

7. Service Specification

Route: W15

Contract Reference: QC55505

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	Cogan Avenue Estate, Folly Lane to Hackney
Contract Basis	Incentivised
Commencement Date	4 th March 2017
Vehicle Type	55 capacity, dual door, single deck, minimum 10.2m long
Current Maximum Approved Dimensions	10.2 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 1.30 minutes
Extension Threshold	Average Excess Wait Time Threshold - 1.20 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 11th April 2016

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. W15.

Tenderers should note that there are no changes proposed as part of this Service Specification for Route No. W15.

- In conjunction with the proposed Waltham Forest Mini-Holland scheme, emergency schedules will introduced on 2nd April 2016 to mitigate the effects the roadworks.

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.

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Cogan Avenue Estate, Folly Lane to Hackney, Town Hall			Hackney, Morning Lane, Tesco to Cogan Avenue Estate, Folly Lane		
First departure no later than 0450.			First departure no later than 0540.		
0445 - 0520	Every 10 minutes		0535 - 0630	Every 10 minutes	
0521 - 1630	Every 8 minutes		0631 - 1515	Every 8 minutes	
1631 - 1750	Every 8-9 minutes (7 buses per hour)		1516 - 2020	Every 8-9 minutes (7 buses per hour)	
1751 - 1950	Every 10 minutes		2021 - 2050	Every 10 minutes	
1951 - 2105	Every 12 minutes		2051 - 2115	Every 12 minutes	
2106 - 0040	Every 15 minutes		2116 - 0105	Every 15 minutes	
Last departure no earlier than 0035.			Last departure no earlier than 0100.		
Pinchpoints					
Whipps Cross Hospital	0700 - 0900	8 minutes	Leyton, Bakers Arms, Hoe Street	0700 - 0900	8 minutes
	1505 - 1640	8 minutes		1505 - 1555	8 minutes
				1556 - 1635	9 minutes

3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Cogan Avenue Estate, Folly Lane to Hackney, Town Hall			Hackney, Morning Lane, Tesco to Cogan Avenue Estate, Folly Lane		
First departure no later than 0450.			First departure no later than 0540.		
0445 - 0550	Every 15 minutes		0535 - 0640	Every 15 minutes	
0551 - 0625	Every 12 minutes		0641 - 0715	Every 12 minutes	
0626 - 1905	Every 10 minutes		0716 - 2005	Every 10 minutes	
1906 - 1930	Every 12 minutes		2006 - 2030	Every 12 minutes	
1931 - 0040	Every 15 minutes		2031 - 0105	Every 15 minutes	
Last departure no earlier than 0035.			Last departure no earlier than 0100.		
Pinchpoints					
Whipps Cross Hospital	0905 - 1105	10 minutes	Leyton, Bakers Arms, Hoe Street	0905 - 1105	10 minutes

3.3) SUNDAY AND PUBLIC HOLIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Cogan Avenue Estate, Folly Lane to Hackney, Town Hall			Hackney, Morning Lane, Tesco to Cogan Avenue Estate, Folly Lane		
First departure no later than 0635.			First departure no later than 0650.		
0630 - 0650	Every 15 minutes		0645 - 0815	Every 15 minutes	
0651 - 1750	Every 12 minutes		0816 - 1925	Every 12 minutes	
1751 - 0040	Every 15 minutes		1926 - 0105	Every 15 minutes	
Last departure no earlier than 0035.			Last departure no earlier than 0100.		
Pinchpoints					
Whipps Cross Hospital	1020 - 1130	12 minutes	Leyton, Bakers Arms, Hoe Street	1025 - 1135	12 minutes

Please identify the cost of the Boxing Day element of this service separately.

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. W15 can suffer from unpredictable traffic delays in the Walthamstow and Leytonstone areas, particularly during Mondays to Fridays peak periods.
- 4.2) Hackney Sunday market (Hackney Marshes) may cause delay to the service.
- 4.3) Football matches at Leyton Orient Football Club can also cause traffic congestion in the Leyton area.
- 4.4) Football matches at West Ham Football Club at Queen Elizabeth Olympic Park are expected to cause traffic congestion in the Stratford area when it opens. Work is expected to be completed by August 2016.
- 4.5) Smaller buses are used on the route due to highway constraints in the Homerton Hospital area.
- 4.6) Legacy development related to the Queen Elizabeth Olympic Park and Stratford City is projected to come forward over the next 10 years. It is anticipated that activity, including bus passenger demand, will increase as new developments are built and occupied
- 4.7) In conjunction with the proposed Waltham Forest Mini-Holland scheme, emergency schedules will introduced on 2nd April 2016 to mitigate the effects the roadworks.

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 W15: Cogan Avenue Estate - Hackney Town Hall

Date of Structural Change: 30 March 2015.

