# 7. Service Specification

Route: 177 Contract Reference: QC47501

This Service Specification forms section 7 of the ITT and should be read in conjunction with the ITT document, Version 1 dated 29 September 2011.

You are formally invited to tender for the provision of the bus service detailed below and in accordance with this Service Specification. Tenderers must ensure that a Compliant Tender is submitted and this will only be considered for evaluation if all parts of the Tender documents, as set out in section 11, have been received by the Corporation by the Date of Tender. The Tender must be fully completed in the required format, in accordance with the Instructions to Tenderers. A Compliant Tender must comply fully with the requirements of the Framework Agreement; adhere to the requirements of the Service Specification; and reflect the price of operating the Services with new vehicles.

Terminus Points	Thamesmead Town Centre
	and Peckham Bus Station
Contract Basis	Incentivised
Commencement Date	30 <sup>th</sup> May 2015
Vehicle Type	87 capacity, dual door, double deck buses
<b>Current Maximum Approved</b>	10.7 metres long and 2.5 metres wide
Dimensions	
New Vehicles Mandatory	Yes
Hybrid Price Required	Yes
Sponsored Route	No
Advertising Rights	Operator
Minimum Performance Standard	Average Excess Wait Time
	- No more than 1.20 minutes
Extension Threshold	Average Excess Wait Time Threshold
	- 1.05 minutes
Minimum Operated Mileage	No less than 98.00%
Standard	

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, no changes are proposed to the existing service for introduction prior to the commencement of the new Route Agreement for Route No. 177.

Tenderers should note that there are no changes proposed as part of this Service Specification for Route No. 177.

## **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

Thamesmead	Town Centre		Peckham Bus Station to					
to Peckham E	Bus Station		Thamesmead Town Centre					
First departur	e no later than	0415.	First departure no later than 0500.					
0410 - 0500	Every 15 min	utes	0455 - 0600	0455 - 0600 Every 15 minutes				
0501 - 0600	Every 12 min	utes	0601 - 0700					
0601 - 1900	Every 10 min	utes	0701 - 2005	Every 10 minutes				
1911 - 0015	Every 12 min	utes	2006 - 0110 Every 12 minutes					
Last departur	e no earlier tha	an 0010.	Last departur	e no earlier tha	an 0105.			
Pinchpoints			•					
Greenwich,	0715 - 0915	10 minutes	Plumstead	0720 - 0745	12 minutes			
Nelson	1500 - 1630	10 minutes	Corner	0746 - 0920	10 minutes			
Road				1505 - 1635	10 minutes			

# 3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Thamesmead	Town Centre		Peckham Bus Station to					
to Peckham E	Bus Station		Thamesmead Town Centre					
First departur	e no later than	0415.	First departure no later than 0500.					
0410 - 0600	Every 15 min	utes	0455 - 0700	utes				
0601 - 0800	Every 12 min	utes	0701 - 0800	Every 12 min	utes			
0801 - 1810	Every 10 min	utes	0801 - 1930	Every 10 minutes				
1811 - 0015	Every 12 min	utes	1931 - 0110	Every 12 min	utes			
Last departur	e no earlier tha	an 0010.	Last departure no earlier than 0105.					
Pinchpoints								
Greenwich,	0905 - 1105	10 minutes	Plumstead	0910 - 1110	10 minutes			
Nelson			Corner					
Road								

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

Thamesmead	Town Centre		Peckham Bus	Station to				
to Peckham E	Bus Station		Thamesmead Town Centre					
First departur	e no later than	0415.	First departur	e no later than	0500.			
0410 - 0745	Every 15 min	utes	0455 - 0930	Every 15 minutes				
0746 - 0015	Every 12 min	utes	0931 - 0110 Every 12 minutes					
Last departur	e no earlier tha	an 0010.	Last departure no earlier than 0105.					
<b>Pinchpoints</b>								
Greenwich,	1025 - 1125	12 minutes	Plumstead	1030 - 1130	12 minutes			
Nelson			Corner					
Road								

## 4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. 177 should be best separated from the journeys on Route No. 180 between Plumstead Corner and Greenwich, Nelson Road during all periods.
- 4.2) Route No. 177 can suffer from unpredictable traffic delays in the Woolwich and Greenwich 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 177: Thamesmead, Town Centre - Peckham Bus Station** 

**Date of Structural Change:** 30 May 2015. **Date of Service Change:** 30 May 2015.

Reason for Issue: New Tender.

