

7. Service Specification

Route: 168

Contract Reference: QC49201

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	Hampstead Heath, South End Green and Old Kent Road, Tesco
Contract Basis	Incentivised
Commencement Date	26 th September 2015
Vehicle Type	87 capacity, dual door, double deck buses
Current Maximum Approved Dimensions	10.1 metres long and 2.55 metres wide
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 Standard	No less than 98.00%

The Date of Tender for this ITT is:

No later than 12 Noon on Monday 27th October 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. 168.

Tenderers should note that there are no changes proposed as part of this Service Specification for Route No. 168.

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.

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 1st October 2013.

Cash Free Boarding was 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

Hampstead Heath, South End Green to Old Kent Road, Tesco			Old Kent Road, Tesco to Hampstead Heath, South End Green		
First departure no later than 0500.			First departure no later than 0545.		
0455 - 0600	Every 12 minutes		0540 - 0610	Every 12 minutes	
0601 - 0630	Every 10 minutes		0611 - 0630	Every 10 minutes	
0631 - 0655	Every 8 minutes		0631 - 0655	Every 8 minutes	
0656 - 1900	Every 6-7 minutes (9 buses per hour)		0656 - 1900	Every 6-7 minutes (9 buses per hour)	
1901 - 1940	Every 8 minutes		1901 - 1940	Every 8 minutes	
1941 - 0005	Every 10 minutes		1941 - 0030	Every 10 minutes	
Last departure no earlier than 2400.			Last departure no earlier than 0025.		
Pinchpoints					
Waterloo Station, Waterloo Road	0725 - 0915	7 minutes	Euston Station, Eversholt Street	0720 - 0900	7 minutes
	1500 - 1640	7 minutes		1500 - 1640	7 minutes

3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Hampstead Heath, South End Green to Old Kent Road, Tesco			Old Kent Road, Tesco to Hampstead Heath, South End Green		
First departure no later than 0500.			First departure no later than 0545.		
0455 - 0825	Every 12 minutes		0540 - 0830	Every 12 minutes	
0826 - 0920	Every 8 minutes		0831 - 0940	Every 8 minutes	
0921 - 1800	Every 6-7 minutes (9 buses per hour)		0941 - 1805	Every 6-7 minutes (9 buses per hour)	
1801 - 1900	Every 8 minutes		1806 - 1910	Every 8 minutes	
1901 - 0005	Every 10 minutes		1911 - 0030	Every 10 minutes	
Last departure no earlier than 2400.			Last departure no earlier than 0025.		
Pinchpoints					
Waterloo Station, Waterloo Road	1000 - 1200	7 minutes	Euston Station, Eversholt Street	1010 - 1205	7 minutes

3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued

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

Hampstead Heath, South End Green to Old Kent Road, Tesco		Old Kent Road, Tesco to Hampstead Heath, South End Green			
First departure no later than 0500.		First departure no later than 0545.			
0455 - 0655	Every 15 minutes	0540 - 0730	Every 15 minutes		
0656 - 0910	Every 12 minutes	0731 - 0930	Every 12 minutes		
0911 - 0005	Every 10 minutes	0931 - 0030	Every 10 minutes		
Last departure no earlier than 2400.		Last departure no earlier than 0025.			
Pinchpoints					
Waterloo Station, Waterloo Road	1105 - 1205	10 minutes	Euston Station, Eversholt Street	1100 - 1200	10 minutes

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

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. 168 should interwork with Route No. 68 between Euston Station and Elephant & Castle, London Road during Mondays to Fridays peak hours and be separated during all other periods.
- 4.2) Route No. 168 can suffer from unpredictable traffic delays in the Camden, Holborn, Waterloo and the Elephant and Castle areas especially during the Mondays to Saturdays daytimes.
- 4.3) Crossrail will connect the City, Canary Wharf, the West End and Heathrow Airport to commuter areas east and west of the capital. Major construction of the railway began in 2010, with services expected to commence in 2018. The construction impacts of Crossrail could affect Route No. 168 and it is anticipated that some passenger demand for Route No. 168 may shift to this line when it opens. Route No. 168 will be reviewed closer to the opening date.

**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 168: Hampstead Heath, South End Green - Old Kent Road, Tesco

Date of Structural Change: 26 September 2015.