Date of Service Change: 29 August 2015.

Reason for Issue: End of Ponsford Street cut back.

STREETS TRAVERSED

Towards Hackney Town Hall: Folly Lane, Banbury Road, Sinnott Road, Billet Road, Higham Hill Road, Forest Road, Palmerston Road, Willow Walk, Selborne Road, Walthamstow Central Bus Station, Selborne Road, Hoe Street, Lea Bridge Road, Whipps Cross, Whipps Cross Roundabout, Whipps Cross Road, Private Road In Whipps Cross Hospital Grounds, James Lane, Essex Road South, Hainault Road, Fairlop Road, Grove Green Road, Leytonstone Station Plaza, Grove Green Road, Alexandra Road, York Road, Ruckholt Road, Eastway, Homerton Road, Marsh Hill, Homerton High Street, Brooksby's Walk, Homerton Grove, Wardle Street, Homerton High Street, Ponsford Street, Morning Lane, Valette Street, Paragon Road, Mare Street.

Towards Cogan Avenue Estate: Morning Lane, Ponsford Street, Homerton High Street, Fenn Street, Homerton Row, Homerton Grove, Wardle Street, Homerton High Street, Marsh Hill, Homerton Road, Eastway, Ruckholt Road, Warren Road, Francis Road, Grove Green Road, Leytonstone Station Plaza, Fairlop Road, Hainault Road, Essex Road South, James Lane, Private Road In Whipps Cross Hospital Grounds, Whipps Cross Road, Whipps Cross Roundabout, Whipps Cross, Lea Bridge Road, Leyton Green Road, High Road Leyton, Hoe Street, Selborne Road, Walthamstow Central Bus Station, Selborne Road, Willow Walk, Palmerston Road, Forest Road, Higham Hill Road, Billet Road, Lawrence Avenue, Mcentee Avenue, Folly Lane.

AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

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

COGAN AVENUE ESTATE, FOLLY LANE

Public stand for 2 buses on west side of Folly Lane commencing 3 metres north of lamp standard No. 34 and extending 24 metres south.

Buses proceed from Folly Lane direct to stand, departing to Folly Lane. Set down in Folly Lane (BP2540 - William Morris School, Last Stop on LOR: OC470 - Higham Hill / Cogan Avenue) and pick up in Folly Lane (BP2540 - William Morris School, First Stop on LOR: BP2540 - William Morris School).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route W15 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:	Higham Hill, Cogan Avenue.
OTHER INFORMATION:	No toilets available.

WINNS AVENUE (from HACKNEY TOWN HALL)

Buses proceed from Higham Hill Road via Winns Avenue, South Countess Road and Forest Road departing to Palmerston Road. Set down in Higham Hill Road, at Stop C (BP1673 - Renness Road, Last Stop on LOR: BP1673 - Renness Road) and pick up in Palmerston Road, at Stop J (BP1670 - Forest Road, First Stop on LOR: BP1670 - Forest Road).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	Turning Point Only - Buses must not stand
BLIND DISPLAY:	Higham Hill, Winns Avenue.

WALTHAMSTOW CENTRAL BUS STATION (from HACKNEY TOWN HALL)

Private stand for 13 buses in marked bays on east side of Walthamstow Central Bus Station on north side of Selborne Road. Overflow offside stand for 1 bus on west side of bus station in lay-by opposite Stop A.

Buses proceed from Walthamstow Central Bus Station direct to stand, departing to Walthamstow Central Bus Station. Set down in Walthamstow Central Bus Station, at Alighting Point (BP4267 - Walthamstow Bus Station, Last Stop on LOR: R0036 - Walthamstow Central Station <> #) and pick up in Walthamstow Central Bus Station, at Stop B (BP4271 - Walthamstow Bus Station <>, First Stop on LOR: BP4271 - Walthamstow Bus Station <>).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	Unscheduled curtailments only.
MEAL RELIEFS:	No meal relief vehicles to stand at any time.
FERRY VEHICLES:	No ferry vehicles to park on stand at any time.
BLIND DISPLAY:	Walthamstow Central.

LEYTON, BAKERS ARMS

From Cogan Avenue Estate.

Buses proceed from Hoe Street via Lea Bridge Road, Bromley Road and Capworth Street departing to High Road Leyton. Set down in Hoe Street, at stop SK (7964 - Bakers Avenue, Last Stop on LOR: 7964 - Bakers Avenue) and pick up in High Road Leyton, at stop ND (7968 - Lea Bridge Road / Bakers Arms, First Stop on LOR: 7968 - Lea Bridge Road / Bakers Arms).

From Hackney Town Hall.

