

## 7. Service Specification

**Route: 322**

**Contract Reference: QC47502**

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>	Crystal Palace Bus Station and Clapham Common, Old Town
<b>Contract Basis</b>	Incentivised
<b>Commencement Date</b>	2 <sup>nd</sup> May 2015
<b>Vehicle Type</b>	45 capacity, single door, single deck buses - <b>Larger buses are not acceptable due to highway constraints</b>
<b>Current Maximum Approved Dimensions</b>	8.9 metres long and 2.5 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 - 0.95 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 2<sup>nd</sup> June 2014

*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. 322.

- Route No. 322 is currently using a temporary stand at Clapham Common North Side. By the start of the contract Route No. 322 will be relocated to a one bus stand at the east end of The Pavement.

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:

- Mondays to Saturdays daytime frequencies are increased from every 15 minutes to every 12 minutes.
- Sunday shopping hour frequencies are increased from every 20 minutes to every 15 minutes.

### **Hail & ride operation:**

Hail and ride operation, with buses stopping wherever it is safe to set down and pick up passengers, applies on the following sections of Route No. 322:

#### Towards Clapham Common, Old Town:

St Gothard Road, Vale Street, Tritton Road, Rosendale Road

#### Towards Crystal Palace Bus Station:

Rosendale Road, Tritton Road, Vale Street, St Gothard Road

### **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.

*All tender prices should be based on the gross fuel cost exclusive of BSOG payments which will not be claimable from DfT after 1<sup>st</sup> October 2013.*

Tenderers should note that if they are supplying an alternative price based on using existing vehicles, these must be refurbished in line with the revised specification dated 1st March 2014. This applies to all contracts awarded from Tranche 471 onwards.

Cash Free Boarding will be extended throughout London from 6th July 2014. Submitted tender prices should fully reflect the cost saving accrued from this change. Tenderers should also indicate the approximate additional cost if cash fares were still to be accepted.

### 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 0535.			First departure no later than 0545.		
0530 - 0635	Every 15 minutes		0540 - 0645	Every 15 minutes	
0636 - 1935	Every 12 minutes		0646 - 1945	Every 12 minutes	
1936 - 2035	Every 15 minutes		1946 - 2030	Every 15 minutes	
2036 - 0020	Every 20 minutes		2031 - 0015	Every 20 minutes	
Last departure no earlier than 0015.			Last departure no earlier than 0010.		
<b>Pinchpoints</b>					
Brixton Station	0715 - 0915	12 minutes	West Norwood, Norwood Road, Robson Road	0725 - 0925	12 minutes
	1510 - 1635	12 minutes		1515 - 1640	12 minutes

#### 3.2) 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 0535.			First departure no later than 0545.		
0530 - 0635	Every 20 minutes		0540 - 0645	Every 20 minutes	
0636 - 0735	Every 15 minutes		0646 - 0730	Every 15 minutes	
0736 - 1835	Every 12 minutes		0731 - 1830	Every 12 minutes	
1836 - 1935	Every 15 minutes		1831 - 1930	Every 15 minutes	
1936 - 0020	Every 20 minutes		1931 - 0015	Every 20 minutes	
Last departure no earlier than 0015.			Last departure no earlier than 0010.		
<b>Pinchpoints</b>					
Brixton Station	0935 - 1135	12 minutes	West Norwood, Norwood Road, Robson Road	0925 - 1125	12 minutes

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

**3.3) 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 0535.			First departure no later than 0545.		
0530 - 0735	Every 30 minutes		0540 - 0715	Every 30 minutes	
0736 - 0935	Every 20 minutes		0716 - 0935	Every 20 minutes	
0936 - 1835	Every 15 minutes		0936 - 1750	Every 15 minutes	
1836 - 0020	Every 20 minutes		1751 - 0015	Every 20 minutes	
Last departure no earlier than 0015.			Last departure no earlier than 0010.		
<b>Pinchpoints</b>					
Brixton Station	1040 - 1140	15 minutes	West Norwood, Norwood Road, Robson Road	1035 - 1135	15 minutes

**4) OPERATIONAL CONSIDERATIONS**

- 4.1) Route No. 322 should interwork with other bus services where possible.
- 4.2) Route No. 322 can suffer from unpredictable traffic delays in the West Norwood and Brixton areas.
- 4.3) Smaller buses are used on the route due to highway constraints at the corner of St Gothard Road and St Cloud Road in West Norwood.