Date of Service Change: 26 September 2015.

Reason for Issue: New Tender.

STREETS TRAVERSED

Towards Old Kent Road, Tesco: Pond Street, Rosslyn Hill, Haverstock Hill, Chalk Farm Road, Castlehaven Road, Hawley Road, Camden Street, Camden Road, Bayham Street, Crowndale Road, Eversholt Street, Euston Square, Upper Woburn Place, Tavistock Square, Woburn Place, Russell Square (East Side), Southampton Row, Kingsway, Aldwych, Strand, Lancaster Place, Waterloo Bridge, Waterloo Road, St George's Circus, London Road, Elephant And Castle, New Kent Road, Bricklayer's Arms Roundabout, Old Kent Road.

Towards Hampstead Heath, South End Green: Old Kent Road, Bricklayer's Arms, New Kent Road, Elephant And Castle, London Road, St George's Circus, Contra-Flow Bus Lane, Waterloo Road, Tenison Way Bus Station, Tenison Way, Waterloo Road, Waterloo Bridge, Lancaster Place, Aldwych, Kingsway, Southampton Row, Russell Square, Woburn Place, Tavistock Square, Upper Woburn Place, Euston Square, Eversholt Street, Camden High Street, Chalk Farm Road, Haverstock Hill, Rosslyn Hill, Pond Street, South End 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.

HAMPSTEAD HEATH, SOUTH END GREEN [WEST]

Public stand for two buses on east side of South End Road, commencing 2 metres north of junction with Pond Street and extending 20 metres north.

Buses proceed from South End Road via South End Green to stand, departing via South End Green to Pond Street. Set down in South End Road (37391 - South End Green, Last Stop on LOR: 37391 - South End Green) and pick up in Pond Street, at Stop D (29927 - Royal Free Hospital, First Stop on LOR: 29927 - Royal Free Hospital).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 168 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:	Hampstead Heath.
OTHER INFORMATION:	Council toilet facilities available 0700-1730 throughout the week.

CHALK FARM, MORRISONS, PETROL STATION (from OLD KENT ROAD, TESCO)

Public stand for two buses in slip road, commencing 30 metres south west of Chalk Farm Road and 55 metres north west of junction with Morrisons superstore access road opposite petrol station entrance, extending for 25 metres south east, at bus stop BP1806 point CH. Buses proceed from Chalk Farm Road via Morrisons Access Road to stand, departing via Morrisons Access Road to Chalk Farm Road. Set down in Chalk Farm Road, at Stop CQ (33533 - Hartland Road / Camden Market, Last Stop on LOR: 33533 - Hartland Road / Camden Market) and pick up in Chalk Farm Road, at Stop CE (11994 - Chalk Farm Road / Morrisons, First Stop on LOR: 11994 - Chalk Farm Road / Morrisons).

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:	Chalk Farm.
OTHER INFORMATION:	Hesitation point only.

CAMDEN TOWN, CAMDEN GARDENS (from OLD KENT ROAD, TESCO)

Buses proceed from Camden High Street via Camden Road, Kentish Town Road, Camden Gardens and Camden Street departing to Camden Road. Set down in Camden High Street, at Stop X (325 - Camden Town Station <>, Last Stop on LOR: 325 - Camden Town Station <>) and pick up in Camden Road, at Stop R (3517 - Camden Town Station<> / Camden Street, First Stop on LOR: 3517 - Camden Town Station<> / Camden Street).

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

EUSTON BUS STATION, SOUTH STAND (from OLD KENT ROAD, TESCO)

Private stand for three buses on south side of centre lane in Euston Bus Station. Buses proceed from Euston Square via Euston Bus Station to stand, departing via Euston Bus Station and Euston Square to Upper Woburn Place. Set down in Euston Bus Station, at Alighting Point (BP4522 - Euston Bus Station # <>, Last Stop on LOR: R0739 - Upper Woburn Place / Euston Road) and pick up in Upper Woburn Place, at Stop M (750 - Upper Woburn Place, First Stop on LOR: 750 - Upper Woburn Place).

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: Euston.

