

## 7. Service Specification

Route: W14

Contract Reference: QC55504

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.

<b>Terminus Points</b>	Woodford Bridge, Manor Road to Leyton, Asda
<b>Contract Basis</b>	Incentivised
<b>Commencement Date</b>	25 <sup>th</sup> February 2017
<b>Vehicle Type</b>	60 capacity, dual door, single deck, minimum 10.8m long
<b>Current Maximum Approved Dimensions</b>	10.8 metres long and 2.44 metres wide
<b>New Vehicles Mandatory</b>	Yes
<b>Hybrid Price Required</b>	Yes
<b>Sponsored Route</b>	No
<b>Advertising Rights</b>	Operator
<b>Minimum Performance Standard</b>	Departing on Time - No less than 78.00%
<b>Extension Threshold</b>	Departing on Time Threshold - 81.00%
<b>Minimum Operated Mileage Standard</b>	No less than 98.00%

The Date of Tender for this ITT is:

No later than 12 Noon on Monday 11<sup>th</sup> 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. W14.

Tenderers should note that the following alterations (subject to consultation) are proposed as part of this Service Specification for introduction with the new Route Agreement:

- 60 capacity, dual door, single deck, minimum 10.8m long buses are specified.

### **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

Woodford Bridge, Manor Road to Leyton, Asda			Leyton, Asda to Woodford Bridge, Manor Road		
First departure no later than 0535.			First departure no later than 0535.		
0530 - 0615	Every 20 minutes		0530 - 0615	Every 20 minutes	
0616 - 1920	Every 15 minutes		0616 - 1940	Every 15 minutes	
1921 - 0005	Every 20 minutes		1941 - 0025	Every 20 minutes	
Last departure no earlier than 2400.			Last departure no earlier than 0020.		
<b>Pinchpoints</b>					
Leytonstone Station, Bus Station	0700 - 0915	15 minutes	South Woodford Station, Cowslip Road	0700 - 0915	15 minutes
	1505 - 1635	15 minutes		1510 - 1640	15 minutes

#### 3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Woodford Bridge, Manor Road to Leyton, Asda		Leyton, Asda to Woodford Bridge, Manor Road			
First departure no later than 0535.		First departure no later than 0535.			
0530 - 0605	Every 30 minutes	0530 - 0705	Every 30 minutes		
0606 - 0905	Every 20 minutes	0706 - 0805	Every 20 minutes		
0906 - 1940	Every 15 minutes	0806 - 2000	Every 15 minutes		
1941 - 0005	Every 20 minutes	2001 - 0025	Every 20 minutes		
Last departure no earlier than 2400.		Last departure no earlier than 0020.			
<b>Pinchpoints</b>					
Leytonstone Station, Bus Station	0935 - 1120	15 minutes	South Woodford Station, Cowslip Road	0840 - 1055	15 minutes

#### 3.3) SUNDAY AND PUBLIC HOLIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Woodford Bridge, Manor Road to Leyton, Asda			Leyton, Asda to Woodford Bridge, Manor Road		
First departure no later than 0650.			First departure no later than 0710.		
0645 - 0920	Every 30 minutes		0705 - 0910	Every 30 minutes	
0921 - 0005	Every 20 minutes		0911 - 0025	Every 20 minutes	
Last departure no earlier than 2400.			Last departure no earlier than 0020.		
<b>Pinchpoints</b>					
Leytonstone Station, Bus Station	0945 - 1145	20 minutes	South Woodford Station, Cowslip Road	1000 - 1140	20 minutes

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

**4) OPERATIONAL CONSIDERATIONS**

- 4.1) Route No. W14 can suffer from unpredictable traffic delays in the Leytonstone area, particularly during peak periods.
- 4.2) Route No. W14 serves a number of schools, including Woodbridge High School, which are planned for expansion. This may increase demand on Route No. W14.