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

**Date of Structural Change:** 28 March 2015.

**Date of Service Change:** 28 March 2015.

**Reason for Issue:** New tender.

#### **STREETS TRAVERSED**

**Towards Clapham Common, Old Town:** Crystal Palace Bus Station East Side, Crystal Palace Parade, Church Road, Westow Street, Gipsy Hill, Gipsy Road, St Gothard Road, St Cloud Road, St Gothard Road, Vale Street, Tritton Road, Rosendale Road, Park Hall Road, Robson Road, Norwood Road, Dulwich Road, Hurst Street, Railton Road, Atlantic Road, Brixton Road, Stockwell Road, Stockwell Green, Landor Road, Bedford Road, Lendal Terrace, Clapham High Street, Clapham Common South Side, Long Road, Rookery Road, Clapham Common North Side.

**Towards Crystal Palace Bus Station:** The Pavement, Clapham Common South Side, Clapham High Street, Clapham Road, Bedford Road, Landor Road, Stockwell Green Northern Arm, Stockwell Road, Brixton Road, Atlantic Road, Railton Road, Rymer Street, Dulwich Road, Norwood Road, Robson Road, Park Hall Road, Rosendale Road, Tritton Road, Vale Street, St Gothard Road, St Cloud Road, St Gothard Road, Gipsy Road, Gipsy 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 322 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.
OTHER INFORMATION:	Toilet facilities available.

### **GIPSY ROAD, GIPSY HILL (from CLAPHAM COMMON, OLD TOWN)**

Buses proceed from Gipsy Road via Dulwich Wood Park departing to Gipsy Road. Set down in Gipsy Road (BP1712 - Oaks Avenue, Last Stop on LOR: BP1712 - Oaks Avenue) and pick up in Gipsy Road (BP1709 - Oaks Avenue, First Stop on LOR: BP1709 - Oaks Avenue).

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

### **WEST NORWOOD, MYTON ROAD (from CLAPHAM COMMON, OLD TOWN)**

Public stand on south side of Myton Road, commencing 5 metres east of lamp standard No 1462 and extending 19 metres east.

Buses proceed from Park Hall Road via Rosendale Road and Myton Road to stand, departing via Myton Road, Martell Road and Park Hall Road to Robson Road. Set down in Park Hall Road (13272 - Martell Road, Last Stop on LOR: 13272 - Martell Road) and pick up in Robson Road (13273 - Martell Road, First Stop on LOR: 13273 - Martell 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:	West Norwood.

## **TULSE HILL STATION**

Public stand for three buses on the west side of Hardel Rise.

### **From Clapham Common, Old Town.**

Buses proceed from Norwood Road via Christchurch Road and Hardel Rise to stand, departing via Hardel Rise and Tulse Hill to Norwood Road. Set down in Norwood Road, at Stop C (480 - Thurlow Park Road, Last Stop on LOR: 480 - Thurlow Park Road) and pick up in Norwood Road, at Stop B (13260 - Thurlow Park Road, First Stop on LOR: 13260 - Thurlow Park Road).

### **From Crystal Palace Bus Station.**

Buses proceed from Norwood Road via Christchurch Road and Hardel Rise to stand, departing via Hardel Rise and Tulse Hill to Norwood Road. Set down in Christchurch Road, at Stop E (35303 - Tulse Hill Station #, Last Stop on LOR: 26402 - Lancaster Avenue) and pick up in Norwood Road, at Stop G (7730 - Tulse Hill Station #, First Stop on LOR: 7730 - Tulse Hill 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:	Tulse Hill Station.

## **HERNE HILL STATION (from Crystal Palace Bus Station)**

Buses proceed from Dulwich Road via Hurst Street, Railton Road and Rymer Street departing to Dulwich Road. Set down in Dulwich Road, at Stop L (437 - Herne Hill Station #, Last Stop on LOR: BP5534 - Brockwell Park) and pick up in Dulwich Road, N (436 - Herne Hill Station #, First Stop on LOR: 436 - Herne Hill Station #).

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



### **BRIXTON, STOCKWELL PARK WALK (from Crystal Palace Bus Station)**

Public stand for ten buses on the north side of Stockwell Park Walk commencing 15 metres east of a point opposite Astoria Walk and extending 123 metres west.