## STREETS TRAVERSED

Towards Peckham Bus Station: Thamesmere Drive, Thamesmere Drive Roundabout, Central Way, Crossway, Summerton Way Roundabout, Crossway, Boiler House Roundabout, Carlyle Road, Harrow Manor Way, Eynsham Drive, Basildon Road, Bostall Hill, Plumstead High Street, Plumstead Road, Beresford Street, Woolwich High Street, Woolwich Church Street, Woolwich Road, Trafalgar Road, Romney Road, Nelson Road, Greenwich High Road, Deptford Bridge, Deptford Broadway, New Cross Road, Amersham Road, Parkfield Road, Lewisham Way, New Cross Road, Queen's Road, Peckham High Street, Peckham Bus Station.

# <u>Special Journey towards Peckham Bus Station between Plumstead Road and Woolwich</u> Road:

operate from Plumstead Road, then via Woolwich New Road, Ha Ha Road, Repository Road, Hillreach, Little Heath, Charlton Park Road, The Village, Charlton Church Lane, Anchor And Hope Lane rejoining line of route at Woolwich Road.

Towards Thamesmead, Town Centre: Peckham Bus Station, Peckham High Street, Queen's Road, New Cross Road, Deptford Broadway, Deptford Bridge, Greenwich High Road, Greenwich Church Street, College Approach, King William Walk, Romney Road, Trafalgar Road, Woolwich Road, Woolwich Church Street, Woolwich High Street, John Wilson Street, Castile Road, Monk Street, Calderwood Street, Thomas Street, Woolwich New Road, Plumstead Road, Plumstead High Street, Bostall Hill, Basildon Road, Eynsham Drive, Harrow Manor Way, Carlyle Road, Boiler House Roundabout, Crossway, Summerton Way Roundabout, Crossway, Greenhaven Drive Roundabout, Crossway, Central Way, Thamesmere Drive.

# <u>Special Journey towards Thamesmead, Town Centre between Woolwich Road and Castile</u> Road:

operate from Woolwich Road, then via Anchor And Hope Lane, Charlton Church Lane, The Village, Charlton Park Road, Little Heath, Hillreach, Artillery Place, John Wilson Street rejoining line of route at Castile Road.

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

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

## THAMESMEAD TOWN CENTRE, THAMESMERE DRIVE

Public stand for 5 buses in lay-by on west side of Thamesmere Drive opposite Claude Ramsey Library. Overflow stand for 2 buses on south side of Thamesmere Drive turning circle.

Buses proceed from Thamesmere Drive direct to stand, departing via Thamesmere Drive and Turning Circle to Thamesmere Drive. Set down in Thamesmere Drive, at Stop C (37417 - Thamesmead Town Centre and pick up in Thamesmere Drive, at Stop A (BP1582 - Thamesmead Town Centre, First Stop on LOR: BP1582 - Thamesmead Town Centre).

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: No more than 2 buses on Route 177 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: Thamesmead.

OTHER INFORMATION: Toilets available in Safeway store 0800-1700.

## THAMESMEAD, BOILER HOUSE (from PECKHAM BUS STATION)

Buses proceed from Carlyle Road via Boiler House Roundabout departing to Carlyle Road. Set down in Carlyle Road, SK (34918 - Carlyle Road / Bentham Road, Last Stop on LOR: 34918 - Carlyle Road / Bentham Road) and pick up in Carlyle Road, SJ (35406 - Carlyle Road / Crossway, First Stop on LOR: 35406 - Carlyle Road / Crossway).

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: Turning Point Only - Buses must not stand

BLIND DISPLAY: Thamesmead, Boiler House.

## PLUMSTEAD BUS GARAGE

Private stand in Stagecoach's Plumstead Bus Garage.

#### From Peckham Bus Station.

Buses proceed from Plumstead Road via Pettman Crescent and Plumstead Bus Garage to stand, departing via Plumstead Bus Garage, Service Road and Pettman Crescent to Plumstead Road. Set down in Plumstead Road, at Stop A (BP1283 - Plumstead Bus Garage, Last Stop on LOR: BP1283 - Plumstead Bus Garage) and pick up in Plumstead Road, at Stop WM (36510 - Plumstead Road / Plumstead Station #, First Stop on LOR: 36510 - Plumstead Road / Plumstead Station #).

