus Station	0930 - 1100	12 minutes	Thornton Heath Bus Garage, London Road	0935 - 1110	12 minutes

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

**3.4) SUNDAY AND PUBLIC HOLIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS**

Old Coulsdon, Tudor Rose to Streatham Station		Streatham Station to Old Coulsdon, Tudor Rose			
First departure no later than 0440.		First departure no later than 0540.			
0435 - 0640	Every 30 minutes	0535 - 0640	Every 30 minutes		
0641 - 0800	Every 20 minutes	0641 - 0820	Every 20 minutes		
0801 - 1755	Every 15 minutes	0821 - 1905	Every 15 minutes		
1756 - 2400	Every 20 minutes	1906 - 0035	Every 20 minutes		
Last departure no earlier than 2355.		Last departure no earlier than 0030.			
<b>Pinchpoints</b>					
West Croydon, Bus Station	1035 - 1135	15 minutes	Thornton Heath Bus Garage, London Road	1030 - 1130	15 minutes

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

**4) OPERATIONAL CONSIDERATIONS**

4.1) Route No. 60 can suffer unpredictable traffic delays in the Croydon Hospital area.

**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 60: Old Coulsdon, Tudor Rose - Streatham Station

**Date of Structural Change:** 31 August 2013.

**Date of Service Change:** 31 August 2013.

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

### STREETS TRAVERSED

**Towards Streatham Station:** Placehouse Lane, Mead Way, Chaldon Way, Marlpit Lane, Brighton Road Roundabout, Brighton Road, Purley Cross, Brighton Road, South End, Croydon High Street, Katharine Street, St George's Walk, Park Street, Park Lane, Wellesley Road, Station Road, London Road, Thornton Heath Pond, London Road, Galpin's Road, South Lodge Avenue, Wide Way, Rowan Road, Greyhound Terrace, Streatham Vale, Greyhound Lane, Streatham High Road, Streatham Station Bus Stand.

**Towards Old Coulsdon, Tudor Rose:** Streatham Station Bus Stand, Streatham High Road, Greyhound Lane, Streatham Vale, Greyhound Terrace, Rowan Road, Wide Way, South Lodge Avenue, Galpin's Road, London Road, Thornton Heath Pond, London Road, North End, Poplar Walk, Wellesley Road, Croydon Bus Bridge, Park Street, Croydon High Street, South End, Brighton Road, Purley Cross, Brighton Road, Brighton Road Roundabout, Marlpit Lane, Chaldon Way, Mead Way, Tollers Lane, The Crossways, Coulsdon Road, Placehouse Lane.

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

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

### **OLD COULSDON, TUDOR ROSE**

Public stand for two buses on south side of Placehouse Lane, commencing 5 metres east of the entrance to the Tudor Rose public house.

Buses proceed from Placehouse Lane direct to stand, departing to Placehouse Lane. Set down in Placehouse Lane, at Stop L (20443 - Old Coulsdon / Tudor Rose, Last Stop on LOR: 20443 - Old Coulsdon / Tudor Rose) and pick up in Placehouse Lane, at Stop L (20443 - Old Coulsdon / Tudor Rose, First Stop on LOR: 20443 - Old Coulsdon / Tudor Rose).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 60 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:	Old Coulsdon.
OTHER INFORMATION:	Council toilet facilities available 0800 to 1730 daily.

### **COULSDON, CHALDON WAY (from STREATHAM STATION)**

Buses proceed from Chaldon Way via Mead Way departing to Chaldon Way. Set down in Chaldon Way (15820 - Bradmore Way, Last Stop on LOR: 15820 - Bradmore Way) and pick up in Chaldon Way (15821 - Bradmore Way, First Stop on LOR: 15821 - Bradmore Way).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	<b>Turning Point Only - Buses must not stand</b>
BLIND DISPLAY:	Coulsdon, Chaldon Way.

### **COULSDON, BRIGHTON ROAD (from STREATHAM STATION)**

Buses proceed from Brighton Road via Brighton Road Roundabout departing to Brighton Road. Set down in Brighton Road, at Stop D (20678 - Lion Green Road, Last Stop on LOR: 20678 - Lion Green Road) and pick up in Brighton Road, at Stop G (20677 - Coulsdon Library, First Stop on LOR: 20677 - Coulsdon Library).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	<b>Turning Point Only - Buses must not stand</b>
BLIND DISPLAY:	Coulsdon.