Buses proceed from Leyton Green Road via Capworth Street and Dunton Road departing to Lea Bridge Road. Set down in Leyton Green Road, at stop WK (34357 - Leyton Green Road, Last Stop on LOR: 34357 - Leyton Green Road) and pick up in Lea Bridge Road, at stop EH (10468 - Lea Bridge Road / Bakers Arms, First Stop on LOR: 10468 - Lea Bridge Road / Bakers Arms).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	Turning Point Only - Buses must not stand
BLIND DISPLAY:	Leyton, Bakers Arms.

WHIPPS CROSS ROUNDABOUT

Public stand for four buses in layby on south west side of roundabout.

From Cogan Avenue Estate.

Buses proceed from Whipps Cross via Whipps Cross Roundabout, Whipps Cross Road and Whipps Cross Roundabout to stand, departing via Whipps Cross Road to Whipps Cross Roundabout. Set down in Lea Bridge Road, at Stop A (14271 - Whipps Cross / Wood Street, Last Stop on LOR: 14271 - Whipps Cross / Wood Street) and pick up in Whipps Cross Roundabout, at Stop C (14274 - Whipps Cross Roundabout, First Stop on LOR: 14274 - Whipps Cross Roundabout).

From Hackney Town Hall.

Buses proceed from Private Road In Whipps Cross Hospital Grounds via Whipps Cross Road and Whipps Cross Roundabout to stand, departing via Whipps Cross Roundabout and Whipps Cross Road to Private Road In Whipps Cross Hospital Grounds. Set down in Private Road In Whipps Cross Hospital Grounds, at Stop J (LE240 - Whipps Cross Hospital / Main Entrance, Last Stop on LOR: LE240 - Whipps Cross Hospital / Main Entrance) and pick up in Private Road In Whipps Cross Hospital Grounds, at Stop K (LE239 - Whipps Cross Hospital / Main Entrance, First Stop on LOR: LE239 - Whipps Cross Hospital / Main Entrance).

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:	Whipps Cross.

LEYTONSTONE STATION, PLAZA (from HACKNEY TOWN HALL)

Private stand for one bus on the eastern arm of the Plaza between Fillebrook Road and Leytonstone Station at bus stop BP1792 (point letter C).

Buses proceed from Leytonstone Station Plaza direct to stand, departing to Leytonstone Station Plaza. Set down in Leytonstone Station Plaza, at Alighting Point (BP1792 - Leytonstone Station <>/ Grove Green Road, Last Stop on LOR: BP2003 - Drayton Road) and pick up in Leytonstone Station Plaza, at Stop B (BP1791 - Leytonstone Station <> / Grove Green Road, First Stop on LOR: BP1791 - Leytonstone Station <> / Grove Green 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:	Leytonstone.

LEYTON, TOWN HALL

Public stand for one bus on east side of Langthorne Road, commencing 5 metres from Grove Green Road and extending 13 metres north.

From Cogan Avenue Estate.

Buses proceed from Grove Green Road via High Road Leyton, Warren Road and Langthorne Road to stand, departing via Langthorne Road, Grove Green Road and High Road Leyton to Warren Road. Set down in Grove Green Road, at Stop C (17992 - Leyton High Road / Leyton Station <>, Last Stop on LOR: 17992 - Leyton High Road / Leyton Station <>) and pick up in Warren Road, at Stop F (17991 - Francis Road, First Stop on LOR: 17991 - Francis Road).

From Hackney Town Hall.

Buses proceed from Warren Road via Langthorne Road to stand, departing via Langthorne Road to Grove Green Road. Set down in Warren Road, at Stop D (1339 - Leyton High Road / Leyton Station <>, Last Stop on LOR: 1339 - Leyton High Road / Leyton Station <>) and pick up in Grove Green Road, at Stop C (17992 - Leyton High Road / Leyton Station <>, First Stop on LOR: 17992 - Leyton High Road / Leyton 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:	Leyton, Town Hall.

SPITALFIELDS MARKET (from Cogan Avenue Estate)

Buses proceed from Ruckholt Road via Eastway, Quartermile Lane and Eastway departing to Ruckholt Road. Set down in Ruckholt Road, at stop K (17986 - Spitalfields Market, Last Stop on LOR: 17986 - Spitalfields Market) and pick up in Ruckholt Road, at stop U (17987 - Spitalfields Market, First Stop on LOR: 17987 - Spitalfields Market).

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

LEA INTERCHANGE BUS GARAGE (from HACKNEY TOWN HALL)

Private stand in Tower Transit's Lea Interchange Bus Garage.