## From Thamesmead, Town Centre.

Buses proceed from Plumstead High Street via Plumstead Road, Pettman Crescent, Service Road and Plumstead Bus Garage Forecourt to stand, departing via Plumstead Bus Garage Forecourt, Service Road and Pettman Crescent to Plumstead Road. Set down in Plumstead High Street, at Stop WK (26621 - Lakedale Road, Last Stop on LOR: 26621 - Lakedale Road) and pick up in Plumstead Road, at Stop C (26625 - Plumstead High Street / Plumstead Stn, First Stop on LOR: 26625 - Plumstead High Street / Plumstead Stn).

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: Plumstead, Bus Garage.

### WOOLWICH, BERESFORD STREET (from Thamesmead, Town Centre)

Public stand for ten buses on south side of Beresford Street and Woolwich High Street in 3 parts:

- 1. For two buses commencing 25 metres south east of Macbean Street extending 31 metres south east.
- 2. For three buses as an overflow stand commencing 4 metres north west of lamp standard 06A0121 extending 36 metres south east.
- 3. For five buses as an overflow stand commencing 4 metres west of lamp standard 16AA1549 extending 61 metres east.

Buses proceed from Beresford Street direct to stand, departing via Beresford Street and Woolwich High Street to John Wilson Street. Set down in Beresford Street, at stop U (3681 - Beresford Square / Woolwich Arsenal Stn [dlr], Last Stop on LOR: 3681 - Beresford Square / Woolwich Arsenal Stn [dlr]) and pick up in John Wilson Street, at stop Y (37259 - John Wilson Street / Powis Street, First Stop on LOR: 37259 - John Wilson Street / Powis Street).

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: Unscheduled curtailments only

MEAL RELIEFS: No meal relief vehicles to stand at any time. FERRY VEHICLES: No ferry vehicles to park on stand at any time.

BLIND DISPLAY: Woolwich.

## WOOLWICH, MONK STREET (from PECKHAM BUS STATION)

Public stand for five buses in Monk Street in three parts:

- 1 For two buses on the west side commencing 52 metres north of Castile Road and extending 25 metres south.
- 2 For two buses on the west side commencing 42 metres north of Calderwood Street extending 25 metres south.
- 3 For one bus on east side commencing 10 metres north of Calderwood Street extending 13.5 metres north.

Buses proceed from John Wilson Street via Castile Road and Monk Street to stand, departing via Monk Street, Bus Turning Circle, Monk Street, Calderwood Street, Thomas Street, Woolwich New Road, Vincent Road and Burrage Road to Plumstead Road. Set down in John Wilson Street, at stop Y (37259 - John Wilson Street / Powis Street, Last Stop on LOR: 37259 - John Wilson Street / Powis Street) and pick up in Plumstead Road, at stop D (BP4397 - Plumstead Road / Woolwich Public Market, First Stop on LOR: BP4397 - Plumstead Road / Woolwich Public Market).

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: Woolwich.

## **CHARLTON, ANCHOR & HOPE LANE**

Public stand for two buses on east side of Anchor & Hope Lane, commencing 89 metres south of and opposite Bugsbys Way extending 20 metres north.

#### From Peckham Bus Station.

Buses proceed from Woolwich Road via Anchor And Hope Lane to stand, departing via Anchor And Hope Lane and Charlton Church Lane to Woolwich Road. Set down in Woolwich Road (18825 - Woolwich Road / Gallions Road, Last Stop on LOR: 18823 - Woolwich Road / Victoria Way) and pick up in Woolwich Road (10439 - Woolwich Road / Gallions Road).

#### From Thamesmead, Town Centre.

Buses proceed from Woolwich Road via Anchor And Hope Lane to stand, departing via Anchor And Hope Lane to Woolwich Road. Set down in Woolwich Road, at Stop F (18828 - Charlton Station # / Woolwich Road, Last Stop on LOR: 18828 - Charlton Station # / Woolwich Road) and pick up in Woolwich Road, at Stop E (26701 - Charlton Station / Woolwich 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: Charlton.