### **PURLEY, WHYTECLIFFE ROAD (from Old Coulsdon, Tudor Rose)**

Public stand for three buses on east side of Whytecliffe Road South, commencing 5 metres north of the north flank wall of No 52 and extending 33 metres north.

Buses proceed from Brighton Road via Whytecliffe Road South to stand, departing via Whytecliffe Road South, Purley Road and Purley Cross to Brighton Road. Set down in Brighton Road, at Stop D (4396 - Purley / Downlands Precinct, Last Stop on LOR: 4396 - Purley / Downlands Precinct) and pick up in Brighton Road, at Stop U (14631 - Purley Tesco, First Stop on LOR: 14631 - Purley Tesco).

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: Purley.

### **PURLEY CROSS, BRIGHTON ROAD / HIGH STREET (from STREATHAM STATION)**

Public stand for five buses in bay on east side of Brighton Road, south of Whytecliffe Road South, commencing in line with the party wall of 8/9 The Parade (9 metres north of the slip road to High Street Purley) and extending 61 metres north east.

Buses proceed from Brighton Road direct to stand, departing via Brighton Road and Purley Cross to Brighton Road. Set down in Brighton Road, at Stop G (10824 - Purley / Downlands Precinct, Last Stop on LOR: 10824 - Purley / Downlands Precinct) and pick up in Brighton Road, at Stop D (4396 - Purley / Downlands Precinct, First Stop on LOR: 4396 - Purley / Downlands Precinct).

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: Purley.



## **SOUTH CROYDON, SWAN & SUGAR LOAF (from STREATHAM STATION)**

Public stand on north side of Nottingham Road, in two parts:

1. For one bus commencing 25 metres west of Brighton Road outside flats 3-4 Whitgift Court and extending 15 metres west.
2. For two buses, commencing 50 metres west of Brighton Road of outside flats 7-8 Whitgift Court and extending 25 metres west.

Buses proceed from South End via Warham Road and Nottingham Road to stand, departing via Nottingham Road to Brighton Road. Set down in South End, at Stop S (25870 - Aberdeen Road, Last Stop on LOR: 25870 - Aberdeen Road) and pick up in Brighton Road, at Stop H (18900 - Swan & Sugar Loaf, First Stop on LOR: 18900 - Swan & Sugar Loaf).

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:	South Croydon, South End.

## **CROYDON, PARK STREET (from STREATHAM STATION)**

Public stand for four buses on south side of Park Street, commencing 8 metres east of the boundary wall of 36/38 and extending 45 metres east.

Buses proceed from Wellesley Road via Croydon Bus Bridge and Park Street to stand, departing via Park Street and Croydon High Street to Katharine Street. Set down in Wellesley Road, at Stop WK (34317 - Whitgift Centre, Last Stop on LOR: 34317 - Whitgift Centre) and pick up in Katharine Street, at Stop KL (BP1549 - Croydon Library, First Stop on LOR: BP1549 - Croydon Library).

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:	Croydon Town Centre.

## **WEST CROYDON BUS STATION**

Private stand for 14 buses in West Croydon Bus Station on east side of Station Road.

### From Old Coulsdon, Tudor Rose.

Buses proceed from Station Road via West Croydon Bus Station to stand, departing via West Croydon Bus Station, Station Road and North End to Poplar Walk. Set down in Station Road, at Stop B5 (R0853 - West Croydon Bus Station, Last Stop on LOR: R0852 - West Croydon Bus Station) and pick up in Poplar Walk, at Stop WE (BP1916 - Poplar Walk, First Stop on LOR: BP1916 - Poplar Walk).

### From Streatham Station.

Buses proceed from Poplar Walk via Wellesley Road, Station Road and West Croydon Bus Station to stand, departing via West Croydon Bus Station to Station Road. Set down in Poplar Walk, at Stop WE (BP1916 - Poplar Walk, Last Stop on LOR: BP1916 - Poplar Walk) and pick up in Station Road, at Stop B4 (R0852 - West Croydon Bus Station, First Stop on LOR: R0852 - West Croydon Bus Station).

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:	West Croydon.

## **THORNTON HEATH POND, LONDON ROAD**

Public stand for two buses on east side of London Road, commencing 2 metres north of Alma Place and extending 29 metres north.

