

7. Service Specification

Route: W4

Contract Reference: QC59406

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	Oakthorpe Park Estate, Ostliffe Road and Tottenham, Ferry Lane Estate
Contract Basis	Incentivised
Commencement Date	3 rd February 2018
Vehicle Type	45 capacity, single door, single deck vehicles, minimum 8.9m long
Current Maximum Approved Dimensions	8.9 metres long and 2.44 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 - 1.10 minutes
Minimum Operated Mileage Standard	No less than 98.00%

The Date of Tender for this ITT is:

No later than 12 Noon on 13th February 2017

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. W4.

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Smaller buses are used on the route due to highway constraints around Chequers Way.

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. W4:

Towards Tottenham, Ferry Lane Estate:

- Chequers Way, Tottenham Road, Wolves Lane and White Hart Lane.
- Gloucester Road, The Avenue, Broadwater Road and Radley Road.

Towards Oakthorpe Park Estate, Ostliffe Road:

- The Avenue and, Willan Road.
- Gloucester Road, Higham Road, Hastings Road, Wilmot Road, Pendennis Road, Downhills Park Road and Belmont Road.
- White Hart Lane, Wolves Lane and Tottenham Road.

The Mayor and Transport for London (TfL) have developed a series of clean bus corridors which will be 'Low Emission Bus Zones' (LEBZ) in London. The corridors will prioritise the greenest buses on the worst polluted routes, as part of the Mayor's plans to improve air quality across London.

The Low Emission Bus Zones will begin to be introduced from early 2017 and will apply 24 hours a day, 7 days a week, and will require all buses operating for TfL within the zones to meet Euro VI emission standards.

- **Route No. W4 serves LEBZ 6 (Haringey High Road to Green Lanes) which is scheduled to commence in May 2018.**
- **Any existing vehicles will need to be upgraded to reduce NOx and PM emissions to meet the equivalent of Euro VI emission standards. The costs to achieve this upgrade should be included in the overall tender price. For LBSL budgeting purposes, the cost (per vehicle) to the operator of the upgrade should also be identified separately.**

2) NOTES - continued.

Operators should provide the following prices:

- 1. Annual diesel price - based on minimum 5 year contract.**

Tenderers are encouraged to offer alternative vehicle options in accordance with Part 9 of their tender, including but not limited to:

- 1. Modifications to reduce emissions and fuel consumption (including energy storage, engine stop/start and/or energy efficient components).**
- 2. Zero emission vehicles (e.g. electric or fuel cell).**
- 3. Existing vehicles.**

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Oakthorpe Park Estate, Ostliffe Road to Tottenham, Ferry Lane Estate		Tottenham, Ferry Lane Estate to Oakthorpe Park Estate, Ostliffe Road			
First departure no later than 0525.		First departure no later than 0545.			
0520 - 0645	Every 20 minutes	0540 - 0640	Every 20 minutes		
0646 - 1900	Every 10 minutes	0641 - 0735	Every 12 minutes		
1901 - 0005	Every 15 minutes	0736 - 1850	Every 10 minutes		
		1851 - 0010	Every 15 minutes		
Last departure no earlier than 2400.		Last departure no earlier than 0005.			
Pinchpoints					
Tottenham, Bruce Grove Station	0720 - 0920	10 minutes	Turnpike Lane Station, Green Lanes	0710 - 0810	12 minutes
	1505 - 1625	10 minutes		0811 - 0910	10 minutes
				1500 - 1620	10 minutes

3.3) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Oakthorpe Park Estate, Ostliffe Road to Tottenham, Ferry Lane Estate		Tottenham, Ferry Lane Estate to Oakthorpe Park Estate, Ostliffe Road			
First departure no later than 0525.		First departure no later than 0545.			
0520 - 0805	Every 20 minutes	0540 - 0805	Every 20 minutes		
0806 - 0820	Every 15 minutes	0806 - 0820	Every 15 minutes		
0821 - 1800	Every 10 minutes	0821 - 1820	Every 10 minutes		
1801 - 0005	Every 15 minutes	1821 - 0010	Every 15 minutes		
Last departure no earlier than 2400.		Last departure no earlier than 0005.			
Pinchpoints					
Tottenham, Bruce Grove Station	935 - 1105	10 minutes	Turnpike Lane Station, Green Lanes	0935 - 1105	10 minutes