Buses proceed from Ruckholt Road via Temple Mills Lane and Lea Interchange Bus Garage to stand, departing via Lea Interchange Bus Garage and Temple Mills Lane to Ruckholt Road. Set down in Ruckholt Road, at stop U (17987 - Spitalfields Market, Last Stop on LOR: 17987 - Spitalfields Market) and pick up in Ruckholt Road, at stop K (17986 - Spitalfields Market, First Stop on LOR: 17986 - Spitalfields 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:	Spitalfields Market.

HOMERTON HOSPITAL, HOMERTON GROVE, BANISTER HOUSE (from Cogan Avenue Estate)

Public stand for two buses on north west side of Homerton Grove, commencing 45 metres south west of junction with Wardle Street and extending 20 metres south west.

Buses proceed from Homerton Grove via Wardle Street, Homerton High Street, Fenn Street, Homerton Row and Homerton Grove to stand, departing to Homerton Grove. Set down in Homerton Grove, at stop F (BP1818 - Homerton Hospital, Last Stop on LOR: BP1818 - Homerton Hospital) and pick up in Homerton Grove, at stop E (BP2162 - Homerton Hospital / Wardle Street, First Stop on LOR: BP2162 - Homerton Hospital / Wardle 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:	Homerton Hospital.

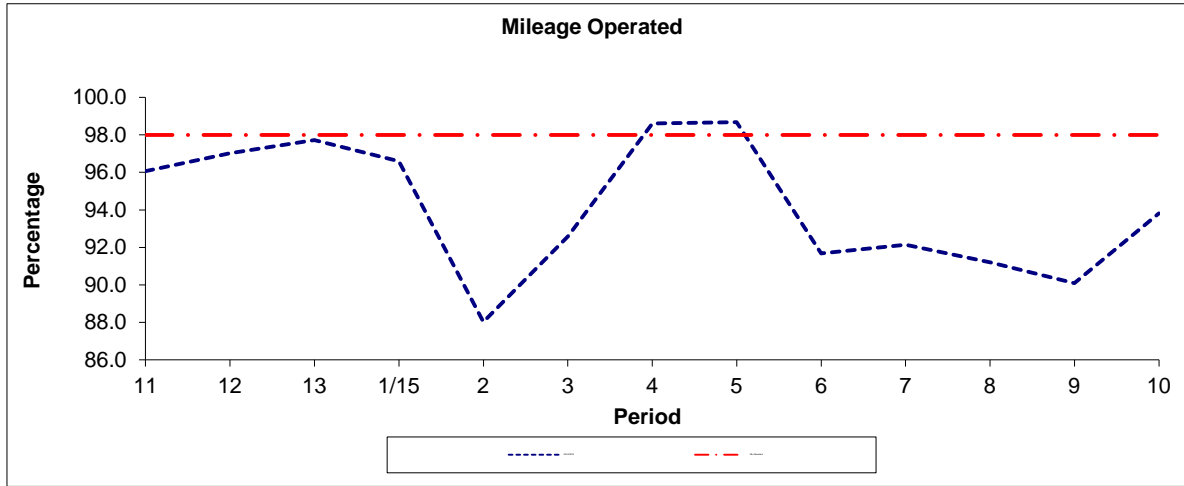
HACKNEY, MORNING LANE, TESCO

Public stand for one bus on north side of Morning Lane at rear of bus lay-by outside Tesco. Buses proceed from Mare Street via Morning Lane to stand, departing to Morning Lane. Set down in Mare Street, at Stop A (306 - Hackney Town Hall, Last Stop on LOR: 306 - Hackney Town Hall) and pick up in Morning Lane, at stop D (34090 - Morning Lane / Trelawney Estate, First Stop on LOR: 34090 - Morning Lane / Trelawney Estate).

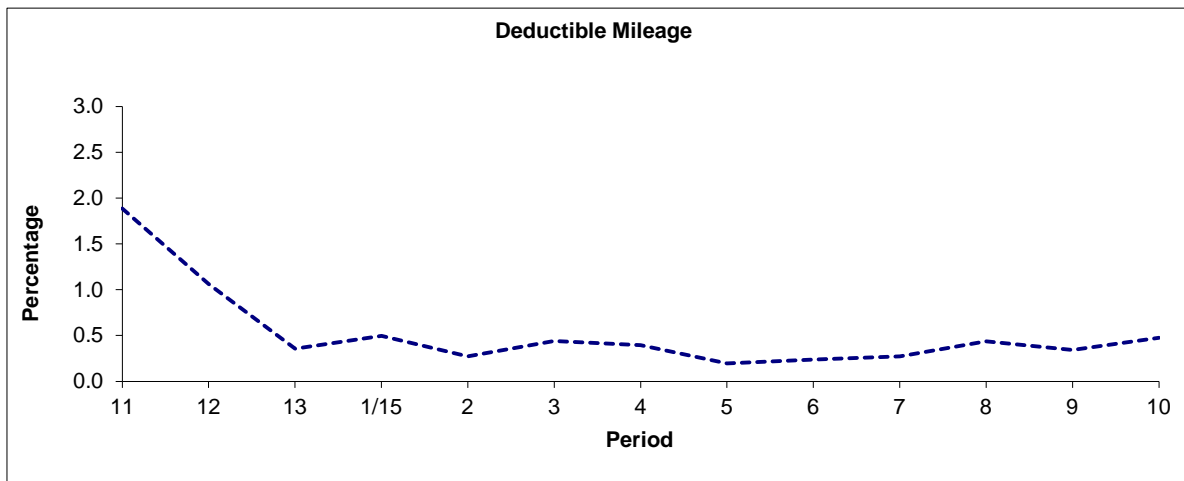
AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 1 bus on Route W15 should be scheduled to stand at any one time.
MEAL RELIEFS:	No meal relief vehicles to stand at any time.
FERRY VEHICLES:	No ferry vehicles to park on stand at any time.
BLIND DISPLAY:	Hackney Town Hall.
OTHER INFORMATION:	No toilets available - toilet to be provided at Morning Lane.