### From Old Coulsdon, Tudor Rose.

Buses proceed from London Road via Whitehall Road and Thornton Heath Bus Garage to stand, departing via Thornton Heath Bus Garage and Whitehall Road to London Road. Set down in Whitehall Road, at alighting point (33746 - Thornton Heath Bus Garage, Last Stop on LOR: 15108 - Croydon University Hospital) and pick up in London Road, at stop G (BP1744 - Thornton Heath Pond, First Stop on LOR: 37002 - Thornton Heath Pond).

### From Streatham Station.

Buses proceed from London Road via Whitehall Road to stand, departing via Thornton Heath Bus Garage and Whitehall Road to London Road. Set down in Whitehall Road, at alighting point (33746 - Thornton Heath Bus Garage, Last Stop on LOR: 807 - Colliers Water Lane) and pick up in London Road, at stop H (806 - Thornton Heath Pond, First Stop on LOR: 806 - Thornton Heath Pond).

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:	Thornton Heath Pond.

### **POLLARDS HILL, SOUTH LODGE AVENUE (from Old Coulsdon, Tudor Rose)**

Public stand on north side of South Lodge Avenue commencing opposite and 15 metres west of junction with Yorkshire Road and extending 43.5 metres west.

Buses proceed from South Lodge Avenue direct to stand, departing to South Lodge Avenue. Set down in South Lodge Avenue, at stop G (25833 - Pollards Hill Library, Last Stop on LOR: 25833 - Pollards Hill Library) and pick up in South Lodge Avenue, at stop C (BP3797 - South Lodge Avenue / Yorkshire Road, First Stop on LOR: 25831 - Yorkshire 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: Pollards Hill.

### **STREATHAM VALE, GREYHOUND TERRACE (from Old Coulsdon, Tudor Rose)**

Buses proceed from Greyhound Terrace via B272 and Greyhound Terrace departing to Rowan Road. Set down in Greyhound Terrace, at stop VH (12659 - Greyhound Terrace, Last Stop on LOR: 12659 - Greyhound Terrace) and pick up in Rowan Road, at stop VM (12661 - Rowan Crescent, First Stop on LOR: 12661 - Rowan Crescent).

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

### **STREATHAM STATION**

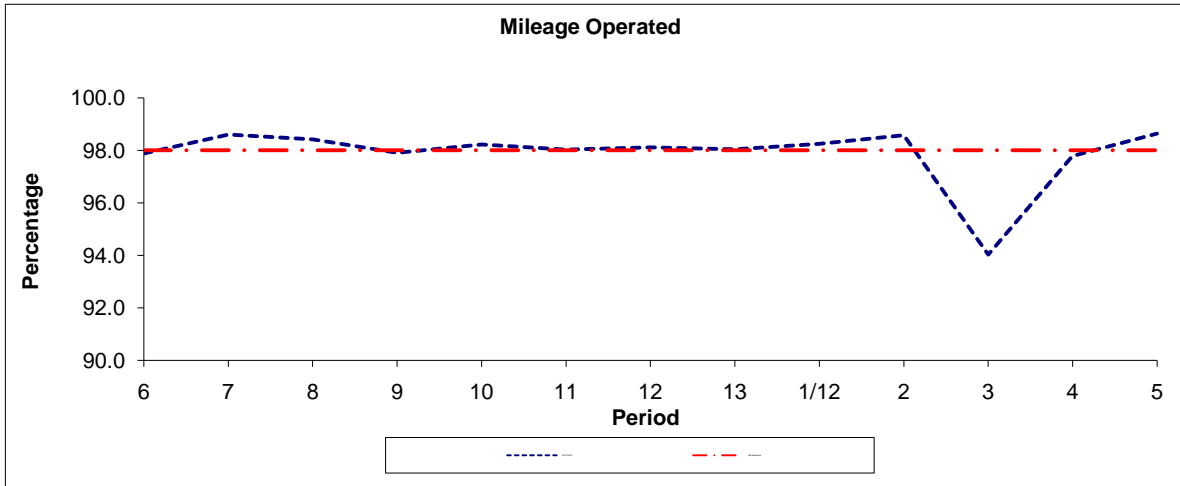
Private stand for six buses standing abreast on north side of bus parking area adjacent to Streatham Station.