RUSSELL SQUARE, SOUTH SIDE

Public stand for one bus on south side of Russell Square, commencing 8 metres west of the western kerbline of Bedford Place and extending 12 metres west, at bus stop BP1388 Point D.

From Hampstead Heath, South End Green.

Buses proceed from Woburn Place via Russell Square (East Side) to stand, departing via Russell Square (South And West And North Sides) to Woburn Place. Set down in Woburn Place, at Stop J (8438 - Russell Square <>, Last Stop on LOR: 8438 - Russell Square <>) and pick up in Woburn Place, at Stop H (BP2166 - Tavistock Square, First Stop on LOR: 29055 - Tavistock Square).

From Old Kent Road, Tesco.

Buses proceed from Southampton Row via Russell Square (south side) to stand, departing via Russell Square (South & West & North) to Southampton Row. Set down in Russell Square, at Stop C (8436 - Russell Square, Last Stop on LOR: 477 - Southampton Row / Theobald's Road) and pick up in Southampton Row, at Stop B (8437 - Southampton Row, First Stop on LOR: 29927 - Royal Free Hospital).

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:	Russell Square.

HOLBORN STATION

From Hampstead Heath, South End Green.

Buses proceed from Southampton Row via High Holborn, New Oxford Street, Bloomsbury Way and Vernon Place departing to Southampton Row. Set down in Southampton Row, at Stop A (25599 - Theobald's Road, Last Stop on LOR: 25599 - Theobald's Road) and pick up in Southampton Row, at Stop Y (477 - Southampton Row / Theobald's Road, First Stop on LOR: 477 - Southampton Row / Theobald's Road).

From Old Kent Road, Tesco.

Buses proceed from Kingsway via High Holborn, New Oxford Street, Bloomsbury Way, Vernon Place and Southampton Row departing to Kingsway. Set down in Kingsway, at Stop N (20908 - Holborn Station <>, Last Stop on LOR: 20908 - Holborn Station <>) and pick up in Kingsway, at Stop M (26425 - Kingsway / Holborn Station <>, First Stop on LOR: 26425 - Kingsway / Holborn Station <>).

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

ALDWYCH (from Hampstead Heath, South End Green)

Buses proceed from Aldwych via Strand departing to Aldwych. Set down in Aldwych, at Stop K (29984 - Aldwych / The Royal Courts Of Justice, Last Stop on LOR: 29984 - Aldwych / The Royal Courts Of Justice) and pick up in Kingsway, at Stop F (36599 - Aldwych / Kingsway, First Stop on LOR: 36599 - Aldwych / Kingsway).

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

WATERLOO STATION (from Hampstead Heath, South End Green)

Buses proceed from Waterloo Bridge via Waterloo Road, Tenison Way and Waterloo Road departing to Waterloo Bridge. Set down in Waterloo Bridge, at Stop N (1835 - Waterloo Bridge / South Bank, Last Stop on LOR: 1835 - Waterloo Bridge / South Bank) and pick up in Waterloo Bridge, at Stop P (25893 - Waterloo Bridge / South Bank, First Stop on LOR: 25893 - Waterloo Bridge / South Bank).

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

ELEPHANT & CASTLE, SOUTHWARK BRIDGE ROAD (from Hampstead Heath, South End Green)

Public stand in two portions:

- 1 - For five buses on the west side of Southwark Bridge Road, commencing 10 metres north of the centre of Keyworth Street and extending 54 metres north.
- 2 - Overflow stand for two buses on the south side (offside) of Gaunt Street extending 20 metres. Stand flag BP3514.

Buses proceed from London Road via Elephant And Castle, Newington Causeway and Southwark Bridge Road to stand, departing via Southwark Bridge Road, Gaunt Street, Newington Causeway and Elephant And Castle to London Road. Set down in London Road, at Stop E (26212 - Elephant & Castle / London Road, Last Stop on LOR: 26212 - Elephant & Castle / London Road) and pick up in London Road, at Stop A (BP3718 - Elephant & Castle / London Road, First Stop on LOR: BP3718 - Elephant & Castle / London 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: Elephant & Castle.