PART B - PERFORMANCE STATISTICS

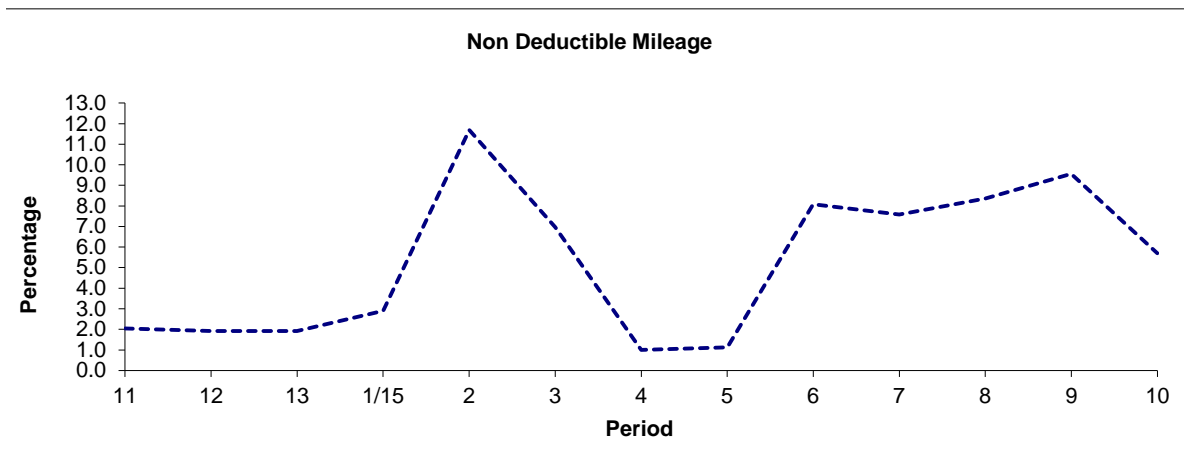
Route W15



Period	11	12	13	1/15	2	3	4	5	6	7	8	9	10
2014/2015	96.07	97.02	97.72	96.60	88.03	92.58	98.61	98.67	91.67	92.14	91.21	90.10	93.82
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	11	12	13	1/15	2	3	4	5	6	7	8	9	10
2014/2015	1.89	1.06	0.36	0.50	0.27	0.44	0.40	0.20	0.24	0.27	0.44	0.34	0.48