Buses proceed from Atlantic Road via Brixton Road, Stockwell Road and Stockwell Park Walk to stand, departing via Stockwell Park Walk and Brixton Road to Atlantic Road. Set down in Atlantic Road, at Stop LA (BP4618 - Brixton Station #, Last Stop on LOR: BP4618 - Brixton Station #) and pick up in Atlantic Road, at Stop L (235 - Brixton Station <> #, First Stop on LOR: 235 - Brixton 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: Brixton.

### **CLAPHAM NORTH STATION (from Crystal Palace Bus Station)**

Buses proceed from Bedford Road via Lendal Terrace, Clapham High Street, Clapham Road and Bedford Road departing to Landor Road. Set down {Not Specified}, D (BP2979 - Clapham North Station <>), Last Stop on LOR: BP2979 - Clapham North Station <>) and pick up {Not Specified}, P (BP4545 - Fenwick Place, First Stop on LOR: BP4545 - Fenwick Place).

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

### **CLAPHAM COMMON NORTH SIDE**

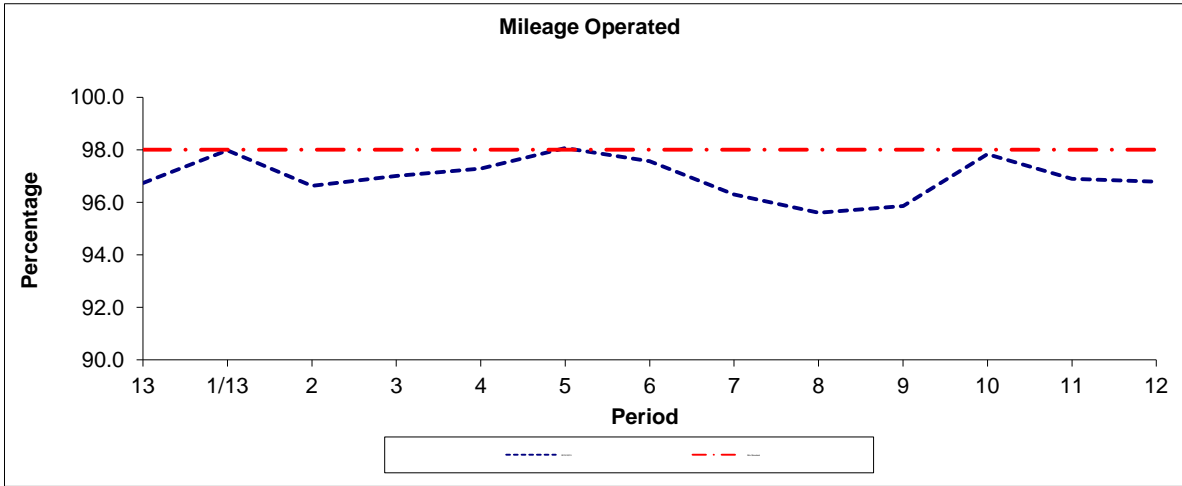
Public stand for two buses on west side of Clapham Common North Side, south of junction with Orlando Road.

Buses proceed from Clapham Common North Side direct to stand, departing via Clapham Common North Side to The Pavement. Set down in Clapham Common North Side, at stop W (12763 - Clapham Common Old Town, Last Stop on LOR: BP5790 - Clapham Common Old Town) and pick up in The Pavement (BP5791 - Clapham Common Old Town, First Stop on LOR: BP5819 - The Pavement).

