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	10.2 metres long and 2.44 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 1.30
	minutes
Extension Threshold	Average Excess Wait Time Threshold - 1.20 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 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 L	ane to	Hackney, Morn	ing Lane, Tesc	o to Cogan			
Hackney, Town	n Hall		Avenue Estate,	Folly Lane				
First departure	no later than 0)450.	First departure no later than 0540.					
0445 - 0520	Every 10 min	utes	0535 - 0630	Every 10 minu	utes			
0521 - 1630	Every 8 min	utes	0631 - 1515	Every 8 minu	utes			
1631 - 1750	Every 8-9 m	inutes	1516 - 2020	Every 8-9 m	inutes			
	(7 buses per l	hour)		(7 buses per l	nour)			
1751 - 1950	Every 10 min	utes	2021 - 2050	Every 10 minu	utes			
1951 - 2105	Every 12 min	utes	2051 - 2115	1 - 2115 Every 12 minutes				
2106 - 0040	Every 15 min	utes	2116 - 0105	Every 15 minu	utes			
Last departure	no earlier than	0035.	Last departure	no earlier than	0100.			
Pinchpoints								
Whipps	0700 - 0900	8 minutes	Leyton,	0700 - 0900	8 minutes			
Cross	1505 - 1640	8 minutes	Bakers Arms,	8 minutes				
Hospital			Hoe Street	1556 - 1635	9 minutes			

3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Cogan Avenue Hackney, Town		ane to	Hackney, Morning Lane, Tesco to Cogan Avenue Estate, Folly Lane					
First departure	no later than C)450.	First departure no later than 0540.					
0445 - 0550	Every 15 mini	utes	0535 - 0640	Every 15 min	utes			
0551 - 0625	Every 12 mini	utes	0641 - 0715	Every 12 min	utes			
0626 - 1905	Every 10 mini	utes	0716 - 2005	Every 10 min	utes			
1906 - 1930	Every 12 mini	utes	2006 - 2030 Every 12 minutes					
1931 - 0040	Every 15 mini	utes	2031 - 0105 Every 15 minutes					
Last departure	no earlier than	0035.	Last departure	no earlier than	0100.			
Pinchpoints								
Whipps	0905 - 1105	10 minutes	Leyton,	0905 - 1105	10 minutes			
Cross			Bakers Arms,					
Hospital			Hoe Street					

3.3) SUNDAY AND PUBLIC HOLIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Cogan Avenue	Estate, Folly L	ane to	Hackney, Morn	ing Lane, Tesc	o to Cogan			
Hackney, Towi	n Hall		Avenue Estate, Folly Lane					
First departure	no later than C	635.	First departure	no later than 0	650.			
0630 - 0650	Every 15 minu	utes	0645 - 0815	Every 15 min	utes			
0651 - 1750	Every 12 minu	utes	0816 - 1925	Every 12 min	utes			
1751 - 0040	Every 15 minu	utes	1926 - 0105 Every 15 minutes					
Last departure	no earlier than	0035.	Last departure	no earlier than	0100.			
Pinchpoints								
Whipps	1020 - 1130	12 minutes	Leyton,	1025 - 1135	12 minutes			
Cross			Bakers Arms,	3akers Arms,				
Hospital			Hoe Street					

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.

<u>HOMERTON HOSPITAL, HOMERTON GROVE, BANISTER HOUSE (from Cogan Avenue Estate)</u>

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.

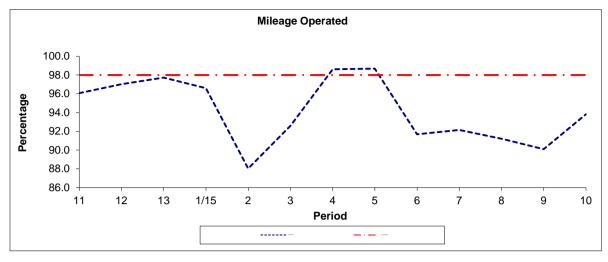
BLIND DISPLAY: Hackney Town Hall.