Buses proceed from Streatham Station Bus Stand direct to stand, departing to Streatham Station Bus Stand. Set down in Streatham Station Bus Stand (BP5726 - Streatham Station #, Last Stop on LOR: BP5726 - Streatham Station #) and pick up in Streatham Station Bus Stand (BP5725 - Streatham Station #, First Stop on LOR: BP5725 - Streatham Station #).

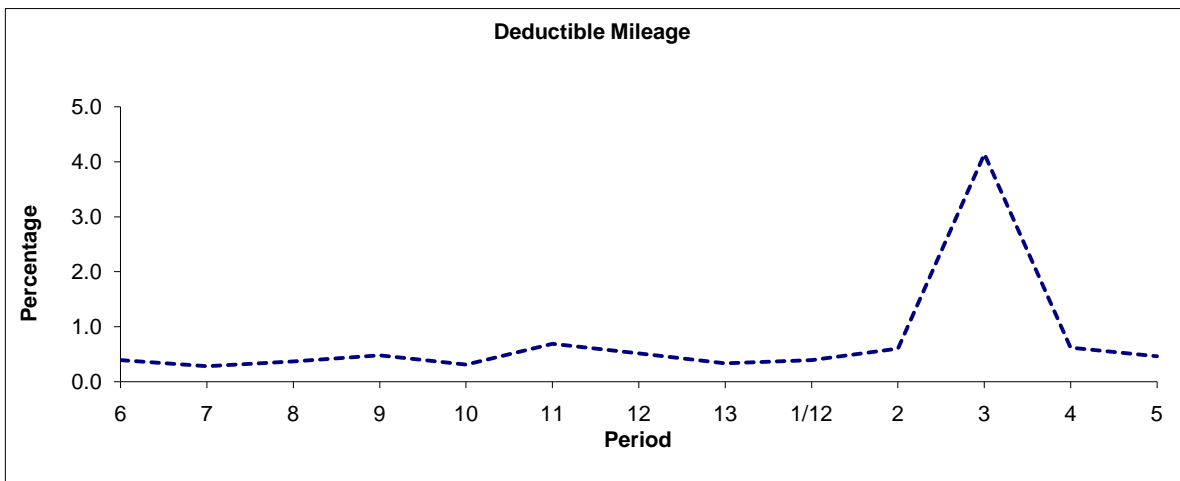
AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: No more than 2 buses on Route 60 should be scheduled to stand at any one time.  
MEAL RELIEFS: No meal relief vehicles to stand at any time.  
FERRY VEHICLES: No ferry vehicles to park on stand at any time.  
BLIND DISPLAY: Streatham.