3.4) SUNDAY AND PUBLIC HOLIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Oakthorpe Park Estate, Ostliffe Road to Tottenham, Ferry Lane Estate		Tottenham, Ferry Lane Estate to Oakthorpe Park Estate, Ostliffe Road			
First departure no later than 0620.		First departure no later than 0640.			
0615 - 0850	Every 30 minutes	0635 - 0940	Every 30 minutes		
0851 - 0950	Every 20 minutes	0941 - 0010	Every 15 minutes		
0951 - 0005	Every 15 minutes				
Last departure no earlier than 2400.		Last departure no earlier than 0005.			
Pinchpoints					
Tottenham, Bruce Grove Station	0935 - 1015	20 minutes	Turnpike Lane Station, Green Lanes	1015 - 1115	15 minutes
	1016 - 1045	15 minutes			

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

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. W4 can suffer from unpredictable traffic delays in the Turnpike Lane/Green Lanes and Wood Green Station areas.
- 4.2) Tottenham Hotspur Football Club playing at home can cause delays in the Tottenham area. Tenderers should bear this in mind when compiling schedules.
- 4.3) **Buses cannot be larger than specified due to highway constraints around Chequers Way.**

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 W4: Oakthorpe Park Estate, Chequers Way - Tottenham, Ferry Lane Estate

Date of Structural Change: 3 February 2018.

Date of Service Change: 3 February 2018.

Reason for Issue: New Tender.

STREETS TRAVERSED

Towards Tottenham, Ferry Lane Estate: North Circular Road, Chequers Way, Tottenhall Road, Wolves Lane, White Hart Lane, Wood Green High Road, Green Lanes, West Green Road, Belmont Road, Downhills Park Road, Higham Road, Gloucester Road, The Avenue, Willan Road, Gloucester Road, The Avenue, Broadwater Road, Radley Road, Bruce Grove, Tottenham High Road, Broad Lane, Ferry Lane, Tottenham Hale Bus Station Entrance, Tottenham Hale Bus Station, Tottenham Hale Bus Station Exit, Ferry Lane, Jarrow Road.

Towards Oakthorpe Park Estate, Chequers Way: Jarrow Road, Ferry Lane, Tottenham Hale Bus Station Entrance, Tottenham Hale Bus Station, Tottenham Hale Bus Station Exit, Ferry Lane, Broad Lane, Tottenham High Road, Bruce Grove, The Avenue, Willan Road, Gloucester Road, Higham Road, Hastings Road, Wilmot Road, Pendennis Road, Downhills Park Road, Belmont Road, West Green Road, Alfoxton Avenue, Green Lanes, Wood Green High Road, White Hart Lane, Wolves Lane, Tottenhall Road, Chequers Way.

AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

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

OAKTHORPE PARK, OSTLIFFE ROAD

Public stand for one bus on north side of Ostliffe Road.

Buses proceed from Chequers Way via Ostliffe Road to stand, departing via Ostliffe Road to North Circular Road. Set down in Chequers Way (BP1525 - Mitchell Road, Last Stop on LOR: BP1525 - Mitchell Road) and pick up in North Circular Road, at Stop WX (16014 - Ulster Gardens, First Stop on LOR: 16014 - Ulster Gardens).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: No more than 1 bus on Route W4 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: Oakthorpe Park.
OTHER INFORMATION: Toilets available.

WOOD GREEN, WOLVES LANE (from TOTTENHAM, FERRY LANE ESTATE)

Public stand for two buses in Wolves Lane, commencing 30 metres south of lamp standard No 2 and extending 24 metres south.

Buses proceed from Wolves Lane direct to stand, departing via Wolves Lane to White Hart Lane. Set down in Wolves Lane, on stand (HC145 - Hail & Ride Section Starts Here, Last Stop on LOR: HC145 - Hail & Ride Section Starts Here) and pick up in White Hart Lane (HC133 - Hail & Ride Section, First Stop on LOR: HC133 - Hail & Ride Section).

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: Wood Green, Wolves Lane.