OTHER INFORMATION: No toilets available - toilet to be provided at Morning

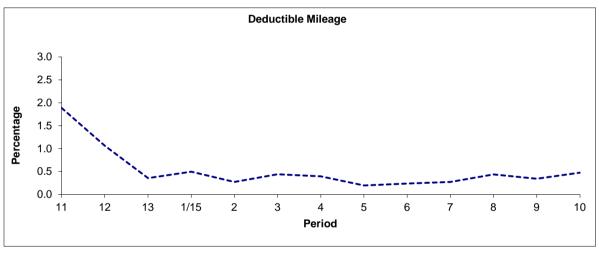
Lane.

PART B - PERFORMANCE STATISTICS

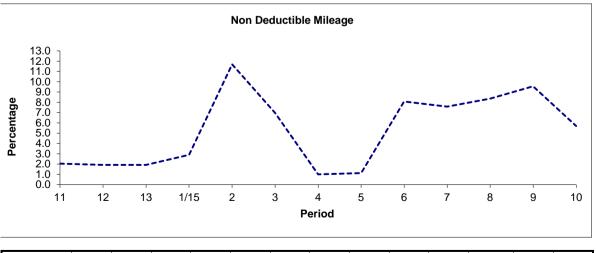
Route W15



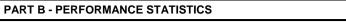
Period	11	12	13	1/15	2	3	4	5	6	7	8	9	10
2014/2015	96.07	97.02	97.72	96.60	88.03	92.58	98.61	98.67	91.67	92.14	91.21	90.10	93.82
Min Standard	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00



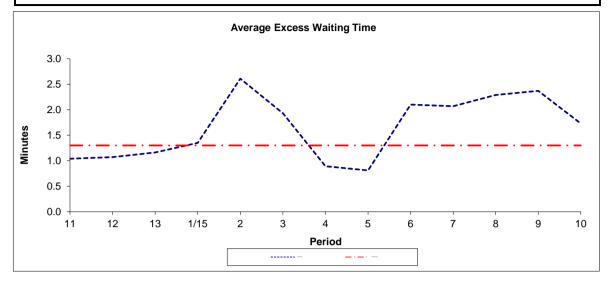
Period	11	12	13	1/15	2	3	4	5	6	7	8	9	10
2014/2015	1.89	1.06	0.36	0.50	0.27	0.44	0.40	0.20	0.24	0.27	0.44	0.34	0.48



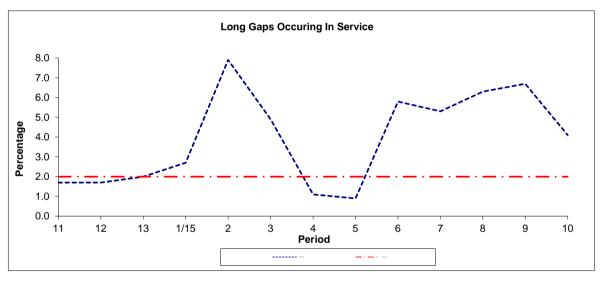
Period	11	12	13	1/15	2	3	4	5	6	7	8	9	10
2014/2015	2.04	1.92	1.92	2.90	11.69	6.98	0.99	1.13	8.09	7.59	8.35	9.56	5.70



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 (%)		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	8.0	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 > 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 > 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 > 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

TRANCHE 555

Route W15

Service change 30935 Date 13/12/2014

Reason for Issue

End of temporary diversion due to Palmerston Road Bridge works

QSI Points are highlighted.