## EAST GREENWICH LIBRARY

Public stand for two buses on north east side of Tunnel Avenue, commencing 2 metres from north west flank wall of the Fire Station and extending 19 metres north west.

## From Peckham Bus Station.

Buses proceed from Woolwich Road via Denham Street and Tunnel Avenue to stand, departing via Tunnel Avenue to Woolwich Road. Set down in Woolwich Road, P (18820 - Marlton Street, Last Stop on LOR: 18820 - Marlton Street) and pick up in Woolwich Road, at Stop D (34401 - East Greenwich Library, First Stop on LOR: 34401 - East Greenwich Library).

## From Thamesmead, Town Centre.

Buses proceed from Woolwich Road via Denham Street and Tunnel Avenue to stand, departing via Tunnel Avenue, Woolwich Road and Horn Lane Roundabout to Woolwich Road. Set down in Woolwich Road, at Stop D (34401 - East Greenwich Library, Last Stop on LOR: 34401 - East Greenwich Library) and pick up in Woolwich Road, at Stop H (26703 - Rainton Road, First Stop on LOR: 26703 - Rainton 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: East Greenwich.

## GREENWICH, CUTTY SARK (from Thamesmead, Town Centre)

Buses proceed from Nelson Road via Greenwich Church Street and College Approach departing to King William Walk. Set down in Nelson Road, at Stop E (40015 - Greenwich Town Centre / Nelson Road, Last Stop on LOR: 40015 - Greenwich Town Centre / Nelson Road) and pick up in King William Walk, at Stop C (29439 - Greenwich Town Centre / Cutty Sark, First Stop on LOR: 29439 - Greenwich Town Centre / Cutty Sark).

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: Turning Point Only - Buses must not stand

BLIND DISPLAY: Greenwich, Cutty Sark.

## GREENWICH, CUTTY SARK (from PECKHAM BUS STATION)

Buses proceed from King William Walk departing to Nelson Road. Set down in King William Walk, at Stop C (29439 - Greenwich Town Centre / Cutty Sark, Last Stop on LOR: 29439 - Greenwich Town Centre / Cutty Sark) and pick up in Nelson Road, at Stop E (40015 - Greenwich Town Centre / Nelson Road, First Stop on LOR: 40015 - Greenwich Town Centre / Nelson Road).

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: Turning Point Only - Buses must not stand

BLIND DISPLAY: Greenwich, Cutty Sark.

## **DEPTFORD BRIDGE (from Thamesmead, Town Centre)**

Buses proceed from Deptford Bridge via Deptford Church Street departing to Deptford Bridge. Set down in Deptford Bridge, at stop T (4627 - Deptford Bridge [dlr], Last Stop on LOR: 4627 - Deptford Bridge [dlr]) and pick up in Deptford Bridge, Y (BP4896 - Deptford Bridge [dlr]).

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: Turning Point Only - Buses must not stand

BLIND DISPLAY: Deptford Bridge.

## NEW CROSS, MARQUIS OF GRANBY (from Thamesmead, Town Centre)

Buses proceed from Lewisham Way departing to New Cross Road. Set down in Lewisham Way, at stop X (26416 - Marquis Of Granby / Goldsmiths, Last Stop on LOR: 26416 - Marquis Of Granby / Goldsmiths) and pick up in New Cross Road, at stop T (4631 - Marquis Of Granby, First Stop on LOR: 4631 - Marquis Of Granby).

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: Turning Point Only - Buses must not stand

BLIND DISPLAY: New Cross.

## NEW CROSS GATE, SAINSBURY'S (from Thamesmead, Town Centre)

Private stand for three buses in the north-western corner of the Sainsbury's car park. Buses proceed from New Cross Road via Sainsburys Access Road to stand, departing via Sainsburys Access Road to New Cross Road. Set down in New Cross Road, at stop O (26343 - New Cross Gate Station #, Last Stop on LOR: 26343 - New Cross Gate Station #) and pick up in New Cross Road, at stop R (BP1237 - New Cross Gate Station #, First Stop on LOR: BP1237 - New Cross Gate 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: New Cross Gate.

## PECKHAM BUS STATION

Private stand for up to 12 buses in Peckham Bus Station. Buses to stand abreast in 2 portions - 4 buses to stand facing east and 8 buses to stand facing south.