WOOD GREEN, BULLER ROAD (from Oakthorpe Park Estate, Chequers Way)

Public stand for 10 buses in two portions:

1 - On north side of Buller Road commencing 10 metres west of junction with Redvers Road and extending 54 metres west.

2 - On east side (offside) of Redvers Road commencing 7 metres south of Lordship Lane and extending 59 metres south.

Buses proceed from Wood Green High Road via Buller Road to stand, departing via Buller Road, Redvers Road and Lordship Lane to Wood Green High Road. Set down in Wood Green High Road, at Stop G (BP1795 - Lordship Lane, Last Stop on LOR: BP1795 - Lordship Lane) and pick up in Wood Green High Road, at Stop C (33760 - Wood Green Bus Garage, First Stop on LOR: 33760 - Wood Green Bus Garage).

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:	Wood Green.

WOOD GREEN, BULLER ROAD (from TOTTENHAM, FERRY LANE ESTATE)

Buses proceed from Wood Green High Road via Buller Road, Redvers Road and Lordship Lane departing to Wood Green High Road. Set down in Wood Green High Road, at stop J (9982 - Wood Green Shopping City, Last Stop on LOR: 9982 - Wood Green Shopping City) and pick up in Wood Green High Road, at stop G (BP1795 - Lordship Lane, First Stop on LOR: BP1795 - Lordship Lane).

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

TURNPIKE LANE STATION

From Oakthorpe Park Estate, Chequers Way.

Buses proceed from Green Lanes via Carlingford Road, Turnpike Lane Bus Station and Green Lanes departing to Wood Green High Road. Set down in Green Lanes, at Stop Y (3617 - Turnpike Lane Station <>, Last Stop on LOR: 3617 - Turnpike Lane Station <>) and pick up in Wood Green High Road, at Stop L (9984 - Brampton Park Road, First Stop on LOR: 9984 - Brampton Park Road).

From Tottenham, Ferry Lane Estate.

Buses proceed from Green Lanes via Carlingford Road and Turnpike Lane Bus Station departing to Green Lanes. Set down in Green Lanes, at Stop U (29775 - Turnpike Lane Station <>, Last Stop on LOR: 29775 - Turnpike Lane Station <>) and pick up in Green Lanes, at Stop Y (3617 - Turnpike Lane Station <>, First Stop on LOR: 3617 - Turnpike Lane Station <>).

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

WEST GREEN ROAD, GREEN LANES

Public stand for 2 buses on north side of West Green Road outside Barker House commencing 14 metres east of lamp standard No. WG96P and extending 21.1 metres west.

From Oakthorpe Park Estate, Chequers Way.

Buses proceed from Green Lanes via West Green Road to stand, departing via West Green Road and St Margaret's Avenue to Alfoxton Avenue. Set down in Green Lanes, at stop Y (3617 - Turnpike Lane Station <>, Last Stop on LOR: 3617 - Turnpike Lane Station <>) and pick up in Alfoxton Avenue, (33971 - Willow Walk, First Stop on LOR: 33971 - Willow Walk).

From Tottenham, Ferry Lane Estate.

Buses proceed from Alfoxton Avenue via Green Lanes and West Green Road to stand, departing to West Green Road. Set down in Alfoxton Avenue, G (33971 - Willow Walk, Last Stop on LOR: 33971 - Willow Walk) and pick up in West Green Road, W (26973 - Willow Walk, First Stop on LOR: 26973 - Willow Walk).

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: Green Lanes, West Green Road.

TOTTENHAM TOWN HALL (from Oakthorpe Park Estate, Chequers Way)

Buses proceed from Tottenham High Road via Tottenham Green East, Tottenham Green South Side and Town Hall Approach Road departing to Tottenham High Road. Set down in Tottenham High Road, at stop Y (10944 - Tottenham Town Hall, Last Stop on LOR: 10944 - Tottenham Town Hall) and pick up in Tottenham High Road, at stop U (70340 - Tottenham Town Hall, First Stop on LOR: 70340 - Tottenham Town Hall).