		OUT DIRECTION		
iming Point Code	S top Number	Stop Name	Metres	Miles
CGAVFL	BP 2540	William Morris School		
	10330	Lawrence Avenue	840	0.52
BTRDHH	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
	BP 1676	Walthamstow Market / High Street	219	0.14
	R 0035	Selborne Walk / Vernon Road	323	0.20
	BP 4871	S elborne Walk	167	0.10
	BP3899	Walthamstow Central Station	132	0.08
WSTCSN	BP 4271	Walthamstow Bus Station	274	0.08
WOLCOW.	11481	Grosvenor Park Road	628	0.17
	7962	Grosvenor Park Road Grove Road	252	0.39
	7962	Bakers Avenue	196	0.16
LEYTBAE		Lea Bridge Road / Bakers Arms		
LETIBAE	10468 14265		282 276	0.18
		Leyton Green Road		
	14267	S hernhall S treet	191	0.12
	14269	Peterborough Road	244	0.15
WHPCRA	14271	Whipps Cross / Wood Street	216	0.13
WHPCHP	LE 239	Whipps Cross Hospital / Main Entrance	574	0.36
	LE 238	Whipps Cross Hospital / A & E	378	0.23
	36569	Clare Road	270	0.17
	36567	P eterborough R oad	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
	17998	Hampton Road	556	0.35
	17996	Ashville Road	256	0.16
	17994	C entral Avenue	256	0.16
	17993	Francis Road	308	0.19
LEYTTH	17992	Leyton High Road / Leyton Station	279	0.17
	BP4373	York Road	183	0.11
	17988	Oliver Road	292	0.18
RUCKTM	17986	S pitalfields 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
	300	Trackine, Form Train		0.15
		Total Route Mileage - Out Direction	15067	9.36
			1500,	3.30