**PART B - PERFORMANCE STATISTICS**

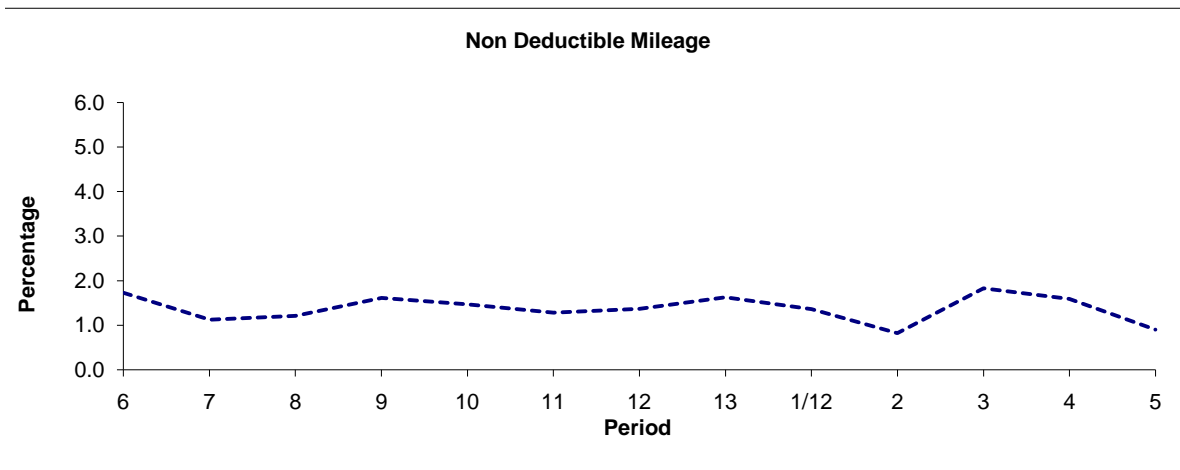
**Route 60**



Period	6	7	8	9	10	11	12	13	1/12	2	3	4	5
2011/2012	97.88	98.60	98.42	97.91	98.22	98.03	98.12	98.04	98.25	98.58	94.03	97.79	98.64
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	6	7	8	9	10	11	12	13	1/12	2	3	4	5
2011/2012	0.39	0.28	0.37	0.48	0.31	0.69	0.51	0.33	0.39	0.60	4.14	0.62	0.46

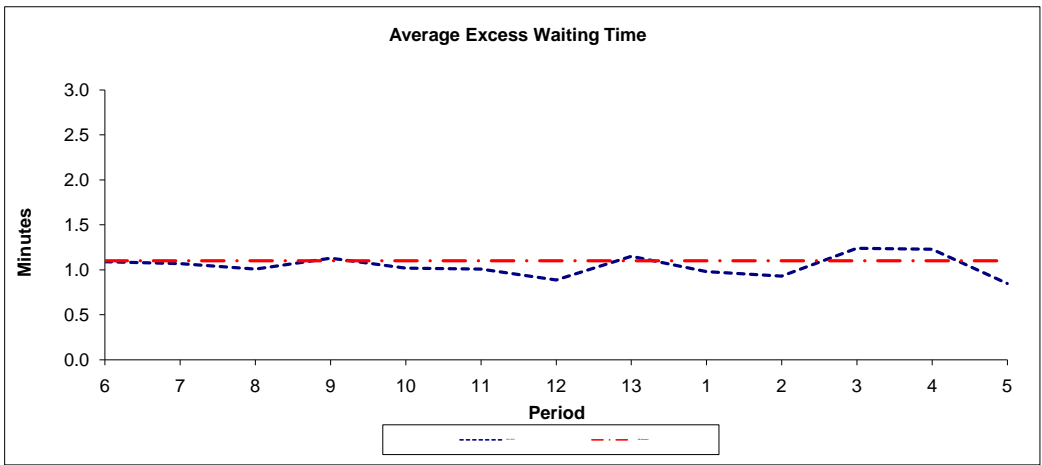


Period	6	7	8	9	10	11	12	13	1/12	2	3	4	5
2011/2012	1.73	1.12	1.21	1.61	1.47	1.28	1.37	1.63	1.36	0.82	1.83	1.59	0.90

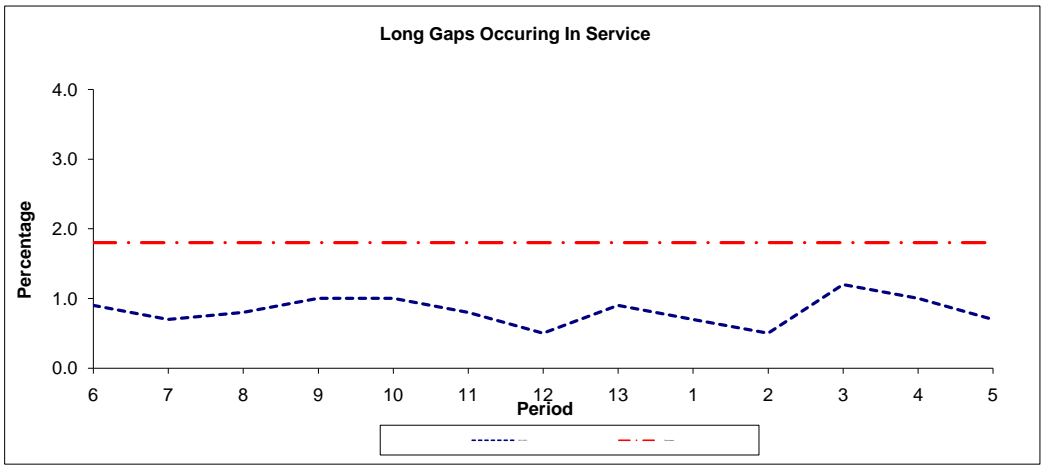
**Note :** Mileage is based on 4 weeks data  
Performance affected by industrial action in p3 2012/13.