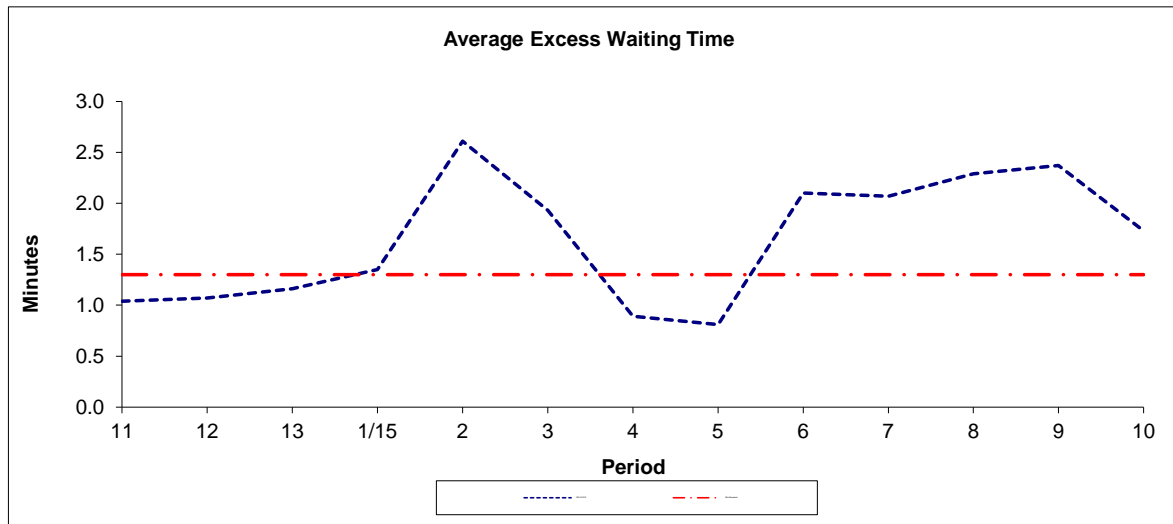


Period	11	12	13	1/15	2	3	4	5	6	7	8	9	10
2014/2015	2.04	1.92	1.92	2.90	11.69	6.98	0.99	1.13	8.09	7.59	8.35	9.56	5.70

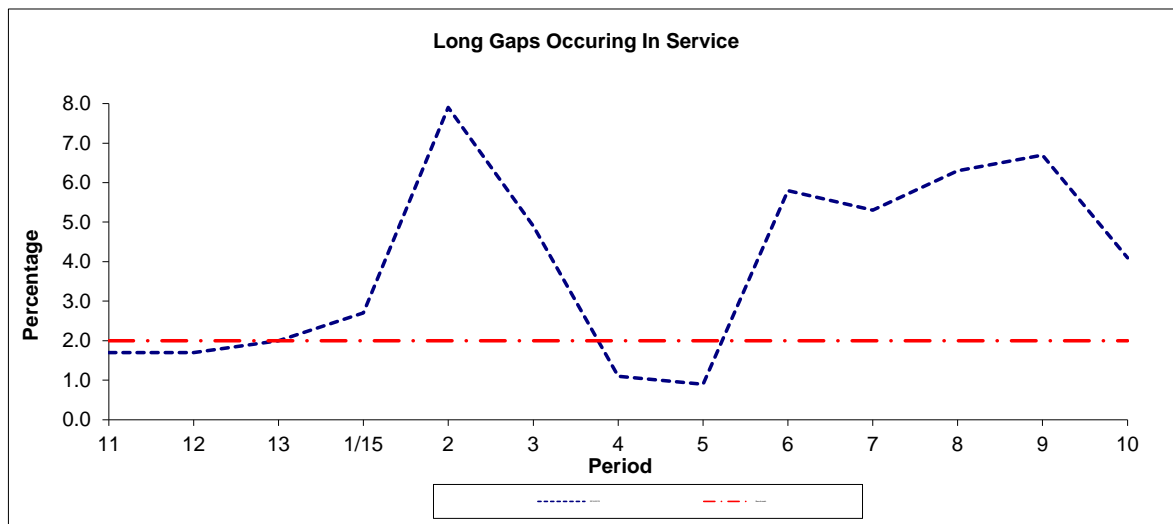
Note : Mileage is based on 4 weeks data
Deductible Mileage was adversely affected by industrial action in periods 11 and 12 14/15.

PART B - PERFORMANCE STATISTICS

Route W15



Period	11	12	13	1/15	2	3	4	5	6	7	8	9	10
2014-2015	1.04	1.07	1.16	1.35	2.61	1.93	0.89	0.81	2.10	2.07	2.29	2.37	1.73
Min Standard	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30



Period	11	12	13	1/15	2	3	4	5	6	7	8	9	10
2014-2015	1.7	1.7	2.0	2.7	7.9	4.9	1.1	0.9	5.8	5.3	6.3	6.7	4.1
Benchmark	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

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

ROUTE W15 - FULL iBUS RESULTS BY TIME OF DAY
QUARTER 4 14/15 TO QUARTER 3 15/16 (03/01/15 - 08/01/16)

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	39,338.	38,440.	97.7	4.46	0.60	5.07	91.2	8.6	0.2	0.0	0.5	29
07:00 - 10:00	91,416.	85,063.	93.1	3.99	1.39	5.38	85.7	12.6	1.4	0.2	3.6	71
10:00 - 13:00	88,190.	84,730.	96.1	3.99	1.42	5.41	86.4	12.4	1.0	0.1	3.1	59
13:00 - 16:00	89,181.	82,441.	92.4	3.99	1.74	5.72	82.9	15.0	1.8	0.3	4.7	70
16:00 - 19:00	82,774.	72,547.	87.6	4.20	2.60	6.80	75.6	20.1	3.6	0.8	7.7	71
19:00 - 22:00	70,581.	65,682.	93.1	4.88	2.02	6.90	74.6	21.6	3.2	0.5	4.6	60
22:00 - 24:00	31,545.	31,721.	100.6	7.37	0.89	8.26	64.8	32.3	2.6	0.2	0.3	56
Locations	493,025.	460,624.	93.4	4.29	1.77	6.06	81.0	16.5	2.1	0.4	4.6	71