**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 W14: Woodford Bridge - Leyton, Asda**

**Date of Structural Change:** 25 February 2017.

**Date of Service Change:** 25 February 2017.

**Reason for Issue:** New Tender.

#### **STREETS TRAVERSED**

**Towards Leyton, Asda:** Manor Road, Chigwell Road, Roding Lane North, Green Walk, Chigwell Road, Broadmead Road, St Barnabas Road, Latchett Road, Maybank Road, Southend Road, Charlie Brown's Roundabout, Chigwell Road, George Lane, Mulberry Way, The Viaduct, George Lane, Woodford Green High Road, Woodford Road, Hollybush Hill, Snaresbrook High Street, Wanstead High Street, Cambridge Park, Cambridge Road, Hollybush Hill, Green Man Roundabout, Leytonstone High Road, Gainsborough Road, Lemna Road, Kirkdale Road, Leytonstone Bus Station, Church Lane, Leytonstone High Road, Cathall Road, Grove Green Road, Alexandra Road, York Road, Ruckholt Road, Marshall Road, Asda Access Road.

**Towards Woodford Bridge:** Asda Access Road, Circumnavigate Roundabout, Asda Access Road, Marshall Road, Orient Way, Ruckholt Road, Warren Road, Francis Road, Grove Green Road, Cathall Road, Leytonstone High Road, Green Man Roundabout, Cambridge Park, Wanstead High Street, Snaresbrook High Street, Hollybush Hill, Woodford Road, Woodford Green High Road, George Lane, The Shrubberies, The Viaduct, Mulberry Way, Daisy Road, Cowslip Road, George Lane, Chigwell Road, Charlie Brown's Roundabout, Chigwell Road, Maybank Road, Gordon Road, St Barnabas Road, Broadmead Road, Chigwell Road, Cross Road, Manor 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.

### **WOODFORD BRIDGE, MANOR ROAD**

Public stand for one bus on south side of Manor Road at rear of bus bay, commencing 15 metres west of Chapelmount Road and extending 15 metres east.

Buses proceed from Manor Road direct to stand, departing to Manor Road. Set down in Manor Road (33768 - Cross Road, Last Stop on LOR: 33768 - Cross Road) and pick up in Manor Road (33768 - Cross Road, First Stop on LOR: 33768 - Cross Road).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 1 bus on Route W14 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:	Woodford Bridge.
OTHER INFORMATION:	No toilet facilities available.

### **CHARLIE BROWN'S ROUNDABOUT (from LEYTON, ASDA)**

Buses proceed from Chigwell Road via Charlie Brown's Roundabout departing to Chigwell Road. Set down in Chigwell Road, at stop D (R0499 - Charlie Brown's Roundabout, Last Stop on LOR: R0499 - Charlie Brown's Roundabout) and pick up in Chigwell Road, at stop M (R0498 - Southend Road, First Stop on LOR: R0498 - Southend Road).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	<b>Turning Point Only - Buses must not stand</b>
BLIND DISPLAY:	Charlie Brown's Roundabout.

## **SOUTH WOODFORD, MULBERRY WAY**

Public stand for two buses facing west in bus-only link road between Mulberry Way and Primrose Road.

### From Leyton, Asda.

Buses proceed from Cowslip Road via George Lane, Mulberry Way and Bus Standing Area to stand, departing via Bus Standing Area, Primrose Road, Mulberry Way, Daisy Road and Cowslip Road to George Lane. Set down in Cowslip Road, at Stop C (29463 - South Woodford Station <>, Last Stop on LOR: 29463 - South Woodford Station <>) and pick up in George Lane, at Stop D (35174 - South Woodford Station <>, First Stop on LOR: 35174 - South Woodford Station <>).

### From Woodford Bridge.

Buses proceed from George Lane via Mulberry Way and Bus Standing Area to stand, departing via Bus Standing Area, Primrose Road, Mulberry Way and Daisy Road to Cowslip Road. Set down in George Lane, at Stop D (35174 - South Woodford Station <>, Last Stop on LOR: 35174 - South Woodford Station <>) and pick up in Cowslip Road, at Stop C (29463 - South Woodford Station <>, First Stop on LOR: 29463 - South Woodford 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:	South Woodford.