All buses must be fitted with an audible-reversing device.

Buses proceed from Peckham Bus Station direct to stand, departing to Peckham Bus Station. Set down in Peckham Bus Station, at Alighting Point (BP1344 - Peckham Bus Station, Last Stop on LOR: BP1344 - Peckham Bus Station) and pick up in Peckham Bus Station, at Stop H (37419 - Peckham Bus Station, First Stop on LOR: 37419 - Peckham Bus Station).

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: No more than 2 buses on Route 177 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.

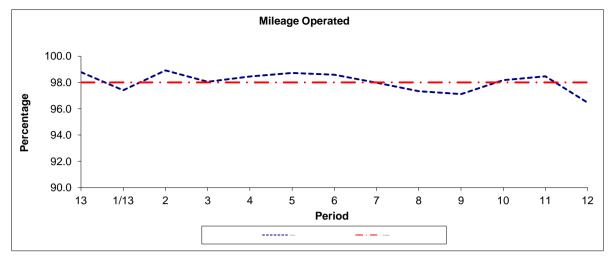
BLIND DISPLAY: Peckham.

OTHER INFORMATION: Toilets available in station 24 hours a day for drivers

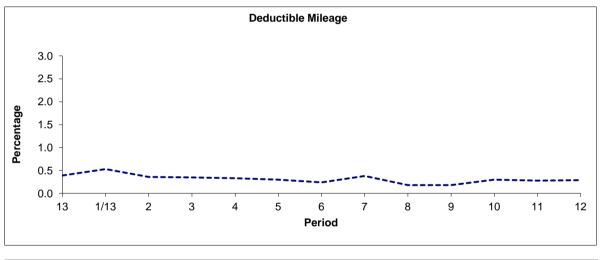
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### **PART B - PERFORMANCE STATISTICS**

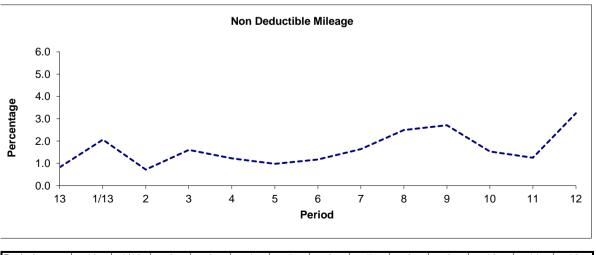
## Route 177



Period	13	1/13	2	3	4	5	6	7	8	9	10	11	12
2012/2013	98.78	97.41	98.92	98.05	98.45	98.72	98.59	97.98	97.33	97.11	98.17	98.47	96.46
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	0.39	0.53	0.36	0.35	0.33	0.30	0.24	0.38	0.18	0.18	0.30	0.28	0.29

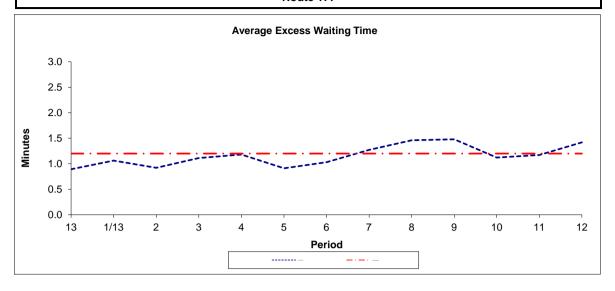


Period	13	1/13	2	3	4	5	6	7	8	9	10	11	12
2012/2013	0.83	2.06	0.72	1.60	1.22	0.98	1.17	1.64	2.49	2.71	1.53	1.25	3.25

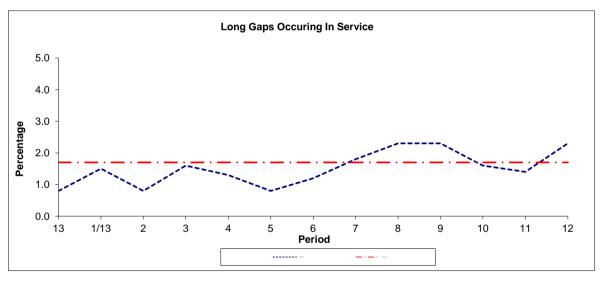
Note: Mileage is based on 4 weeks data

## PART B - PERFORMANCE STATISTICS

#### Route 177



Period	13	1/13	2	3	4	5	6	7	8	9	10	11	12
2012-2013	0.89	1.06	0.92	1.11	1.18	0.91	1.03	1.27	1.46	1.48	1.12	1.17	1.42
Min Standard	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20