BRICKLAYERS ARMS (from Hampstead Heath, South End Green)

Buses proceed from New Kent Road via Bricklayer's Arms Roundabout and Bricklayer's Arms departing to New Kent Road. Set down in New Kent Road, at Stop BB (26746 - Bricklayer's Arms / New Kent Road, Last Stop on LOR: 26746 - Bricklayer's Arms / New Kent Road) and pick up in New Kent Road, at Stop BS (34288 - Bricklayer's Arms / New Kent Road, First Stop on LOR: 34288 - Bricklayer's Arms / New Kent Road).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: **Turning Point Only - Buses must not stand**
BLIND DISPLAY: Bricklayer's Arms.

OLD KENT ROAD, TESCO

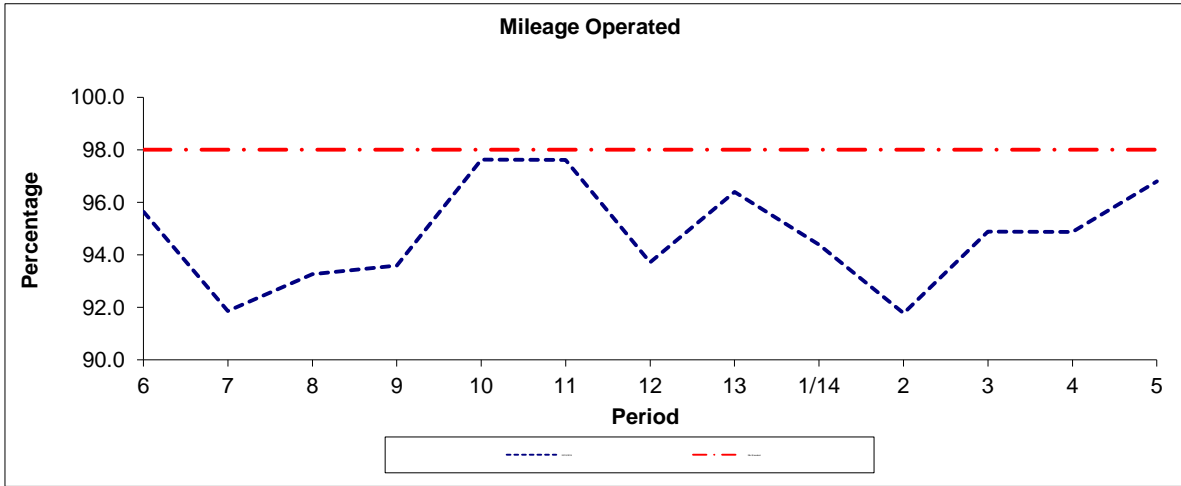
Public stand for two buses on the north-west side of Humphry Street outside Tesco commencing 45.5m north-east of Old Kent Road. The stand is in two sections, each stand is 13m with a 0.5m space between the two stands.

Buses proceed from Old Kent Road via Humphrey Street to stand, departing via Humphrey Street, Turning Circle and Humphrey Street to Old Kent Road. Set down in Old Kent Road, at Stop EC (BP128 - Dunton Road, Last Stop on LOR: BP128 - Dunton Road) and pick up in Old Kent Road, at Stop WN (23105 - Dunton Road, First Stop on LOR: 2554 - Old Kent Road / East Street).