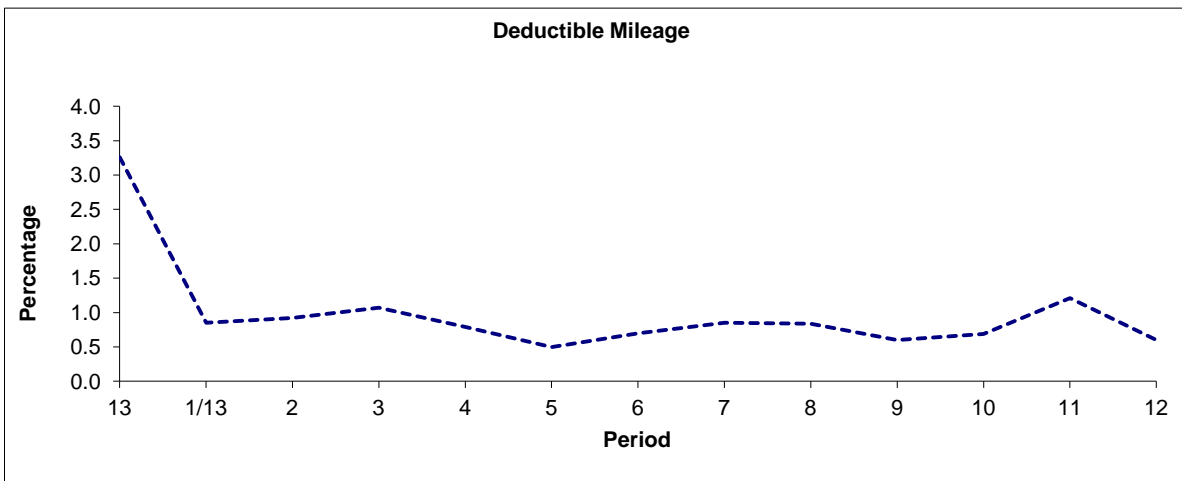
AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: No more than 2 buses on Route 322 should be scheduled to stand at any one time.  
MEAL RELIEFS: No meal relief vehicles to stand at any time.  
FERRY VEHICLES: No ferry vehicles to park on stand at any time.  
BLIND DISPLAY: Clapham Common.

**PART B - PERFORMANCE STATISTICS**

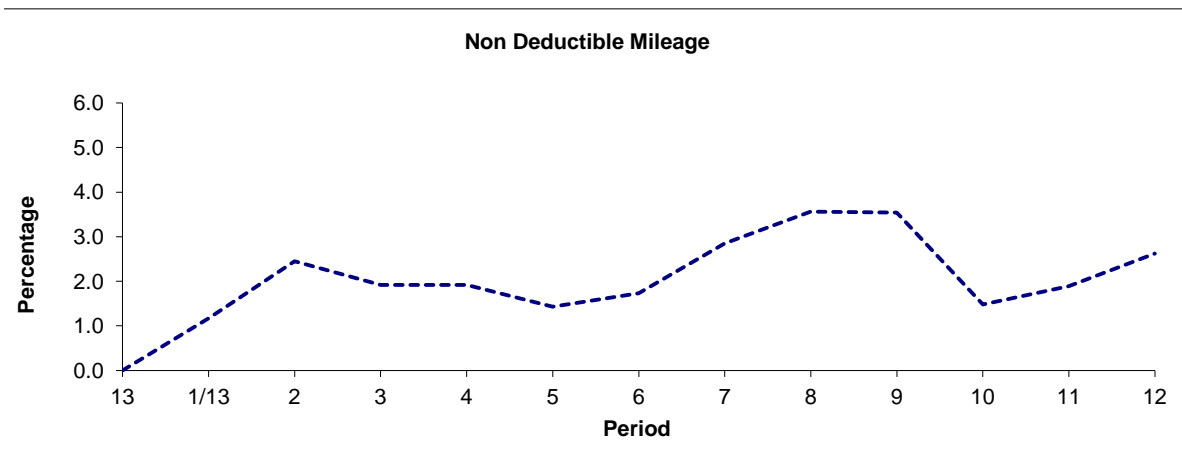
**Route 322**



Period	13	1/13	2	3	4	5	6	7	8	9	10	11	12
2012/2013	96.74	97.98	96.63	97.01	97.29	98.07	97.57	96.30	95.60	95.86	97.83	96.90	96.78
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	13	1/13	2	3	4	5	6	7	8	9	10	11	12
2012/2013	3.26	0.85	0.92	1.07	0.79	0.50	0.70	0.85	0.84	0.60	0.69	1.21	0.60