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

TOTTENHAM, BRUCE GROVE (from TOTTENHAM, FERRY LANE ESTATE)

Buses proceed from Bruce Grove via Lordship Lane departing to Tottenham High Road. Set down in Bruce Grove, at Stop K (10979 - Bruce Grove Station #, Last Stop on LOR: 10979 - Bruce Grove Station #) and pick up in Tottenham High Road, at Stop DA (BP5936 - Tottenham Police Station, First Stop on LOR: BP5936 - Tottenham Police Station).

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

TOTTENHAM, BRUCE GROVE (from Oakthorpe Park Estate, Chequers Way)

Buses proceed from Bruce Grove via Radley Road, Broadwater Road, Linley Road and Bruce Grove departing to The Avenue. Set down in Bruce Grove, at stop N (10974 - Elmhurst Road, Last Stop on LOR: 10974 - Elmhurst Road) and pick up in The Avenue, at stop HC (HC141 - Hail & Ride Section Starts Here, First Stop on LOR: HC141 - Hail & Ride Section Starts Here).

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

TOTTENHAM HALE BUS STATION (from Oakthorpe Park Estate, Chequers Way)

Buses proceed from Tottenham Hale Bus Station departing to Tottenham Hale Bus Station. Set down in Tottenham Hale Bus Station, at Stop C (BP5886 - Tottenham Hale Bus Station <> #, Last Stop on LOR: BP5885 - Tottenham Hale Bus Station <> #) and pick up in Tottenham Hale Bus Station, at Stop C (BP5886 - Tottenham Hale Bus Station <> #).

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

TOTTENHAM, FERRY LANE ESTATE

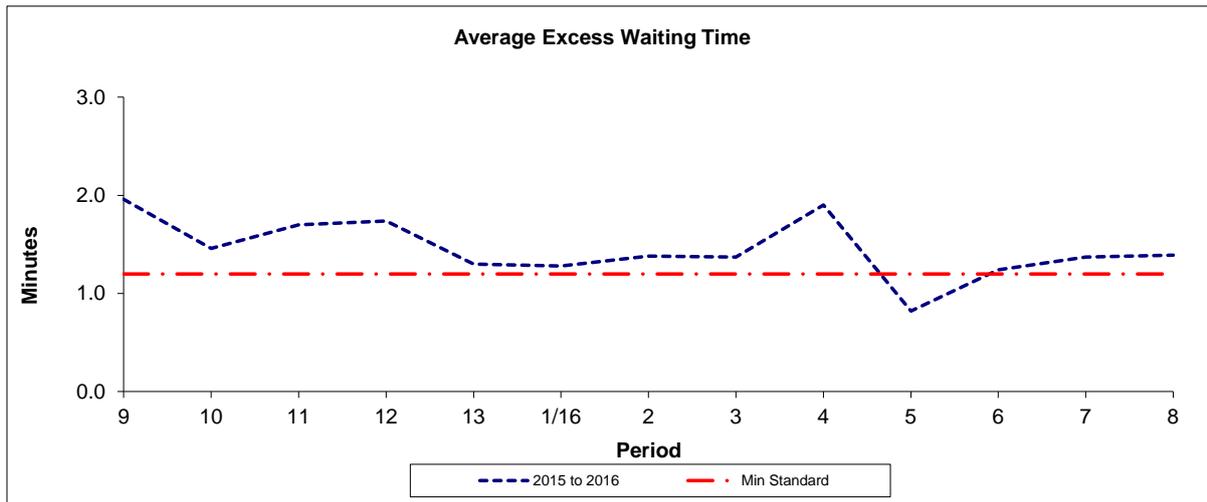
Public stand for up to 3 buses in lay-by area on east side of Jarrow Road situated approximately 25 metres north of railway bridge.

Buses proceed from Jarrow Road direct to stand, departing to Jarrow Road. Set down in Jarrow Road (35979 - Ferry Lane Primary School, Last Stop on LOR: 35979 - Ferry Lane Primary School) and pick up in Jarrow Road (35979 - Ferry Lane Primary School, First Stop on LOR: 35979 - Ferry Lane Primary School).