**PART B - PERFORMANCE STATISTICS**

**Route 60**



Period	6	7	8	9	10	11	12	13	1	2	3	4	5
2011-2012	1.09	1.07	1.01	1.13	1.02	1.01	0.89	1.15	0.98	0.93	1.24	1.23	0.85
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	6	7	8	9	10	11	12	13	1	2	3	4	5
2011-2012	0.90	0.70	0.80	1.00	1.00	0.80	0.50	0.90	0.70	0.50	1.20	1.00	0.70
Benchmark	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80

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

**ROUTE 60 - FULL iBUS RESULTS BY TIME OF DAY**  
**QUARTERS 2 11/12 to 1 12/13 (25/06/11 - 22/06/12)**

**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	23,871.	96.9	8.61	<b>0.53</b>	9.14	64.6	32.0	3.3	0.2	0.5	68.4
0700 - 1000	70,484.	98.4	5.73	<b>0.94</b>	6.67	77.4	21.2	1.3	0.1	0.6	60.4
1000 - 1300	66,529.	97.7	5.97	<b>1.00</b>	6.97	74.2	23.9	1.7	0.2	0.7	56.9
1300 - 1600	66,321.	96.8	6.01	<b>1.41</b>	7.42	71.5	25.0	3.1	0.4	1.4	64.0
1600 - 1900	69,628.	98.0	5.83	<b>1.51</b>	7.35	72.5	24.5	2.7	0.3	1.3	62.0
1900 - 2200	52,288.	100.9	7.36	<b>0.89</b>	8.25	63.6	31.5	4.3	0.6	0.7	72.8
2200 - 2400	26,817.	102.9	9.48	<b>0.45</b>	9.93	53.4	40.6	5.3	0.6	0.2	63.2
<b>Summary</b>	<b>375,938.</b>	<b>98.5</b>	<b>6.28</b>	<b>1.15</b>	<b>7.43</b>	<b>71.5</b>	<b>25.5</b>	<b>2.7</b>	<b>0.3</b>	<b>1.0</b>	<b>72.8</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	4,015.	97.8	10.00	<b>0.59</b>	10.59	52.5	40.7	5.9	0.9	0.9	48.1
0700 - 1000	11,240.	98.7	7.44	<b>0.55</b>	7.98	69.0	29.0	1.9	0.1	0.0	60.8
1000 - 1300	13,990.	99.7	5.97	<b>0.64</b>	6.60	77.4	21.9	0.7	0.0	0.2	35.5
1300 - 1600	13,915.	99.6	6.00	<b>0.78</b>	6.78	76.5	22.2	1.1	0.1	0.4	49.5
1600 - 1900	13,518.	99.2	6.15	<b>0.68</b>	6.83	74.9	23.9	1.1	0.1	0.4	46.3
1900 - 2200	10,536.	97.9	7.78	<b>0.75</b>	8.53	61.3	34.1	4.1	0.5	0.4	58.5
2200 - 2400	5,767.	101.8	9.39	<b>0.58</b>	9.97	53.7	40.3	5.6	0.4	0.2	75.7
<b>Summary</b>	<b>72,981.</b>	<b>99.2</b>	<b>6.67</b>	<b>0.68</b>	<b>7.35</b>	<b>72.0</b>	<b>26.0</b>	<b>1.8</b>	<b>0.2</b>	<b>0.3</b>	<b>75.7</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	3,126.	99.2	14.56	<b>0.49</b>	15.05	41.8	31.1	23.3	3.9	1.6	65.1
0700 - 1000	10,583.	98.5	8.73	<b>0.47</b>	9.19	59.8	36.9	3.1	0.1	0.0	65.9
1000 - 1300	12,325.	98.9	7.45	<b>0.57</b>	8.02	65.4	32.3	2.1	0.2	0.2	40.7
1300 - 1600	12,363.	98.5	7.39	<b>1.04</b>	8.43	63.4	32.5	3.8	0.3	0.3	52.0
1600 - 1900	12,168.	98.7	7.53	<b>0.80</b>	8.33	63.1	33.4	3.2	0.2	0.2	52.2
1900 - 2200	9,291.	101.8	9.84	<b>0.28</b>	10.12	51.2	41.8	6.5	0.5	0.0	43.0
2200 - 2400	6,217.	101.9	9.47	<b>0.36</b>	9.83	53.6	41.5	4.5	0.3	0.1	46.1
<b>Summary</b>	<b>66,073.</b>	<b>99.4</b>	<b>8.17</b>	<b>0.67</b>	<b>8.84</b>	<b>60.6</b>	<b>35.0</b>	<b>4.0</b>	<b>0.4</b>	<b>0.2</b>	<b>65.9</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	31,012.	97.2	9.12	<b>0.53</b>	9.65	61.9	32.9	4.7	0.5	0.6	68.4
0700 - 1000	92,307.	98.4	6.02	<b>0.89</b>	6.91	75.8	22.6	1.4	0.1	0.5	65.9
1000 - 1300	92,844.	98.2	6.14	<b>0.89</b>	7.03	73.7	24.5	1.6	0.1	0.6	56.9
1300 - 1600	92,599.	97.4	6.15	<b>1.28</b>	7.43	71.4	25.3	2.9	0.4	1.2	64.0
1600 - 1900	95,314.	98.3	6.03	<b>1.36</b>	7.39	71.8	25.3	2.6	0.3	1.1	62.0
1900 - 2200	72,115.	100.6	7.69	<b>0.80</b>	8.50	61.9	32.9	4.6	0.6	0.6	72.8
2200 - 2400	38,801.	102.6	9.47	<b>0.45</b>	9.92	53.5	40.7	5.3	0.6	0.2	75.7
<b>Summary</b>	<b>514,992.</b>	<b>98.7</b>	<b>6.51</b>	<b>1.04</b>	<b>7.55</b>	<b>70.5</b>	<b>26.5</b>	<b>2.7</b>	<b>0.3</b>	<b>0.8</b>	<b>75.7</b>