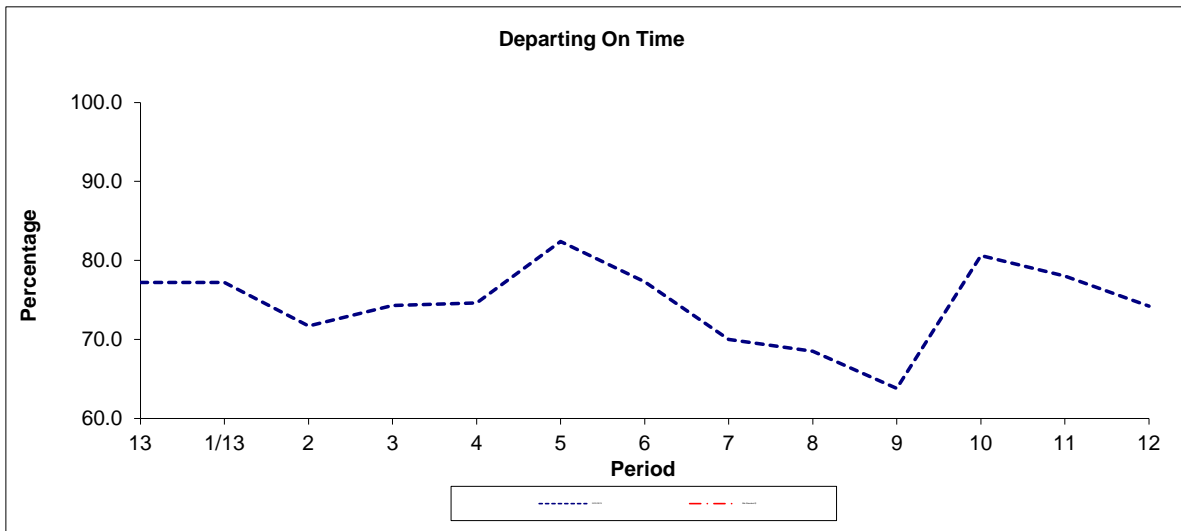


Period	13	1/13	2	3	4	5	6	7	8	9	10	11	12
2012/2013	0.00	1.17	2.45	1.92	1.92	1.43	1.73	2.85	3.56	3.54	1.48	1.89	2.62

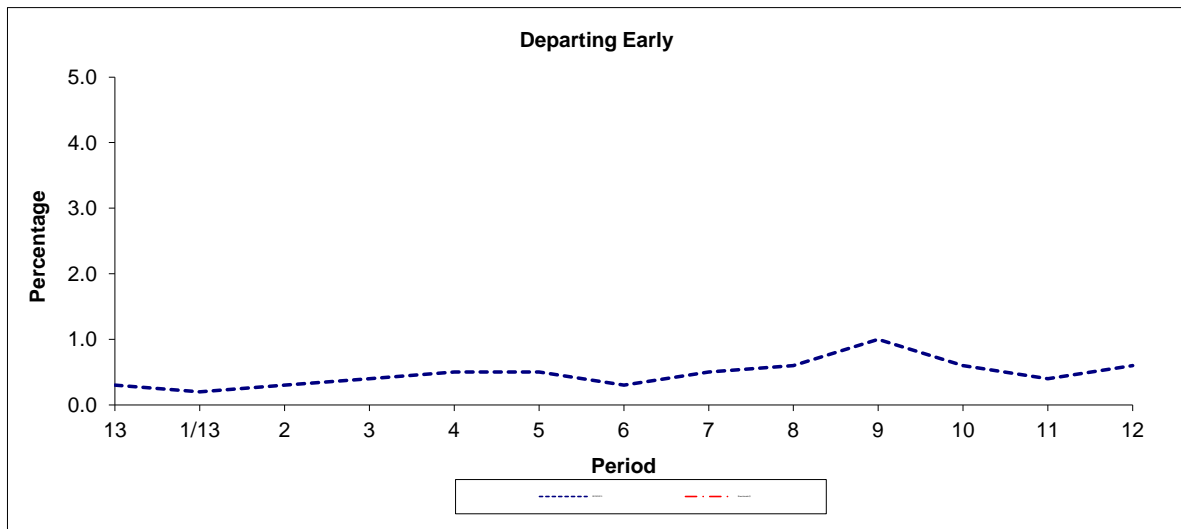
**Note :** Mileage is based on 4 weeks data

**PART B - PERFORMANCE STATISTICS**

**Route 322**



Period	13	1/13	2	3	4	5	6	7	8	9	10	11	12
2012/2013	77.2	77.2	71.7	74.3	74.6	82.4	77.3	70.0	68.5	63.8	80.6	78.0	74.2
Min Standard \$													



Period	13	1/13	2	3	4	5	6	7	8	9	10	11	12
2012/2013	0.3	0.2	0.3	0.4	0.5	0.5	0.3	0.5	0.6	1.0	0.6	0.4	0.6
Benchmark \$													