Period	13	1/13	2	3	4	5	6	7	8	9	10	11	12
2012-2013	0.8	1.5	0.8	1.6	1.3	0.8	1.2	1.8	2.3	2.3	1.6	1.4	2.3
Benchmark	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7

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

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

# ROUTE 177 - 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 (%)		Excess Waiting Time (EWT) (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	46,938.	97.4	6.39	0.36	6.75	78.3	21.0	0.6	0.0	0.2	55
0700 - 1000	93,403.	97.2	5.20	1.03	6.23	81.5	16.9	1.3	0.2	1.3	66
1000 - 1300	97,102.	98.8	5.02	0.82	5.84	85.0	14.3	0.7	0.1	0.7	73
1300 - 1600	98,819.	97.1	4.97	1.12	6.09	81.9	16.7	1.2	0.2	1.4	64
1600 - 1900	97,664.	96.8	4.97	1.63	6.61	78.3	19.1	2.2	0.4	2.7	70
1900 - 2200	87,253.	99.9	5.43	1.05	6.48	78.6	19.8	1.5	0.2	1.4	61
2200 - 2400	53,275.	100.6	5.99	0.84	6.84	76.6	21.8	1.5	0.1	0.6	46
Summary	574,454.	98.1	5.16	1.14	6.30	80.7	17.6	1.4	0.2	1.5	73

#### SATURDAY

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (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	8,645.	97.4	7.23	0.50	7.74	69.1	29.6	1.3	0.1	0.1	40
0700 - 1000	18,184.	98.0	5.67	0.50	6.17	82.4	17.2	0.4	0.0	0.2	35
1000 - 1300	20,176.	98.9	5.10	0.68	5.78	85.3	14.2	0.5	0.0	0.4	29
1300 - 1600	20,592.	98.2	5.00	1.06	6.06	82.6	16.0	1.1	0.2	1.4	49
1600 - 1900	20,527.	97.9	5.01	1.01	6.02	83.4	15.4	1.1	0.2	1.3	52
1900 - 2200	17,777.	98.9	5.53	1.42	6.95	74.5	22.4	2.5	0.5	2.2	50
2200 - 2400	11,190.	99.2	6.00	1.26	7.26	72.8	24.5	2.4	0.3	1.1	44
Summary	117,091.	98.4	5.27	0.93	6.20	81.6	17.1	1.1	0.2	1.0	52

#### **SUNDAY AND BANK HOLIDAYS**

Time Period	Expected Buses	On AVL (%)		Excess Waiting Time (EWT) (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	9,233.	98.2	7.49	0.37	7.86	66.5	32.5	0.9	0.1	0.1	36
0700 - 1000	16,019.	98.7	6.94	0.65	7.59	69.9	28.3	1.7	0.1	0.2	42
1000 - 1300	18,691.	98.1	6.05	0.81	6.86	76.2	22.4	1.2	0.3	0.7	57
1300 - 1600	18,746.	97.9	5.97	1.22	7.19	73.6	23.6	2.2	0.6	1.3	80
1600 - 1900	19,075.	98.6	5.99	0.89	6.88	75.4	23.2	1.3	0.1	0.5	52
1900 - 2200	18,617.	101.2	5.98	0.82	6.79	76.4	22.1	1.3	0.1	0.6	50
2200 - 2400	12,280.	99.9	6.00	0.65	6.65	78.0	20.7	1.1	0.2	0.5	43
Summary	112,661.	98.9	6.11	0.89	7.01	74.8	23.5	1.5	0.3	0.7	80