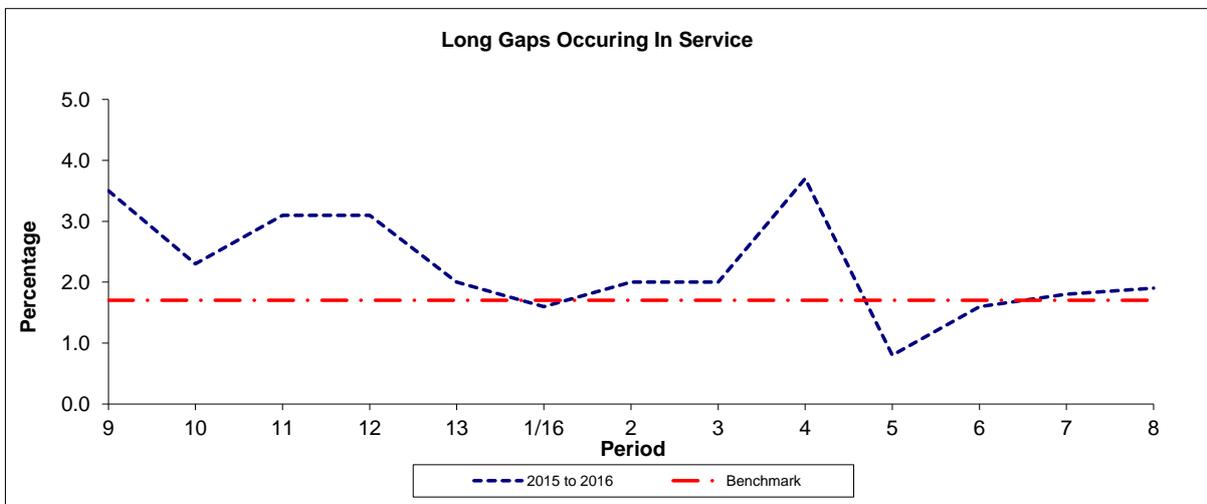
AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	None.
MEAL RELIEFS:	No meal relief vehicles to stand at any time.
FERRY VEHICLES:	No ferry vehicles to park on stand at any time.
BLIND DISPLAY:	Tottenham Hale, Ferry Lane.

PART B - PERFORMANCE STATISTICS

Route W4



Period	9	10	11	12	13	1/16	2	3	4	5	6	7	8
2015 to 2016	1.96	1.46	1.70	1.74	1.30	1.28	1.38	1.37	1.90	0.82	1.24	1.37	1.39
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



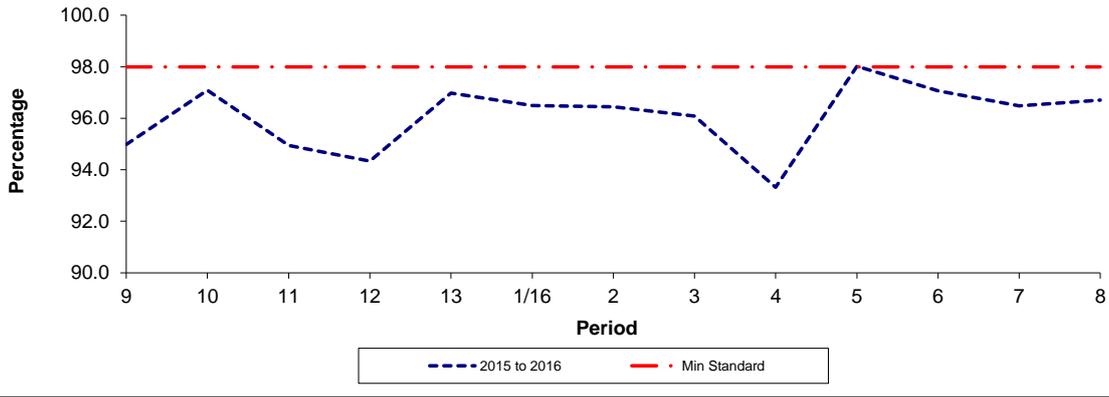
Period	9	10	11	12	13	1/16	2	3	4	5	6	7	8
2015 to 2016	3.5	2.3	3.1	3.1	2.0	1.6	2.0	2.0	3.7	0.8	1.6	1.8	1.9
Benchmark	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7