## **WANSTEAD, WOODBINE PLACE**

### From Leyton, Asda.

Buses proceed from Cambridge Park via Wanstead High Street and Woodbine Place departing to Wanstead High Street. Set down in Cambridge Park, at Stop B (9326 - Wanstead Station <>, Last Stop on LOR: 9326 - Wanstead Station <>) and pick up in Wanstead High Street, at Stop D (15555 - Wanstead High St / Wanstead Station <>, First Stop on LOR: 15555 - Wanstead High St / Wanstead Station <>).

### From Woodford Bridge.

Buses proceed from Wanstead High Street via Woodbine Place departing to Wanstead High Street. Set down in Wanstead High Street, at Stop SE (15553 - Wanstead Place, Last Stop on LOR: 15553 - Wanstead Place) and pick up in Wanstead High Street, at Stop SH (15552 - Wanstead Place, First Stop on LOR: 15552 - Wanstead Place).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	<b>Turning Point Only - Buses must not stand</b>
BLIND DISPLAY:	Wanstead.

## **GREEN MAN ROUNDABOUT**

### From Leyton, Asda.

Buses proceed from Leytonstone High Road via Green Man Roundabout departing to Leytonstone High Road. Set down in Leytonstone High Road, at stop N (14565 - Green Man Roundabout, Last Stop on LOR: 14565 - Green Man Roundabout) and pick up in Leytonstone High Road, at stop P (R0024 - Green Man Roundabout, First Stop on LOR: R0024 - Green Man Roundabout).

### From Woodford Bridge.

Buses proceed from Cambridge Road via Hollybush Hill and Green Man Roundabout departing to Cambridge Park. Set down in Cambridge Road, at stop J (BP2067 - Cambridge Road, Last Stop on LOR: BP2067 - Cambridge Road) and pick up in Cambridge Park, at stop H (14706 - Cambridge Road, First Stop on LOR: 14706 - Cambridge Road).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	<b>Turning Point Only - Buses must not stand</b>
BLIND DISPLAY:	Green Man Roundabout.

## **LEYTONSTONE BUS STATION**

Private stand for five buses in bus station on north side of Kirkdale Road.

### From Leyton, Asda.

Buses proceed from Leytonstone High Road via Gainsborough Road, Lemna Road, Kirkdale Road and Leytonstone Bus Station to stand, departing to Leytonstone Bus Station. Set down in Leytonstone High Road, at Stop M (BP2754 - Kirkdale Road, Last Stop on LOR: BP2754 - Kirkdale Road) and pick up in Leytonstone Bus Station, at Stop W (BP1543 - Leytonstone Station <>, First Stop on LOR: BP1543 - Leytonstone Station <>).

### From Woodford Bridge.

Buses proceed from Leytonstone Bus Station direct to stand, departing via Leytonstone Bus Station and Church Lane to Leytonstone High Road. Set down in Leytonstone Bus Station, at Alighting Point X (BP1543 - Leytonstone Station <>, Last Stop on LOR: BP1543 - Leytonstone Station <>) and pick up in Leytonstone High Road, at Stop M (BP2754 - Kirkdale Road, First Stop on LOR: BP2754 - Kirkdale 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.

### **LEYTONSTONE, HARROW GREEN (from Woodford Bridge)**

Public stand for one bus on east side (offside) of Harrow Green (northern arm), commencing 25 metres north of Harrow Road.

Buses proceed from Leytonstone High Road via Harrow Green to stand, departing via Leytonstone High Road and Harrow Green to Leytonstone High Road. Set down in Leytonstone High Road, at Stop N (BP3598 - Harrow Road, Last Stop on LOR: BP3598 - Harrow Road) and pick up in Leytonstone High Road, at Stop L (FL009 - West Street, First Stop on LOR: FL009 - West 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:	Leytonstone, Harrow Green.