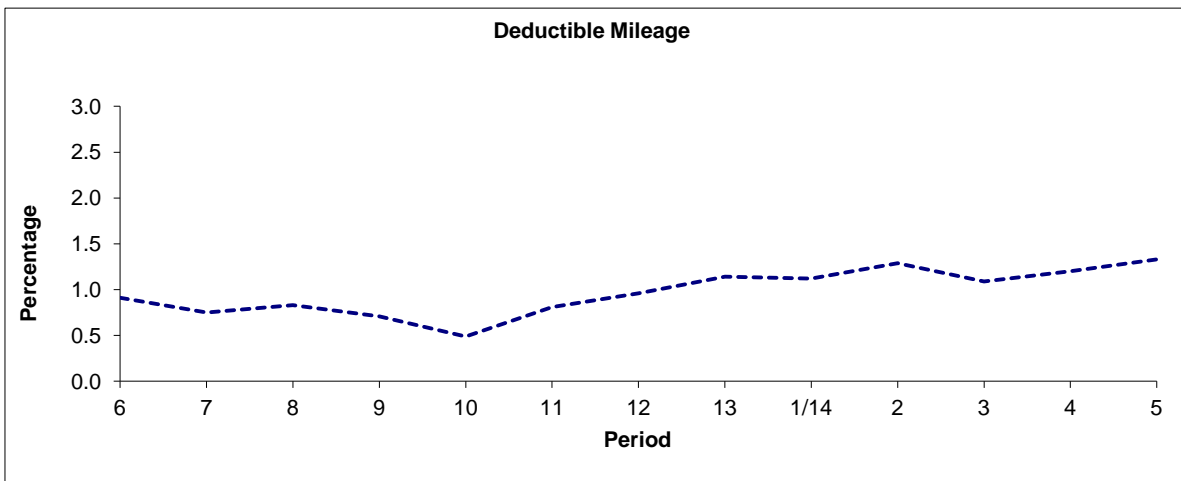
AVAILABILITY: At any time.
OPERATING RESTRICTIONS: No more than 2 buses on Route 168 should be scheduled to stand at any one time.
MEAL RELIEFS: No meal relief vehicles to stand at any time.
FERRY VEHICLES: No ferry vehicles to park on stand at any time.
BLIND DISPLAY: Old Kent Road, Tesco.
OTHER INFORMATION: No toilet facilities available.

PART B - PERFORMANCE STATISTICS

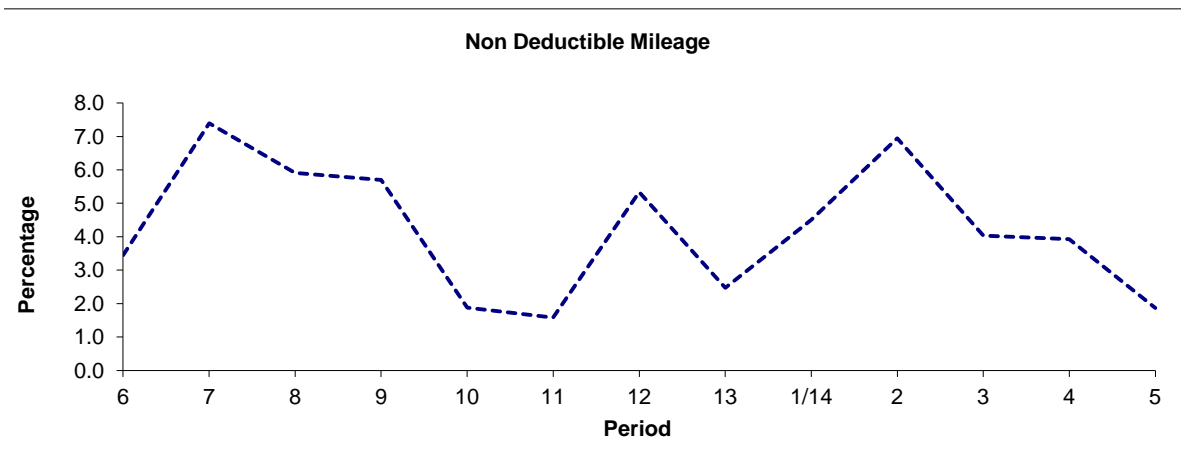
Route 168



Period	6	7	8	9	10	11	12	13	1/14	2	3	4	5
2013/2014	95.64	91.86	93.26	93.59	97.63	97.61	93.71	96.39	94.38	91.77	94.88	94.87	96.80
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	1/14	2	3	4	5
2013/2014	0.91	0.75	0.83	0.71	0.49	0.81	0.96	1.14	1.12	1.29	1.09	1.20	1.33