## Transport for London - Mileage and QSI Points

Route 60  
 Service change 29812  
 Date 28/01/2012

Reason for Issue
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Locations shaded in blue denote QSI points under Full iBus

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
OCDNTR	20443	Old Coulsdon/Tudor Rose		
	15825	Mead Way / Tollers Lane	344	0.21
	25266	New Hill	341	0.21
	15823	Meadway / Chaldon Way	348	0.22
	15821	Bradmore Way	263	0.16
	15819	Chaldon Way Gardens	236	0.15
	15817	Coulsdon South Station	404	0.25
	20677	Coulsdon Library	399	0.25
CSDNCV	4404	Coulsdon Town Station	251	0.16
	27591	The Avenue	172	0.11
	15806	Willow Court	367	0.23
	15002	Smitham Downs Road	324	0.20
	2869	Brighton Road / Old Lodge Lane	469	0.29
	12430	Grovelands Road	306	0.19
	4391	Purley Tesco	518	0.32
PYXRBR	4396	Purley / Downlands Precinct	310	0.19
	10825	Christchurch Road / Purley Hospital	253	0.16
	12083	Montpelier Road	399	0.25
	3427	Purley Downs Road	249	0.15
	BP1281	Biddulph Road	398	0.25
	10821	Purley Oaks Station	202	0.13
	815	Sanderstead Road	479	0.30
TC GR	9791	South Croydon Bus Garage	310	0.19
	1390	Haling Park Road	356	0.22
	15116	Upland Road	231	0.14
SCROSS	18900	Swan & Sugar Loaf	317	0.20
	10828	Coombe Road	405	0.25
	20698	Croydon Flyover	488	0.30
	BP1549	Croydon Library	210	0.13
	SL33	Park Street	214	0.13
	10813	Whitgift Centre	362	0.22
WCROBS	R0852	West Croydon Bus Station	507	0.32
	BP2000	West Croydon Station	267	0.17
	15112	Montague Road	239	0.15
	4417	Sumner Road	442	0.27
	15110	Broad Green Avenue	194	0.12
	25866	Canterbury Road	198	0.12
	15108	Croydon University Hospital	390	0.24
THGRLR	806	Thornton Heath Pond	311	0.19
	15106	Colliers Water Lane	315	0.20
	15600	Langdale Road	290	0.18
	33437	Galpins Road / London Road	421	0.26
	25828	Goldwell Road	254	0.16
	25829	Silverleigh Road	225	0.14
	25832	Yorkshire Road	352	0.22
SLGALB	25833	Pollards Hill Library	232	0.14
	25835	Ivy Gardens	397	0.25
MTCHRR	12671	Northborough Road	294	0.18
	25838	Stanford Way	323	0.20
	12664	Longthornton Road	355	0.22
	12663	Rowan Crescent	231	0.14
	12659	Greyhound Terrace	266	0.17
	12799	Braeside Road	334	0.21
	12796	Aberfoyle Road	412	0.26
	12793	Streatham Common Station	156	0.10
SCOMGH	12789	Greyhound Lane / Streatham High Road	477	0.30
STRESN	BP5726	Streatham Station	510	0.32
<b>TOTAL ROUTE MILEAGE - OUT DIRECTION</b>			18302 metres	11.37 miles