### **LEYTON, TOWN HALL (from Woodford Bridge)**

Buses proceed from Grove Green Road via High Road Leyton departing 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 D (1339 - Leyton High Road / Leyton Station <>, First Stop on LOR: 1339 - Leyton High Road / Leyton Station <>).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	<b>Turning Point Only - Buses must not stand</b>
BLIND DISPLAY:	Leyton.

### **LEYTON, ASDA**

Private stand for one bus in Asda Access Road commencing 40 metres west of entrance to Asda Store and extending 15 metres west.

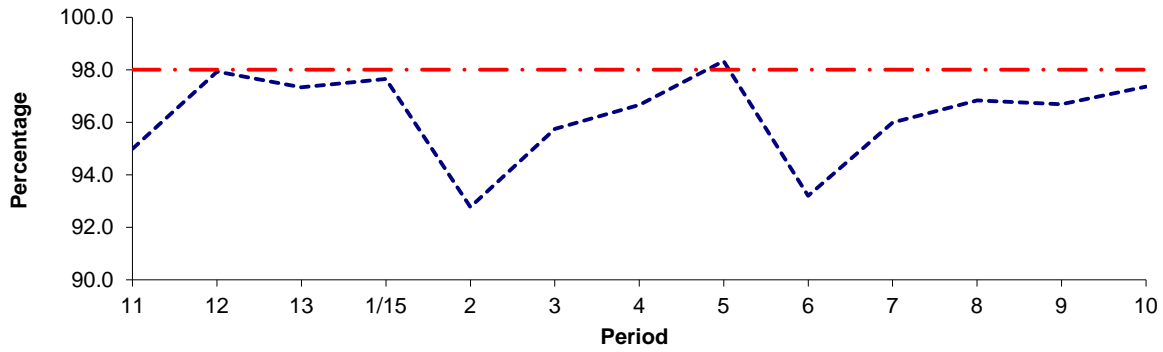
Buses proceed from Asda Access Road direct to stand, departing to Asda Access Road. Set down in Asda Access Road, at stop F (BP4526 - Leyton Mills, Last Stop on LOR: BP4526 - Leyton Mills) and pick up in Asda Access Road, at stop F (BP4526 - Leyton Mills, First Stop on LOR: BP4526 - Leyton Mills).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 1 bus on Route W14 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:	Leyton, Superstores.