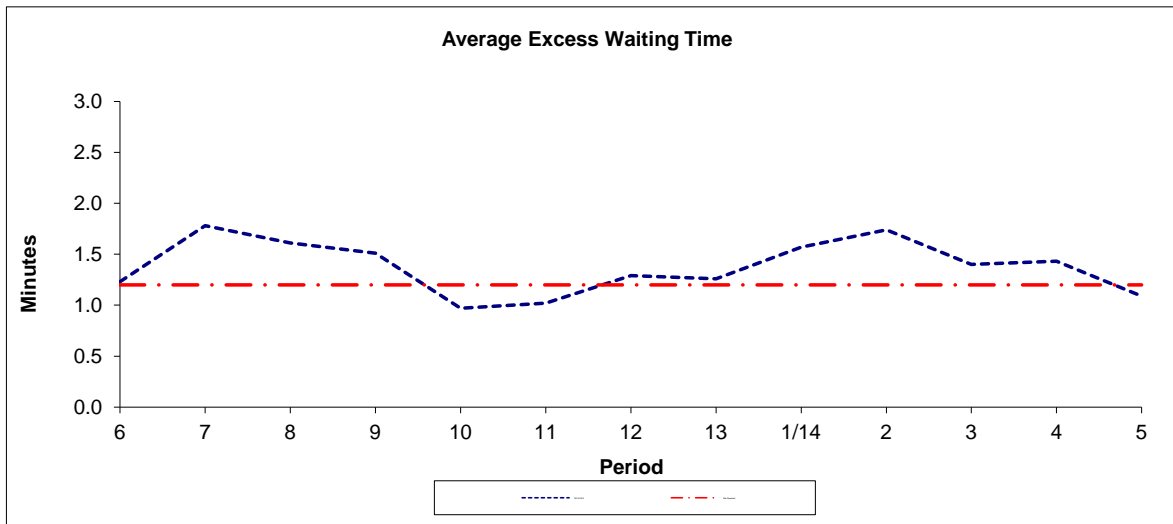


Period	6	7	8	9	10	11	12	13	1/14	2	3	4	5
2013/2014	3.45	7.39	5.91	5.70	1.88	1.58	5.33	2.47	4.50	6.94	4.03	3.93	1.87

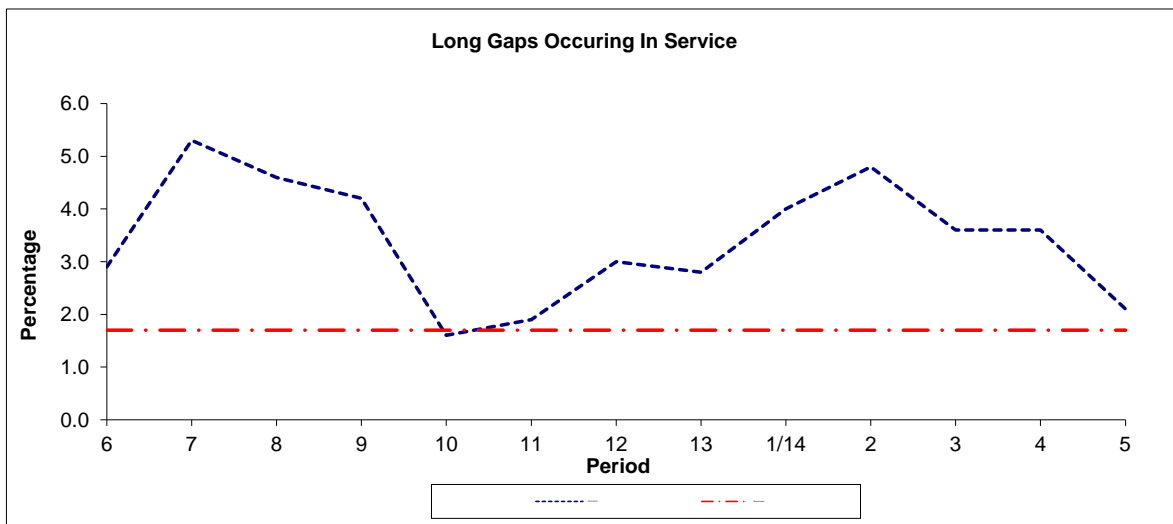
Note : Mileage is based on 4 weeks data

PART B - PERFORMANCE STATISTICS

Route 168



Period	6	7	8	9	10	11	12	13	1/14	2	3	4	5
2013-2014	1.23	1.78	1.61	1.51	0.97	1.02	1.29	1.26	1.57	1.74	1.40	1.43	1.09
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	6	7	8	9	10	11	12	13	1/14	2	3	4	5
2013-2014	2.9	5.3	4.6	4.2	1.6	1.9	3.0	2.8	4.0	4.8	3.6	3.6	2.1
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 168 - FULL iBUS RESULTS BY TIME OF DAY
QUARTER 2 13/14 TO QUARTER 1 14/15 (22/06/13 - 20/06/14)**