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

PART B - PERFORMANCE STATISTICS

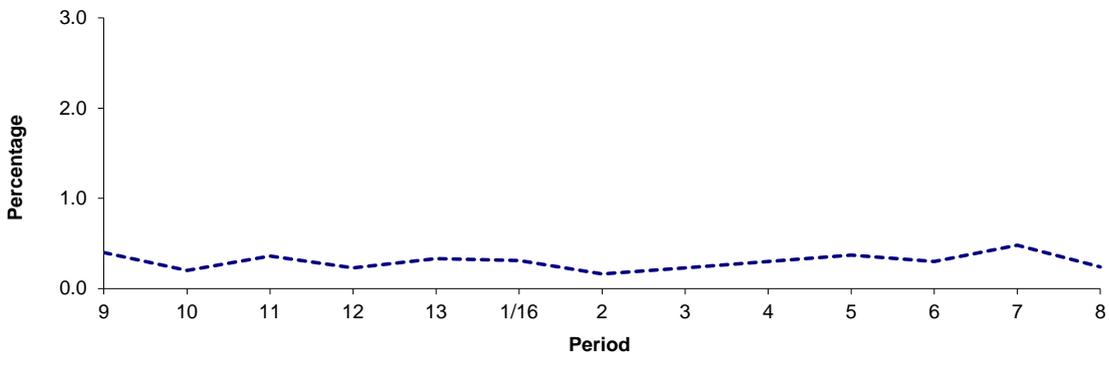
Route W4

Mileage Operated



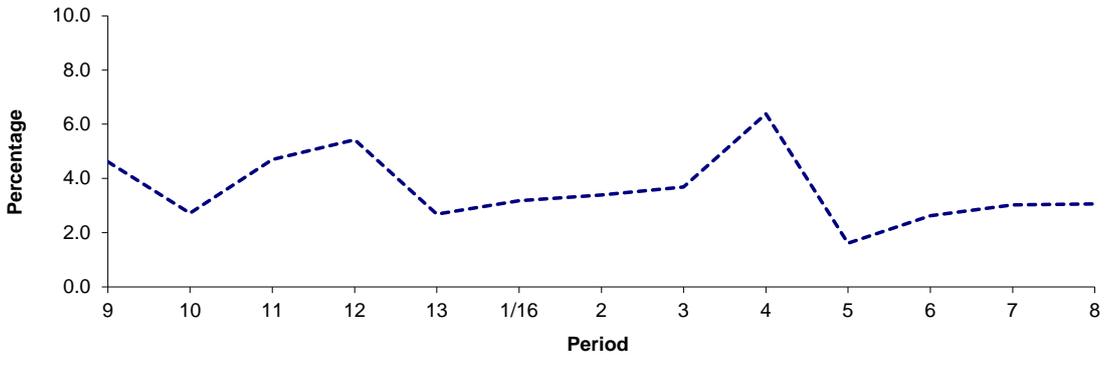
Period	9	10	11	12	13	1/16	2	3	4	5	6	7	8
2015 to 2016	94.98	97.09	94.94	94.34	96.98	96.50	96.45	96.09	93.32	98.02	97.07	96.48	96.70
Min Standard	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00

Deductible Mileage



Period	9	10	11	12	13	1/16	2	3	4	5	6	7	8
2015 to 2016	0.40	0.20	0.36	0.23	0.33	0.31	0.16	0.23	0.30	0.37	0.30	0.48	0.24

Non Deductible Mileage



Period	9	10	11	12	13	1/16	2	3	4	5	6	7	8
2015 to 2016	4.62	2.72	4.70	5.43	2.69	3.18	3.39	3.68	6.38	1.61	2.63	3.03	3.06

Note: Mileage is based on 4 weeks data

ROUTE W4 - FULL IBUS RESULTS BY TIME OF DAY
QUARTER 3 2015/16 TO QUARTER 2 16/17 (19/09/2015 - 16/09/2016)