**Reliability is actual performance under full iBus (4 weeks data).**

**Minimum Standards and Benchmarks are those applicable under the new contract.**

**\$ High Frequency EWT minimum standard of 1.10 minutes and Long Gaps benchmark of 1.3% apply under the new contract.**

**ROUTE 322 - FULL iBUS RESULTS BY TIME OF DAY  
QUARTER 4 12/13 TO QUARTER 3 13/14 (05/01/13 - 03/01/14)**

**MONDAY - FRIDAY**

Time Period	Expected Buses	On AVL (%)	Linked (%)	Departing On Time (%)	Non Arrival / Not Linked (%)	Departing 8 - 2.5 mins Early (%)	Departing 5 - 15 mins Late (%)
0500 - 0700	13,455.	91.6	96.7	84.4	3.4	0.1	12.2
0700 - 1000	31,622.	96.2	91.3	68.3	9.0	0.8	22.0
1000 - 1300	31,429.	97.0	97.2	79.7	2.9	0.2	17.3
1300 - 1600	31,854.	96.8	96.3	77.9	3.9	0.2	18.0
1600 - 1900	31,405.	95.8	93.3	72.1	6.8	0.6	20.5
1900 - 2200	27,932.	97.6	94.1	71.3	6.1	0.6	22.0
2200 - 2400	15,823.	99.7	97.8	83.0	2.3	0.2	14.5
<b>Summary</b>	<b>183,520.</b>	<b>96.6</b>	<b>94.9</b>	<b>74.5</b>	<b>5.7</b>	<b>0.5</b>	<b>19.4</b>

**SATURDAY**

Time Period	Expected Buses	On AVL (%)	Linked (%)	Departing On Time (%)	Non Arrival / Not Linked (%)	Departing 8 - 2.5 mins Early (%)	Departing 5 - 15 mins Late (%)
0500 - 0700	2,182.	94.8	97.0	90.7	2.9	0.4	6.0
0700 - 1000	6,151.	96.0	95.6	73.7	5.2	0.1	21.0
1000 - 1300	6,625.	96.8	95.2	79.0	4.8	0.5	15.6
1300 - 1600	6,515.	95.5	92.8	71.9	7.3	0.3	20.5
1600 - 1900	6,601.	95.7	95.3	75.8	4.7	0.4	19.1
1900 - 2200	5,509.	93.6	90.3	61.1	10.2	0.8	27.9
2200 - 2400	3,306.	98.6	96.4	67.7	3.7	0.1	28.5
<b>Summary</b>	<b>36,889.</b>	<b>95.8</b>	<b>94.3</b>	<b>73.6</b>	<b>6.0</b>	<b>0.4</b>	<b>20.0</b>

**SUNDAY AND BANK HOLIDAYS**

Time Period	Expected Buses	On AVL (%)	Linked (%)	Departing On Time (%)	Non Arrival / Not Linked (%)	Departing 8 - 2.5 mins Early (%)	Departing 5 - 15 mins Late (%)
0500 - 0700	1,797.	97.6	97.7	90.7	2.3	0.6	6.4
0700 - 1000	5,167.	98.1	98.3	89.9	2.1	0.1	7.9
1000 - 1300	5,527.	96.3	96.7	71.0	3.6	0.2	25.2
1300 - 1600	5,271.	96.1	91.4	57.3	9.1	0.7	32.8
1600 - 1900	5,490.	97.9	97.4	77.8	2.9	0.6	18.6
1900 - 2200	5,520.	98.1	96.7	73.7	3.7	0.4	22.3
2200 - 2400	3,711.	99.8	98.4	90.0	1.7	0.8	7.6
<b>Summary</b>	<b>32,483.</b>	<b>97.6</b>	<b>96.5</b>	<b>73.1</b>	<b>4.5</b>	<b>0.5</b>	<b>21.9</b>

**ALL DAYS**

Time Period	Expected Buses	On AVL (%)	Linked (%)	Departing On Time (%)	Non Arrival / Not Linked (%)	Departing 8 - 2.5 mins Early (%)	Departing 5 - 15 mins Late (%)
0500 - 0700	17,434.	92.6	96.8	85.5	3.2	0.2	11.1
0700 - 1000	42,940.	96.4	92.8	69.8	8.3	0.7	21.2
1000 - 1300	43,581.	96.9	96.8	78.6	3.3	0.3	17.9
1300 - 1600	43,640.	96.5	95.2	74.9	4.9	0.3	19.9
1600 - 1900	43,496.	96.1	94.1	73.1	6.2	0.6	20.2
1900 - 2200	38,961.	97.1	94.0	70.3	6.4	0.6	22.7
2200 - 2400	22,840.	99.5	97.7	82.0	2.4	0.3	15.3
<b>Summary</b>	<b>252,892.</b>	<b>96.6</b>	<b>95.0</b>	<b>74.2</b>	<b>5.6</b>	<b>0.4</b>	<b>19.7</b>

Note : Route 322 changes to High Frequency under the new contract.