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	37,531.	94.0	5.35	0.67	6.02	85.9	13.7	0.4	0.0	0.3	40
0700 - 1000	124,968.	95.7	3.35	0.99	4.35	93.4	6.3	0.2	0.1	1.9	53
1000 - 1300	123,624.	92.6	3.33	1.50	4.83	89.0	10.3	0.6	0.1	4.2	45
1300 - 1600	123,925.	90.4	3.31	1.70	5.01	87.5	11.5	0.9	0.1	5.4	59
1600 - 1900	121,798.	92.1	3.35	1.75	5.11	87.2	11.8	0.9	0.1	5.3	66
1900 - 2200	99,299.	97.0	4.09	1.26	5.35	86.3	12.7	0.8	0.2	2.7	50
2200 - 2400	55,068.	99.8	5.00	0.94	5.94	84.4	14.7	0.8	0.1	0.9	69
Summary	686,213.	94.0	3.56	1.42	4.98	88.6	10.6	0.7	0.1	3.8	69

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	6,842.	97.9	6.00	0.49	6.49	80.5	18.8	0.7	0.0	0.4	34
0700 - 1000	19,634.	97.4	4.41	0.88	5.29	88.2	11.6	0.3	0.0	0.6	35
1000 - 1300	25,923.	96.0	3.37	1.07	4.44	92.6	7.1	0.2	0.0	2.1	34
1300 - 1600	25,191.	91.8	3.35	1.67	5.02	87.5	11.8	0.6	0.1	5.0	38
1600 - 1900	23,985.	91.6	3.43	1.86	5.29	85.7	13.1	1.1	0.0	5.7	47
1900 - 2200	18,594.	96.1	4.44	1.63	6.07	81.4	16.6	1.7	0.3	3.4	66
2200 - 2400	11,136.	95.6	5.00	1.55	6.55	78.8	18.9	2.0	0.3	2.3	54
Summary	131,305.	94.7	3.78	1.43	5.21	87.1	12.0	0.8	0.1	3.5	66

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	6,014.	96.5	7.42	0.61	8.04	68.3	30.0	1.5	0.2	0.6	47
0700 - 1000	17,714.	97.0	5.43	0.80	6.23	82.3	17.0	0.6	0.0	0.3	37
1000 - 1300	19,325.	98.2	4.98	0.85	5.83	84.4	14.9	0.7	0.0	0.7	66
1300 - 1600	19,097.	96.1	4.97	1.29	6.26	80.5	17.8	1.5	0.2	1.7	54
1600 - 1900	19,079.	95.4	4.96	1.46	6.42	79.5	18.5	1.7	0.3	2.1	54
1900 - 2200	19,394.	96.3	4.95	1.57	6.53	78.9	18.8	2.0	0.3	2.4	60
2200 - 2400	12,804.	100.4	5.00	0.66	5.66	87.4	12.2	0.3	0.1	0.4	82
Summary	113,427.	97.0	5.06	1.18	6.24	81.3	17.3	1.3	0.2	1.5	82

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	50,387.	94.8	5.54	0.65	6.19	84.3	15.2	0.5	0.0	0.3	47
0700 - 1000	162,316.	96.1	3.54	0.97	4.52	92.4	7.2	0.3	0.1	1.7	53
1000 - 1300	168,872.	93.8	3.52	1.36	4.88	89.1	10.3	0.5	0.1	3.5	66
1300 - 1600	168,213.	91.2	3.48	1.66	5.14	86.8	12.2	0.9	0.1	4.9	59
1600 - 1900	164,862.	92.4	3.51	1.74	5.25	86.3	12.5	1.0	0.1	5.1	66
1900 - 2200	137,287.	96.8	4.23	1.34	5.57	84.9	13.8	1.1	0.2	2.8	66
2200 - 2400	79,008.	99.3	5.00	0.98	5.98	84.1	14.9	0.9	0.1	1.0	82
Summary	930,945.	94.5	3.73	1.40	5.12	87.7	11.4	0.7	0.1	3.6	82

Transport for London - QSI Points and Live Mileage List

v2.0 - Mileage directly imported from Caesar

Route 168
 Service change 29050
 Date 18/04/2012
 QSI Points are highlighted.