#### ALL DAYS

Time Period	Expected Buses	On AVL (%)		Excess Waiting Time (EWT) (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	64,816.	97.5	6.55	0.38	6.93	76.6	22.7	0.7	0.1	0.2	55
0700 - 1000	127,606.	97.5	5.32	0.97	6.29	81.0	17.5	1.2	0.2	1.2	66
1000 - 1300	135,969.	98.7	5.15	0.80	5.95	84.1	15.2	0.7	0.1	0.7	73
1300 - 1600	138,157.	97.4	5.08	1.12	6.20	81.2	17.3	1.3	0.2	1.4	80
1600 - 1900	137,266.	97.2	5.07	1.50	6.57	78.6	19.1	2.0	0.4	2.3	70
1900 - 2200	123,647.	99.9	5.50	1.07	6.58	77.8	20.4	1.6	0.2	1.4	61
2200 - 2400	76,745.	100.3	5.99	0.87	6.86	76.3	22.0	1.5	0.2	0.6	46
Summary	804,206.	98.3	5.27	1.09	6.35	80.3	18.1	1.4	0.2	1.4	80

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

 Route
 177

 Service change
 25974

 Date
 24/09/2010

QSI Points are highlighted.

actions are inglingmed.							
OUT DIRECTION Timing Point Stop							
Code	Number	Stop Name	Metres	Miles			
THMDTC	BP1582	Thamesmead Leisure Centre	0	0.00			
	36669	Linton Mead Primary School	310	0.19			
	36673	Hoveton Road	373	0.23			
	36674	Nickelby Close	227	0.14			
	36675	Eastgate Close	539	0.33			
	36677	Lister Walk	343	0.21			
THMDBH	36678	Poplar Place	351	0.22			
THIVIDBH	35406 34812	Carlyle Road / Crossway  Newacres Library	378 782	0.23			
	34583	Eynsham Drive / Harrow Manor Way	347	0.49			
	34581	Peterstone Road	297	0.18			
	29368	Chalcombe Road	260	0.16			
EYDRSH	29366	Felixstowe Road	204	0.13			
	29364	Eynsham Drive / Blithdale Road	450	0.28			
	26609	Cassilda Road	330	0.21			
	9170	Basildon Road / Bostall Hill	186	0.12			
PLUMCR	26615	Plumstead Corner / Rockmount Road	453	0.28			
	26617	Plumstead High St / Police Station	340	0.21			
	26619	Bannockburn Road	220	0.14			
	26621	Lakedale Road	204	0.13			
PLUMSN	36510	Plumstead Road / Plumstead Station	553	0.34			
	34579	Greenwich Community College	246	0.15			
	8931	Maxey Road	229	0.14			
WOOLPR	BP4397	Plumstead Road / Woolwich Public Market	404	0.25			
	3681 26687	Beresford Square / Woolwich Arsenal Stn Woolwich Ferry	171	0.11 0.34			
	26693	Kingsman Street	551 507	0.34			
	18834	Prospect Vale	302	0.19			
	18832	Warspite Road	341	0.21			
	29687	Holborn College	337	0.21			
	14452	Thames Barrier	131	0.08			
	34292	Woolwich Road / Charlton Lane	229	0.14			
	BP2409	Stone Lake Retail Park	156	0.10			
CHARAH	18828	Charlton Station / Woolwich Road	272	0.17			
	10439	Woolwich Road / Gallions Road	325	0.20			
	29161	Woolwich Road / Victoria Way	132	0.08			
	18822	Rainton Road	254	0.16			
	34401	East Greenwich Library	463	0.29			
	18821 19620	Marlton Street Calvert Road	235 148	0.15 0.09			
EGRNVH	20627	Vanbrugh Hill	147	0.09			
LOIMIT	13829	Tyler Street	248	0.15			
	13827	Trafalgar Road / Maze Hill	425	0.26			
	13825	Trafalgar Estate	214	0.13			
	26707	National Maritime Museum	322	0.20			
GNCHNR	40015	Greenwich Town Centre / Nelson Road	162	0.10			
	13823	Greenwich High Road / Royal Hill	233	0.14			
	13819	Greenwich Station	316	0.20			
	13815	Millers House	422	0.26			
	26712	Greenwich High Road / Blackheath Road	163	0.10			
DEPTDB	4627	Deptford Bridge	197	0.12			
	485	Florence Road	384	0.24			
	13714	New Cross Station	191	0.12			
	26416 26343	Marquis Of Granby / Goldsmiths  New Cross Gate Station	387	0.24 0.20			
NX GR	24648	New Cross Bus Garage	323 418	0.26			
TIA OIL	1972	New Cross Fire Station	242	0.20			
	1971	Pomeroy Street	264	0.16			
	26734	Queen's Road Peckham Station	434	0.27			
	1967	Carlton Grove	280	0.17			
PECKBS	BP1344	Peckham Bus Station	375	0.23			

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

 Route
 177

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 25974

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QSI Points are highlighted.