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	5,314.	5,169.	97.3	7.05	0.44	7.50	73.7	25.1	1.1	0.1	0.2	37
07:00 - 10:00	15,468.	15,111.	97.7	4.85	0.70	5.56	87.1	12.5	0.4	0.0	0.6	39
10:00 - 13:00	15,079.	14,630.	97.0	4.86	1.29	6.14	81.0	16.7	1.8	0.5	2.5	51
13:00 - 16:00	14,750.	12,886.	87.4	5.01	2.71	7.72	70.7	22.6	5.3	1.4	6.6	62
16:00 - 19:00	14,833.	13,709.	92.4	4.96	2.15	7.11	75.4	20.2	3.5	0.9	4.5	64
19:00 - 22:00	12,364.	11,729.	94.9	5.90	1.43	7.34	71.0	25.0	3.5	0.6	2.4	54
22:00 - 24:00	6,570.	6,512.	99.1	7.37	1.05	8.42	63.6	32.0	3.6	0.8	0.8	46
Locations	84,378.	79,746.	94.5	5.25	1.74	6.99	75.5	20.6	3.2	0.7	3.5	64

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	791.	775.	98.0	7.12	-0.09	7.03	89.2	10.3	0.5	0.0	2.4	31
07:00 - 10:00	12,728.	12,587.	98.9	6.36	0.48	6.83	76.8	22.5	0.7	0.0	0.1	36
10:00 - 13:00	14,338.	14,250.	99.4	5.88	0.64	6.52	78.3	20.8	0.8	0.1	0.3	47
13:00 - 16:00	13,921.	13,425.	96.4	5.99	1.08	7.07	74.0	23.3	2.3	0.4	1.2	51
16:00 - 19:00	13,868.	13,681.	98.7	6.04	1.05	7.08	74.1	23.9	1.9	0.1	0.7	60
19:00 - 22:00	11,944.	11,788.	98.7	6.96	0.77	7.72	67.6	30.2	2.1	0.1	0.3	44
22:00 - 24:00	7,588.	7,616.	100.4	7.41	0.61	8.02	65.7	32.2	1.9	0.2	0.3	65
Locations	75,178.	74,122.	98.6	6.25	0.83	7.08	74.1	24.1	1.7	0.2	0.6	65

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	45,443.	44,384.	97.7	4.85	0.55	5.40	89.4	10.3	0.3	0.0	0.6	37
07:00 - 10:00	119,612.	112,761.	94.3	4.18	1.29	5.47	85.3	13.2	1.3	0.2	3.2	71
10:00 - 13:00	117,607.	113,610.	96.6	4.36	1.30	5.66	84.5	14.1	1.1	0.2	2.7	59
13:00 - 16:00	117,852.	108,752.	92.3	4.37	1.80	6.16	80.2	17.1	2.3	0.4	4.5	70
16:00 - 19:00	111,475.	99,937.	89.6	4.47	2.39	6.87	75.4	20.5	3.4	0.7	6.6	71
19:00 - 22:00	94,889.	89,199.	94.0	5.27	1.79	7.06	73.3	23.1	3.1	0.5	3.8	60
22:00 - 24:00	45,703.	45,849.	100.3	7.37	0.88	8.26	64.8	32.2	2.7	0.3	0.4	65
Locations	652,581.	614,492.	94.2	4.61	1.67	6.28	79.6	17.7	2.2	0.4	4.0	71

Transport for London - QSI Points and Live Mileage List

v2.0 - Mileage directly imported from Caesar

TRANCHE 555

Route W15

Service change 30935

Date 13/12/2014

QSI Points are highlighted.