## Transport for London - QSI Points and Live Mileage List

Route 322  
 Service change 29574  
 Date 23/04/2012

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
	BP1705	Central Hill	279	0.17
	BP1706	Highland Road	229	0.14
	BP1707	Gipsy Hill Station	304	0.19
GYHLGR	BP1708	Gipsy Hill / Gipsy Road	322	0.20
	BP1709	Oaks Avenue	196	0.12
	BP1710	Salters Hill	212	0.13
	HC129	Hail & Ride Section	1135	0.71
	13273	Martell Road	260	0.16
	13271	Robson Road	296	0.18
	476	Robson Road / Norwood Road	224	0.14
WNORRR	26301	Norwood Road / Robson Road	108	0.07
	26402	Lancaster Avenue	317	0.20
	BP3388	Tulse Hill Station	453	0.28
	13260	Thurlow Park Road	159	0.10
	13258	Deronda Road	274	0.17
	26403	Brockwell Park Gardens	235	0.15
	13255	Rosendale Road	355	0.22
	BP5534	Brockwell Park	302	0.19
HERNDR	437	Herne Hill Station	194	0.12
	13335	Regent Road	327	0.20
	12930	Effra Parade	513	0.32
	13329	Kellett Road	261	0.16
BRIXSN	BP4618	Brixton Station	424	0.26
	421	Brixton Academy	263	0.16
	26341	Stansfield Road	237	0.15
	BP4543	Stockwell Green	268	0.17
	BP4542	Lambeth Hospital	344	0.21
	BP4541	Fenwick Place	324	0.20
	BP2979	Clapham North Station	138	0.09
	2157	St Luke's Avenue	438	0.27
CCOMSN	25990	Clapham Common Station	365	0.23
CCOMOT	BP1328	Clapham Common Old Town	743	0.46
<b>Total Route Mileage - Out Direction</b>			<b>11092</b>	<b>6.89</b>
			<b>Metres</b>	<b>Miles</b>

## Transport for London - QSI Points and Live Mileage List

Route 322  
 Service change 29574  
 Date 23/04/2012

QSI Points are highlighted.

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
CCOMOT	BP1328	Clapham Common Old Town		
CCOMSN	25991	Clapham Common Station	405	0.25
	2156	St Luke's Avenue	300	0.19
	548	Clapham North Station	263	0.16
	BP4545	Fenwick Place	368	0.23
	BP4544	Lambeth Hospital	318	0.20
	12827	Stockwell Green	470	0.29
	BP4154	Stansfield Road	268	0.17
	BP1785	Brixton Academy	174	0.11
BRIXSN	235	Brixton Station	349	0.22
	13330	Kellett Road	269	0.17
	13332	Effra Parade	416	0.26
	13336	Regent Road	420	0.26
HERNDR	436	Herne Hill Station	383	0.24
	26404	Brockwell Park	128	0.08
	13256	Rosendale Road	456	0.28
	4738	Brockwell Park Gardens	274	0.17
	13259	Deronda Road	262	0.16
	480	Thurlow Park Road	277	0.17
	7730	Tulse Hill Station	237	0.15
	13263	West Norwood Fire Station	188	0.12
	13266	Lancaster Avenue	240	0.15
WNORRR	478	Robson Road / Norwood Road	279	0.17
	13270	Robson Road	262	0.16
	13272	Martell Road	338	0.21
	HC130	Hail & Ride Section	1103	0.69
	BP1711	St Gothard Road	106	0.07
	BP1712	Oaks Avenue	321	0.20
GYHLGR	BP1713	Gipsy Hill / Gipsy Road	252	0.16
	BP2086	Dulwich Wood Avenue	212	0.13
	BP1714	Gipsy Hill Station	198	0.12
	BP1715	Highland Road	299	0.19
	1416	Westow Hill	381	0.24
CPALPD	940	Crystal Palace Parade	217	0.13
<b>Total Route Mileage - Back Direction</b>			<b>10433</b>	<b>6.48</b>
			<b>Metres</b>	<b>Miles</b>