		BACK DIRECTION		
Timing Point Code	Stop Number	Stop Name	Metres	Miles
PECKBS**	37419	Peckham Bus Station	0	0.00
LONDO	1965	Peckham Post Office	162	0.10
PECKCG**	1966	Carlton Grove	288	0.18
a LONGO	26733	Queen's Road Peckham Station	420	0.16
	1970	Pomeroy Street	220	0.14
	BP5550	New Cross Fire Station	366	0.14
NX GR	33101	New Cross Bus Garage	254	0.16
TOTO OT	BP1237	New Cross Gate Station	411	0.26
	4631	Marquis Of Granby	326	0.20
	13715	New Cross Station	234	0.15
	486	Deptford High Street	307	0.19
DEPTDB	BP4896	Deptford Bridge	342	0.21
52. 155	26711	Greenwich High Road / Blackheath Road	175	0.11
	26710	Millers House	201	0.12
	BP2456	Greenwich Station	405	0.25
	26709	Greenwich High Road / Roan Street	283	0.18
	29439	Greenwich Town Centre / Cutty Sark	428	0.18
GNCHNM	8624	National Maritime Museum	163	0.10
CATOLITAIN	13824	Trafalgar Estate	405	0.10
	13826	Trafalgar Road / Maze Hill	257	0.25
	13828	King William Lane	177	0.10
	13830	Tyler Street	193	0.11
EGRNVH	34293	Vanbrugh Hill	179	0.12
LORIVII	18820	Marlton Street	357	0.11
	34284	East Greenwich Library	187	0.22
	34284 26703			
		Rainton Road	394	0.24
	18823	Woolwich Road / Victoria Way	308	0.19
	18825	Woolwich Road / Gallions Road	315	0.20
CHARAH	26701	Charlton Station / Woolwich Road	215	0.13
	BP2408	Stone Lake Retail Park	330	0.21
	26699	Woolwich Road / Charlton Lane	159	0.10
	29851	Holborn College	226	0.14
	37977	Warspite Road	498	0.31
	R0563	Frances Street	444	0.28
	26692	Kingsman Street	179	0.11
	35487	Woolwich Ferry	203	0.13
	37259	John Wilson Street / Powis Street	313	0.19
	37149	Thomas Street / Greens End	610	0.38
WOOLAS	BP5480	Woolwich Arsenal Station	214	0.13
	BP5540	Plumstead Road / Woolwich Public Market	308	0.19
	R0385	Maxey Road	442	0.27
PD GRP	BP1283	Plumstead Bus Garage	272	0.17
PLUMSN	26625	Plumstead High Street / Plumstead Stn	374	0.23
	1817	Lakedale Road	413	0.26
	26618	Plumstead High Street / Police Station	311	0.19
	9167	Purrett Road	242	0.15
PLUMCR	26613	Plumstead Corner / Church Manorway	180	0.11
	26610	Basildon Road / Bostall Hill	455	0.28
	26608	Cassilda Road	190	0.12
	29363	Eynsham Drive / Blithdale Road	325	0.20
EYDRSH	29365	Felixstowe Road	505	0.31
	29367	Peterstone Road	363	0.23
	34582	Boxgrove Road	158	0.10
	34584	Eynsham Drive / Harrow Manor Way	230	0.14
	34813	Newacres Library	243	0.15
THMDBH	34918	Carlyle Road / Bentham Road	718	0.45
	36531	Poplar Place	332	0.40
	36530	Curlew Close	301	0.19
	37181	Lister Walk	133	0.19
	36676	Manordene Road	439	0.08
	36522	Nickelby Close	416	0.26
	36529	Hoveton Road	285	0.18
	36670	Linton Mead Primary School	353	0.22
THMDTC	37417	Thamesmead Town Centre	386	0.24

TOTAL ROUTE MILEAGE - BACK DIRECTION	19522	12.13
	metres	miles

<sup>\*\*</sup> The QSI point at Peckham Carlton Grove may be replaced by one at Peckham Bus Station at a future date.