TRANCHE 492

Reason for Issue	Mileage Update
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OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
HHTHSE	29927	Royal Free Hospital		
	12053	Rosslyn Hill	214	0.13
	12058	Rosslyn Hill / Pond Street	235	0.15
BZPKSN	12060	Belsize Park Station	223	0.14
	BP2006	Downside Crescent	138	0.09
	34953	Upper Park Road	212	0.13
	37435	Haverstock Hill / Steele's Village	389	0.24
CHFMSN	37436	Chalk Farm Station	297	0.18
	11994	Chalk Farm Morrisons	443	0.28
	33259	Hawley Road	443	0.28
	33096	Camden Gardens	214	0.13
CDTNSN	3517	Camden Street	226	0.14
	33288	Camden Town Station	241	0.15
	36859	Pratt Street	220	0.14
	666	Mornington Crescent Station	412	0.26
	8343	Aldenhams Street	405	0.25
EUSTES	8341	Euston Station	339	0.21
	750	Upper Woburn Place	228	0.14
	1103	Tavistock Square	241	0.15
RSSQES	8438	Russell Square	228	0.14
	8437	Southampton Row	321	0.20
	25599	Theobald's Road	201	0.12
HOLBSN	26425	Holborn Station	365	0.23
	29984	Aldwych / the Royal Courts Of Justice	504	0.31
AWCHSM	29985	Aldwych / Somerset House	309	0.19
	1835	Waterloo Bridge / South Bank	678	0.42
WLOOWR	25896	Waterloo Station / Waterloo Road	580	0.36
	1047	The Old Vic	229	0.14
	2597	St George's Circus	306	0.19
ELEFLN	26212	Elephant & Castle / London Road	532	0.33
	27400	Elephant & Castle / New Kent Road	315	0.20
	2574	Rodney Place	243	0.15
OKRDBAN	26746	Bricklayer's Arms / New Kent Road	398	0.25
	26741	Bricklayer's Arms	506	0.31
	BP599	Old Kent Road / East Street	229	0.14
OKRDTS	BP128	Dunton Road	498	0.31
Total Route Mileage - Out Direction			11562	7.18
			Metres	Miles

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
OKRDTS	23105	Dunton Road		
	2554	Old Kent Road / East Street	459	0.29
	26743	Bricklayer's Arms	322	0.20
OKRDBAN	34288	Bricklayer's Arms / New Kent Road	356	0.22
	2573	Rodney Place	314	0.20
	33627	Elephant & Castle / New Kent Road	295	0.18
ELEFLN	BP3718	Elephant & Castle / London Road	356	0.22
	2596	St George's Circus	580	0.36
	1048	The Old Vic	204	0.13
WLOOTW	BP1619	Waterloo Station / Tenison Way	493	0.31
	25893	Waterloo Bridge / South Bank	236	0.15
	36886	Lancaster Place	532	0.33
AWCHWA	36599	Aldwych	315	0.20
HOLBSN	20908	Holborn Station	464	0.29
	477	Theobald's Road	342	0.21
RSSQWP	BP5646	Russell Square Station	619	0.38
	29055	Tavistock Square	177	0.11
	R0739	Upper Woburn Place / Euston Road	238	0.15
EUSTES	8342	Euston Station / Eversholt Street	249	0.15
	8344	Aldenhams Street	368	0.23
	667	Mornington Crescent Station	342	0.21
	1280	Camden High Street	305	0.19
CDTNSN	325	Camden Town Station	245	0.15
	33533	Hartland Road / Camden Market	597	0.37
	37171	The Roundhouse	270	0.17
CHFMSN	37162	Chalk Farm Station	225	0.14
	37163	Steele's Road / Steele's Village	362	0.22
	12059	Upper Park Road	461	0.29
BZPKSN	12057	Belsize Park Station	220	0.14
	12054	Rosslyn Hill	341	0.21
	34989	Royal Free Hospital	247	0.15
HHTHSE	37391	South End Green	129	0.08
Total Route Mileage - Back Direction			10663	6.63
			Metres	Miles