MONDAY - FRIDAY

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	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)
05:00 - 07:00	13,527	13,176	97.4	10.13	0.31	10.44	61.6	31.8	6.0	0.6	2.2	51
07:00 - 10:00	59,150	55,476	93.8	5.47	1.56	7.03	76.8	19.8	2.9	0.6	2.4	82
10:00 - 13:00	61,764	59,450	96.3	5.00	1.31	6.31	80.5	17.8	1.5	0.2	1.7	69
13:00 - 16:00	61,810	58,836	95.2	5.04	1.64	6.68	77.0	20.2	2.5	0.3	2.6	59
16:00 - 19:00	60,807	57,617	94.8	5.07	1.95	7.01	75.0	21.2	3.1	0.7	3.6	80
19:00 - 22:00	43,178	42,790	99.1	7.02	1.32	8.34	64.1	31.0	4.1	0.8	1.3	64
22:00 - 24:00	27,744	27,432	98.9	7.53	0.68	8.22	64.5	32.8	2.4	0.2	0.2	56
All Locations Summary	327,980	314,777	96.0	5.65	1.51	7.17	74.5	22.1	2.9	0.5	2.4	82

SATURDAY

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	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)
05:00 - 07:00	2,791	2,739	98.1	10.03	0.24	10.28	59.9	35.3	4.5	0.3	2.6	42
07:00 - 10:00	9,714	9,605	98.9	7.04	0.48	7.52	74.6	23.0	2.3	0.1	0.1	55
10:00 - 13:00	12,792	12,446	97.3	5.02	0.98	6.00	82.7	16.1	1.1	0.2	1.2	39
13:00 - 16:00	12,690	11,673	92.0	5.02	2.20	7.22	72.9	22.4	3.8	0.9	4.6	55
16:00 - 19:00	11,926	10,948	91.8	5.20	2.56	7.76	69.4	24.4	5.0	1.2	5.5	68
19:00 - 22:00	8,676	8,255	95.1	7.33	2.26	9.60	58.8	31.3	7.8	2.1	2.4	75
22:00 - 24:00	5,683	5,369	94.5	7.49	1.72	9.21	60.0	32.5	6.4	1.2	1.2	52
All Locations Summary	64,272	61,035	95.0	5.88	1.76	7.64	71.4	23.7	4.0	0.9	3.0	75

SUNDAY AND BANK HOLIDAYS

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	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)
05:00 - 07:00	890	873	98.1	15.05	-0.10	14.96	70.0	11.7	16.0	2.2	17.2	34
07:00 - 10:00	5,271	5,215	98.9	14.11	0.31	14.42	39.9	35.5	21.4	3.2	0.0	82
10:00 - 13:00	10,052	9,980	99.3	7.48	0.49	7.97	67.0	31.4	1.5	0.1	0.1	51
13:00 - 16:00	9,688	9,462	97.7	7.44	0.93	8.37	63.0	32.7	3.5	0.8	0.8	58
16:00 - 19:00	9,702	9,398	96.9	7.50	1.28	8.78	61.8	32.9	4.4	1.0	1.0	70
19:00 - 22:00	9,656	9,536	98.8	7.52	0.93	8.45	63.6	32.9	3.2	0.4	0.3	49
22:00 - 24:00	6,422	6,517	101.5	7.51	0.66	8.17	65.1	32.6	2.2	0.1	0.1	38
All Locations Summary	51,681	50,981	98.6	8.28	0.82	9.10	61.6	32.4	5.2	0.9	0.8	82

ALL DAYS

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	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)
05:00 - 07:00	17,208	16,788	97.6	10.37	0.28	10.65	61.9	31.1	6.4	0.6	3.0	51
07:00 - 10:00	74,135	70,296	94.8	6.04	1.41	7.46	74.7	20.8	3.8	0.7	2.1	82
10:00 - 13:00	84,608	81,876	96.8	5.32	1.15	6.47	79.1	19.2	1.5	0.2	1.4	69
13:00 - 16:00	84,188	79,971	95.0	5.32	1.63	6.95	74.8	22.0	2.8	0.4	2.7	59
16:00 - 19:00	82,435	77,963	94.6	5.32	1.95	7.28	73.0	22.7	3.5	0.7	3.6	80
19:00 - 22:00	61,510	60,581	98.5	7.13	1.40	8.53	63.3	31.3	4.5	0.9	1.3	75
22:00 - 24:00	39,849	39,318	98.7	7.52	0.85	8.38	63.9	32.7	3.0	0.4	0.4	56
All Locations Summary	443,933	426,793	96.1	5.94	1.48	7.42	72.8	23.4	3.3	0.6	2.3	82