Reason for Issue

End of temporary diversion due to Palmerston Road Bridge works

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
CGAVFL	BP2540	William Morris School		
BTRDHH	10330	Lawrence Avenue	840	0.52
	10334	Higham Hill Road	189	0.12
	BP1666	Whittingham Primary Academy	241	0.15
	BP1667	St Andrews Road	392	0.24
	BP1668	Hillyfield Primary School	299	0.19
	BP1669	Renness Road	273	0.17
FSTRPR	BP1670	Forest Road	126	0.08
	BP1671	Church Of St Michael & All Angels	344	0.21
	BP1676	Walthamstow Market / High Street	219	0.14
	R0035	Selborne Walk / Vernon Road	323	0.20
	BP4871	Selborne Walk	167	0.10
	BP3899	Walthamstow Central Station	132	0.08
WSTCSN	BP4271	Walthamstow Bus Station	274	0.17
	11481	Grosvenor Park Road	628	0.39
	7962	Grove Road	252	0.16
	7964	Bakers Avenue	196	0.12
LEYTBAE	10468	Lea Bridge Road / Bakers Arms	282	0.18
WHPCRA	14265	Leyton Green Road	276	0.17
	14267	Sherhall Street	191	0.12
	14269	Peterborough Road	244	0.15
	14271	Whipps Cross / Wood Street	216	0.13
WHPCHP	LE239	Whipps Cross Hospital / Main Entrance	574	0.36
	LE238	Whipps Cross Hospital / A & E	378	0.23
	36569	Clare Road	270	0.17
	36567	Peterborough Road	291	0.18
	36565	Essex Road South	309	0.19
	18002	Elim Pentecostal Church	225	0.14
	18000	Clarendon Road	225	0.14
LSTNSP	BP1791	Leytonstone Station / Grove Green Road	369	0.23
LEYTTH	17998	Hampton Road	556	0.35
	17996	Ashville Road	256	0.16
	17994	Central Avenue	256	0.16
	17993	Francis Road	308	0.19
	17992	Leyton High Road / Leyton Station	279	0.17
	BP4373	York Road	183	0.11
	17988	Oliver Road	292	0.18
RUCKTM	17986	Spitalfields Market	448	0.28
	BP3076	Ruckholt Road Bridge	289	0.18
	34395	Hackney Marsh	311	0.19
	29456	Kingsmead Estate	785	0.49
	29453	Marsh Hill	185	0.11
	10260	Glyn Road	304	0.19
	BP3801	Brooksby's Walk / Homerton Station	280	0.17
HMTHHG	BP1818	Homerton Hospital	154	0.10
	18012	Banister House	326	0.20
	17298	Ponsford Street	397	0.25
	17296	Morning Lane / Trelawney Estate	401	0.25
HACKTH	306	Hackney Town Hall	312	0.19
Total Route Mileage - Out Direction			15067	9.36
			Metres	Miles

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
HACKML	34090	Morning Lane / Trelawney Estate		
	17297	Homerton Terrace	294	0.18
	R0427	Fenn Street	306	0.19
	FL005	Homerton Hospital / Homerton Row	131	0.08
HMTHHG	BP2162	Homerton Hospital / Wardle Street	184	0.11
	10261	Glyn Road	445	0.28
	29454	Adley Street	436	0.27
	29455	Kingsmead Estate	142	0.09
	34394	Hackney Marsh	733	0.46
	17985	Ruckholt Road Bridge	267	0.17
RUCKTM	17987	Spitalfields Market	334	0.21
LEYTTH	17989	Oliver Road	389	0.24
	1339	Leyton High Road / Leyton Station	332	0.21
	17991	Francis Road	434	0.27
	17995	Central Avenue	403	0.25
	17999	Hampton Road	493	0.31
	BP2003	Drayton Road	191	0.12
LSTNSP	BP1790	Leytonstone Station / Grove Green Road	400	0.25
	18001	Clarendon Road	335	0.21
	18003	Elim Pentecostal Church	216	0.13
	36564	Essex Road South	305	0.19
	36566	Clare Road	354	0.22
	LE237	Whipps Cross Hospital / A & E	285	0.18
WHPCHP	LE240	Whipps Cross Hospital / Main Entrance	507	0.32
WHPCRA	14274	Whipps Cross Roundabout	291	0.18
	14272	Whipps Cross / Wood Street	203	0.13
	14270	Peterborough Road	269	0.17
	14266	Essex Road	217	0.13
	34357	Leyton Green Road	227	0.14
	7968	Lea Bridge Road / Bakers Arms	535	0.33
LEYTBAH	7966	Hoe Street / Bakers Arms	213	0.13
	7963	Grove Road	337	0.21
	7960	Queen's Road	281	0.17
	R0036	Walthamstow Central Station	361	0.22
WSTCSN	BP4274	Walthamstow Bus Station	120	0.07
	R0034	Selborne Walk	413	0.26
	BP1677	Walthamstow Market / High Street	482	0.30
	BP1678	Church Of St Michael & All Angels	197	0.12
FSTRPR	BP1679	Forest Road	312	0.19
	BP1673	Renness Road	160	0.10
	BP1674	Hillyfield Primary School	253	0.16
	BP1675	St Andrews Road	287	0.18
	BP1723	Whittingham Primary Academy	414	0.26
	BP1672	Billet Road	187	0.12
BTRDHH	10337	Higham Hill Road	62	0.04
CGAVFL	OC470	Higham Hill Cogan Avenue	743	0.46
Total Route Mileage - Back Direction			14480	9.00
			Metres	Miles