## Tranche 422

BACK DIRECTION					
Timing Point Code	Stop Number	Stop Name	Metres	Miles	
STRESN	BP5725	Streatham Station			
	35037	Streatham United Reformed Church	235	0.15	
SCOMGH	12790	Greyhound Lane / Streatham High Road	318	0.20	
	11755	Streatham Common Station	419	0.26	
	12795	Aberfoyle Road	239	0.15	
	12800	Braeside Road	251	0.16	
	12801	Greyhound Terrace	265	0.16	
	12661	Rowan Crescent	367	0.23	
	12662	Longthornton Road	197	0.12	
	12665	Streatham Park Cemetery	168	0.10	
	25839	Rosemead Avenue	389	0.24	
	MTCHRR	25836	Northborough Road	308	0.19
BP3494		Ivy Gardens	210	0.13	
SLGALB		25834	Pollards Hill Library	304	0.19
		25831	Yorkshire Road	369	0.23
		25830	Recreation Way	149	0.09
		25827	Goldwell Road	391	0.24
		4419	London Road / Galpins Road	301	0.19
		15601	Heathview Road	227	0.14
		15107	Langdale Road	186	0.12
		807	Colliers Water Lane	188	0.12
		THGRLR	37002	Thornton Heath Pond	357
R0525	Dunheved Road North		135	0.08	
1441	Croydon University Hospital		300	0.19	
15111	Broad Green Avenue		374	0.23	
4418	Sumner Road		370	0.23	
15113	Montague Road		187	0.12	
4420	West Croydon Station		316	0.20	
WCROPW	BP1916	Poplar Walk	292	0.18	
	34317	Whitgift Centre	242	0.15	
	BP1586	Park Street	569	0.35	
	2378	Croydon Flyover	304	0.19	
	10829	Coombe Road	333	0.21	
	25870	Aberdeen Road	258	0.16	
SCROSS	17851	Swan & Sugar Loaf	324	0.20	
	20916	Upland Road	332	0.21	
	1391	Haling Park Road	348	0.22	
TC GR	816	South Croydon Bus Garage	342	0.21	
	4423	Sanderstead Road	226	0.14	
	10820	Purley Oaks Station	259	0.16	
	3428	Biddulph Road	467	0.29	
	25875	Purley Downs Road	362	0.22	
	12082	Montpelier Road	344	0.21	
	PYXRBR	10824	Purley / Downlands Precinct	472	0.29
14631		Purley Tesco	454	0.28	
12429		Grovelands Road	345	0.21	
12868		Brighton Road / Old Lodge Lane	291	0.18	
33682		Musgrove Close	302	0.19	
4385		Smitham Downs Road	295	0.18	
15805		Willow Court	460	0.29	
12432		Coulsdon Town Station	333	0.21	
CSDNCR		575	Coulsdon Library	273	0.17
	20678	Lion Green Road	251	0.16	
	15816	Coulsdon South Station	240	0.15	
	17664	Downs Road	199	0.12	
	15818	Chaldon Way Gardens	224	0.14	
	15820	Bradmore Way	239	0.15	
	15822	Meadway / Chaldon Way	221	0.14	
	25267	New Hill	309	0.19	
	15824	Tollers Lane / Placehouse Lane	475	0.30	
	20418	Tollers Lane / the Crossways	234	0.15	
	29020	The Crossways	331	0.21	
	OCDNTR	20443	Old Coulsdon / Tudor Rose	436	0.27
	<b>TOTAL ROUTE MILEAGE - BACK DIRECTION</b>			<b>18907</b>	<b>11.75</b>
			metres	miles	