HMTHHG RUCKTM LEYTTH	Stop Number 34090 17297 R0427 FL005 BP2162 10261 29454 29455 34394 17985 17987 17989 1339 17991 17995 BP2003 BP1790 18001 18003 36564	Stop Name Morning Lane / Trelawney E state Homerton Terrace Fenn Street Homerton Hospital / Homerton Row Homerton Hospital / Wardle S treet Glyn Road Adley S treet Kingsmead E state Hackney Marsh R uckholt Road Bridge Spitalfields Market Oliver Road Leyton High Road / Leyton S tation Francis Road Central Avenue Hampton Road Drayton Road Leytonstone S tation / Grove Green Road Clarendon Road Elim Pentecostal C hurch	294 306 131 184 445 436 142 733 267 334 403 493 191 400 335 216	0.18 0.19 0.08 0.11 0.28 0.27 0.09 0.46 0.17 0.21 0.24 0.25 0.31 0.12 0.25 0.21
HMTHHG RUCKTM LEYTTH	34090 17297 R0427 FL005 BP2162 10261 29454 29455 34394 17985 17987 17989 1339 17991 17995 17999 BP2003 BP1790 18001 18003	Morning Lane / Trelawney Estate Homerton Terrace Fenn Street Homerton Hospital / Homerton Row Homerton Hospital / Wardle Street Glyn Road Adley Street Kingsmead Estate Hackney Marsh Ruckholt Road Bridge Spitalfields Market Oliver Road Leyton High Road / Leyton Station Francis Road Central Avenue Hampton Road Drayton Road Leytonstone Station / Grove Green Road Clarendon Road Elim Pentecostal Church	306 131 184 445 436 142 733 267 334 389 332 434 403 493 191 400 335 216	0.19 0.08 0.11 0.28 0.27 0.09 0.46 0.17 0.21 0.24 0.21 0.27 0.25 0.31 0.12 0.25
RUCKTM LEYTTH	R 0427 FL005 BP2162 10261 29454 29455 17987 17989 1339 17991 17995 17999 BP2003 BP1790 18001	Fenn Street Homerton Hospital / Homerton Row Homerton Hospital / Wardle Street Glyn Road Adley Street Kingsmead Estate Hackney Marsh Ruckholt Road Bridge Spitalfields Market Oliver Road Leyton High Road / Leyton Station Francis Road Central Avenue Hampton Road Drayton Road Leytonsone Station / Grove Green Road Clarendon Road Elim Pentecostal Church	306 131 184 445 436 142 733 267 334 389 332 434 403 493 191 400 335 216	0.19 0.08 0.11 0.28 0.27 0.09 0.46 0.17 0.21 0.24 0.21 0.27 0.25 0.31 0.12 0.25
RUCKTM LEYTTH	FL005 BP2162 10261 29454 29455 34394 17985 17987 17989 1339 17991 17995 17999 BP2003 BP1790 18001 18003	Homerton Hospital / Homerton Row Homerton Hospital / Wardle S treet Glyn Road Adley S treet Kingsmead E state Hackney Marsh Ruckholt Road Bridge Spitalfields Market Oliver Road Leyton High Road / Leyton S tation Francis Road Central Avenue Hampton Road Drayton Road Leytonstone S tation / Grove Green Road Clarendon Road Elim Pentecostal C hurch	131 184 445 436 142 733 267 334 389 332 434 403 493 191 400 335 216	0.08 0.11 0.28 0.27 0.09 0.46 0.17 0.21 0.24 0.21 0.25 0.31 0.12
RUCKTM LEYTTH	BP2162 10261 29454 29455 34394 17985 17987 17989 1339 17991 17995 17999 BP2003 BP1790 18001 18003	Homerton Hospital / Wardle S treet Glyn Road Adley Street Kingsmead E state Hackney Marsh R uckholt Road Bridge S pitalfields Market Oliver Road Leyton High Road / Leyton Station F rancis Road Central Avenue Hampton Road Drayton Road Leytonstone Station / Grove Green Road Elim Pentecostal C hurch	184 445 436 142 733 267 334 389 332 434 403 493 191 400 335 216	0.11 0.28 0.27 0.09 0.46 0.17 0.21 0.24 0.21 0.27 0.25 0.31 0.12 0.25
RUCKTM LEYTTH	10261 29454 29455 34394 17985 17987 17989 1339 17991 17995 17999 BP 2003 BP 1790 18001 18003	Glyn Road Adley S treet Kingsmead Estate Hackney Marsh R uckholt Road Bridge S pitalfields Market Oliver Road Leyton High Road / Leyton S tation Francis Road Central Avenue Hampton Road Drayton Road Leytonstone S tation / Grove Green Road Clarendon Road Elim Pentecostal C hurch	445 436 142 733 267 334 389 332 434 403 493 191 400 335 216	0.28 0.27 0.09 0.46 0.17 0.21 0.24 0.21 0.27 0.25 0.31 0.12 0.25
LEYTTH	29454 29455 34394 17985 17987 17989 1339 17991 17995 17999 BP 2003 BP 1790 18001 18003	Adley Street Kingsmead Estate Hackney Marsh Ruckholt Road Bridge Spitalfields Market Oliver Road Leyton High Road / Leyton Station Francis Road Central Avenue Hampton Road Drayton Road Leytonstation / Grove Green Road Clarendon Road Elim Pentecostal Church	436 142 733 267 334 389 332 434 403 493 191 400 335 216	0.27 0.09 0.46 0.17 0.21 0.24 0.21 0.27 0.25 0.31 0.12 0.25