Transport for London - QSI Points and Live Mileage List

v2.0 - Mileage directly imported from Caesar

Route: W4

Service change: 43337

Date: 12/03/2016

Version Detail

Reason for Issue	Mileage update
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OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
OKTPNC	16014	Ulster Gardens		
	12937	Chequers Way	212	0.13
	HC132	Hail & Ride Section Starts Here	127	0.08
	OC652	Wolves Lane / Playing Fields	1837	1.14
	HC133	Hail & Ride Section	54	0.03
	HC134	Hail & Ride Section Ends Here	468	0.29
	10866	Haringey Civic Centre	146	0.09
WN GR	1488	Wood Green Station	268	0.17
WDGNHR	BP1795	Lordship Lane	135	0.08
	BP2778	Brampton Park Road	448	0.28
	70351	Coleraine Road	256	0.16
TLSNGL	3617	Turnpike Lane Station	233	0.14
	26973	Willow Walk	271	0.17
	16088	Stanley Road	202	0.13
	HC135	Hail & Ride Section Starts Here	165	0.10
	HC136	Hail & Ride Section	1397	0.87
	OC618	Willan Road	302	0.19
	HC137	Hail & Ride Section Ends Here	63	0.04
BWFMWR	BP4669	Broadwater Farm Estate	104	0.06
	HC138	Hail & Ride Section Starts Here	247	0.15
	HC139	Hail & Ride Section	783	0.49
	HC140	Hail & Ride Section Ends Here	147	0.09
	10974	Elmhurst Road	179	0.11
BRGRSNB	10978	Bruce Grove Station	215	0.13
	BP5936	Tottenham Police Station	329	0.20
TOTTSW	10944	Tottenham Town Hall	443	0.28
	670	College Of North East London	256	0.16
	BP5634	Antill Road	528	0.33
	BP5835	Fountainy Business Centre	295	0.18
	BP5836	Tottenham Hale Retail Park	206	0.13
TTHLBS	BP5885	Tottenham Hale Bus Station	411	0.26
	6617	Mill Mead Road	201	0.12
	35983	Ferry Lane	153	0.10
	35981	Erskine Crescent	221	0.14
TOTTFL	35979	Ferry Lane Primary School	226	0.14
Total Route Mileage - Out Direction			11528	7.16
			Metres	Miles

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
TOTTFL	35979	Ferry Lane Primary School		
	35980	Erskine Crescent	177	0.11
	35982	Ferry Lane	199	0.12
	6661	Mill Mead Road	212	0.13
TTHLBS	BP5886	Tottenham Hale Bus Station	291	0.18
	2929	Tottenham Hale Retail Park	427	0.27
	2927	Stamford Road	359	0.22
	2923	Wakefield Road	299	0.19
	671	College Of North East London	183	0.11
TOTTSW	70340	Tottenham Town Hall	317	0.20
	10942	Tottenham Police Station	327	0.20
	BP5432	St Loys Road	188	0.12
BRGRSNB	10979	Bruce Grove Station	350	0.22
	HC141	Hail & Ride Section Starts Here	243	0.15
	HC142	Hail & Ride Section	469	0.29
	HC137	Hail & Ride Section Ends Here	139	0.09
BWFMWR	BP4669	Broadwater Farm Estate	104	0.06
	HC138	Hail & Ride Section Starts Here	247	0.15
	HC143	Hail & Ride Section	1205	0.75
	HC144	Hail & Ride Section Ends Here	195	0.12
	16982	Stanley Road	231	0.14
	33971	Willow Walk	164	0.10
TLSNGL	29775	Turnpike Lane Station	366	0.23
	9984	Brampton Park Road	396	0.25
	9982	Wood Green Shopping City	282	0.18
WDGNHR	BP1794	Wood Green Station	328	0.20
WN GR	33760	Wood Green Bus Garage	126	0.08
	10864	Haringey Civic Centre	245	0.15
	HC145	Hail & Ride Section Starts Here	721	0.45
	HC146	Hail & Ride Section	1248	0.78
	HC147	Hail & Ride Section Ends Here	331	0.21
OKTPCW	BP1525	Mitchell Road	192	0.12
Total Route Mileage - Back Direction			10561	6.56
			Metres	Miles