LEYTTH	29455 34394 17985 17987 17989 1339 17991 17995 17999 BP 2003 BP 1790 18001 18003	Kingsmead Estate Hackney Marsh Ruckholt Road Bridge Spitalfields Market Oliver Road Leyton High Road / Leyton Station Francis Road Central Avenue Hampton Road Drayton Road Leytonstone Station / Grove Green Road Elim Pentecostal Church	142 733 267 334 389 332 434 403 493 191 400 335 216	0.09 0.46 0.17 0.21 0.24 0.21 0.25 0.31 0.12 0.25 0.21
LEYTTH	34394 17985 17987 17989 1339 17991 17995 17999 BP 2003 BP 1790 18001 18003	Hackney Marsh Ruckholt Road Bridge Spitalfields Market Oliver Road Leyton High Road / Leyton Station Francis Road Central Avenue Hampton Road Drayton Road Leytonstone Station / Grove Green Road Elim Pentecostal Church	733 267 334 389 332 434 403 493 191 400 335 216	0.46 0.17 0.21 0.24 0.21 0.25 0.31 0.12 0.25 0.21
LEYTTH	17985 17987 17989 1339 17991 17995 17999 BP 2003 BP 1790 18001 18003	R uckholt Road Bridge S pitalfields Market Oliver Road Leyton High Road / Leyton Station Francis Road Central Avenue Hampton Road Drayton Road Leytonstone Station / Grove Green Road Elim Pentecostal Church	267 334 389 332 434 403 493 191 400 335 216	0.17 0.21 0.24 0.27 0.25 0.31 0.12 0.25 0.21
LEYTTH	17987 17989 1339 17991 17995 17999 BP 2003 BP 1790 18001 18003	S pitalfields Market Oliver Road Leyton High Road / Leyton Station Francis Road Central Avenue Hampton Road Drayton Road Leytonstone Station / Grove Green Road Clarendon Road Elim Pentecostal Church	334 389 332 434 403 493 191 400 335 216	0.21 0.24 0.21 0.27 0.25 0.31 0.12 0.25 0.25
LEYTTH	17989 1339 17991 17995 17999 BP 2003 BP 1790 18001 18003	S pitalfields Market Oliver Road Leyton High Road / Leyton Station Francis Road Central Avenue Hampton Road Drayton Road Leytonstone Station / Grove Green Road Clarendon Road Elim Pentecostal Church	389 332 434 403 493 191 400 335 216	0.24 0.21 0.27 0.25 0.31 0.12 0.25
LEYTTH	17989 1339 17991 17995 17999 BP 2003 BP 1790 18001 18003	Oliver Road Leyton High Road / Leyton Station Francis Road Central Avenue Hampton Road Drayton Road Leytonstone Station / Grove Green Road Clarendon Road Elim Pentecostal Church	389 332 434 403 493 191 400 335 216	0.24 0.21 0.27 0.25 0.31 0.12 0.25
	17991 17995 17999 BP 2003 BP 1790 18001 18003	Francis Road Central Avenue Hampton Road Drayton Road Leytonstone Station / Grove Green Road Clarendon Road Elim Pentecostal Church	434 403 493 191 400 335 216	0.27 0.25 0.31 0.12 0.25 0.21
	17991 17995 17999 BP 2003 BP 1790 18001 18003	Francis Road Central Avenue Hampton Road Drayton Road Leytonstone Station / Grove Green Road Clarendon Road Elim Pentecostal Church	434 403 493 191 400 335 216	0.27 0.25 0.31 0.12 0.25 0.21
	17995 17999 BP 2003 BP 1790 18001 18003	Central Avenue Hampton Road Drayton Road Leytonstone Station / Grove Green Road Clarendon Road Elim Pentecostal Church	403 493 191 400 335 216	0.25 0.31 0.12 0.25 0.21
	17999 BP 2003 BP 1790 18001 18003	Hampton Road Drayton Road Leytonstone Station / Grove Green Road Clarendon Road Elim Pentecostal Church	493 191 400 335 216	0.31 0.12 0.25 0.21
	BP 2003 BP 1790 18001 18003	Drayton Road Leytonstone Station / Grove Green Road Clarendon Road Elim Pentecostal Church	191 400 335 216	0.12 0.25 0.21
	BP1790 18001 18003	Leytonstone Station / Grove Green Road Clarendon Road Elim Pentecostal Church	400 335 216	0.25 0.21
ESTROI	18001 18003	Clarendon Road Elim Pentecostal Church	335 216	0.21
	18003	Elim Pentecostal Church	216	
		Essex Road South	305	0.19
	36566	Clare Road	354	0.13
	LE 237	Whipps Cross Hospital / A & E	285	0.18
WHPCHP	LE 240	Whipps Cross Hospital / Main Entrance	507	0.18
WHPCRA	14274	Whipps Cross Roundabout	291	0.32
WIIFCKA	14274	Whipps Cross / Wood Street	203	0.13
	14272	" "		0.13
	14270	Essex Road	269 217	0.17
	34357	Leyton Green Road		0.13
	7968		227 535	
		Lea Bridge Road / Bakers Arms		0.33
LEYTBAH	7966	Hoe Street / Bakers Arms	213	0.13
	7963	Grove Road	337	0.21
	7960	Queen's Road	281	0.17
	R 0036	Walthamstow Central Station	361	0.22
WSTCSN	BP4274	Walthamstow Bus Station	120	0.07
	R 0034	S elborne Walk	413	0.26
	BP1677	Walthamstow Market / High S treet	482	0.30
	BP1678	Church Of St Michael & All Angels	197	0.12
	BP 1679	Forest Road	312	0.19
	BP1673	Renness Road	160	0.10
	BP1674	Hillyfield Primary School	253	0.16
	BP1675	S t 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	OC 470	Higham Hill Cogan Avenue	743	0.46

Total Route Mileage - Back Direction

9.00