## PART B - PERFORMANCE STATISTICS

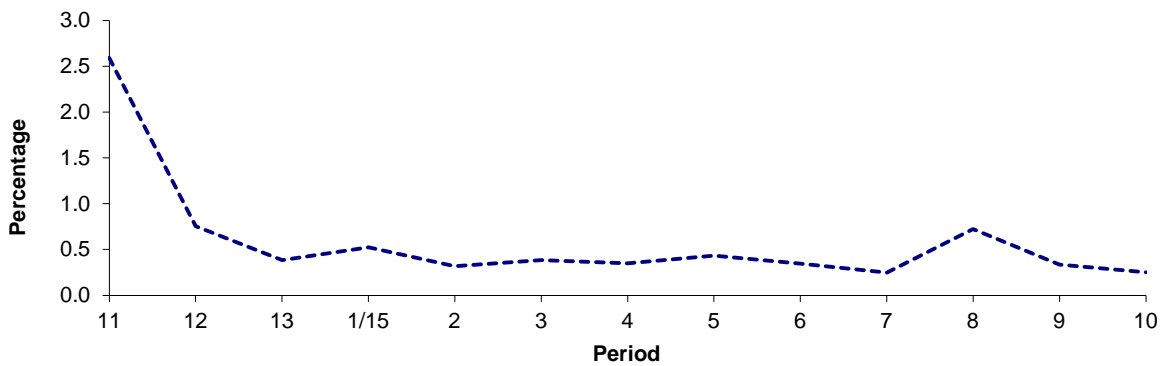
### Route W14

**Mileage Operated**



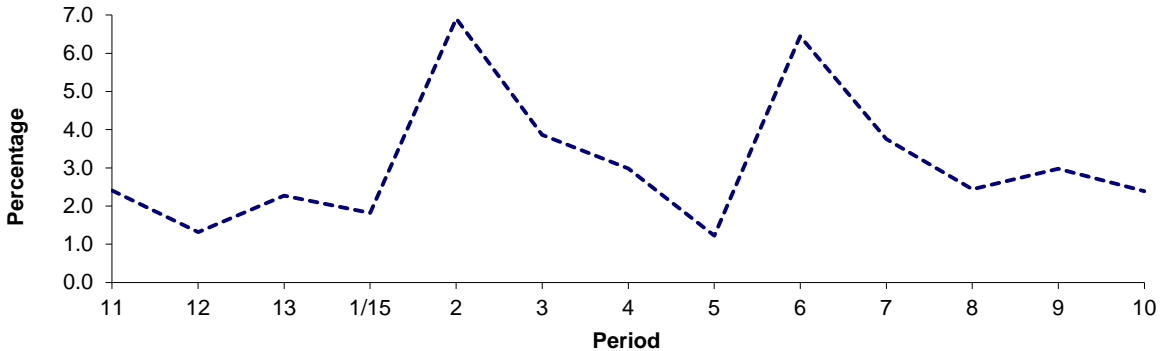
Period	11	12	13	1/15	2	3	4	5	6	7	8	9	10
2014/2015	95.00	97.93	97.34	97.66	92.78	95.75	96.67	98.34	93.21	95.99	96.84	96.69	97.36
Min Standard	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00

**Deductible Mileage**



Period	11	12	13	1/15	2	3	4	5	6	7	8	9	10
2014/2015	2.59	0.75	0.38	0.52	0.32	0.38	0.35	0.43	0.35	0.25	0.72	0.34	0.25

**Non Deductible Mileage**

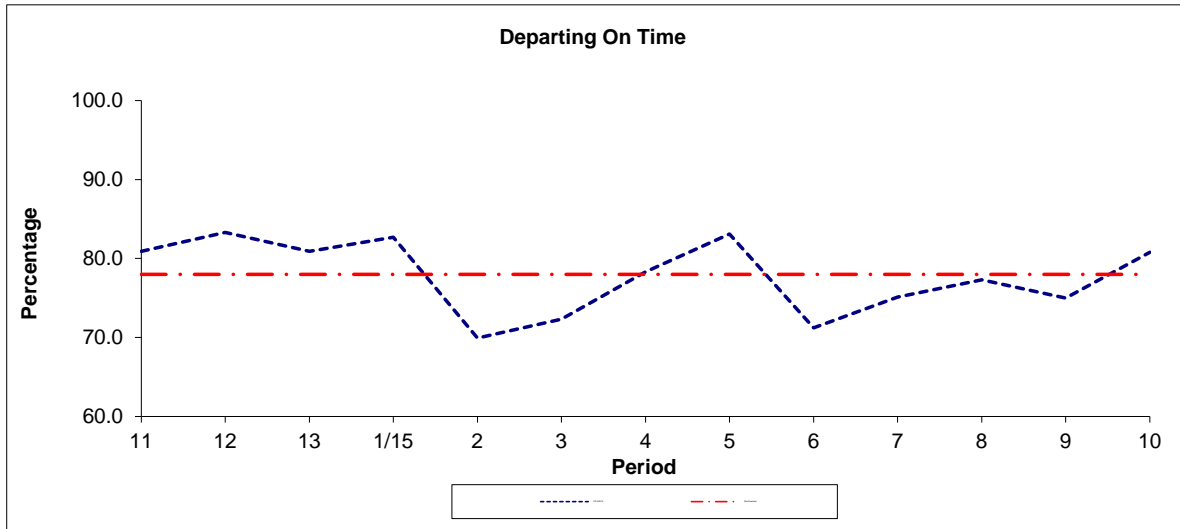


Period	11	12	13	1/15	2	3	4	5	6	7	8	9	10
2014/2015	2.41	1.31	2.27	1.82	6.91	3.87	2.98	1.23	6.44	3.76	2.44	2.97	2.39

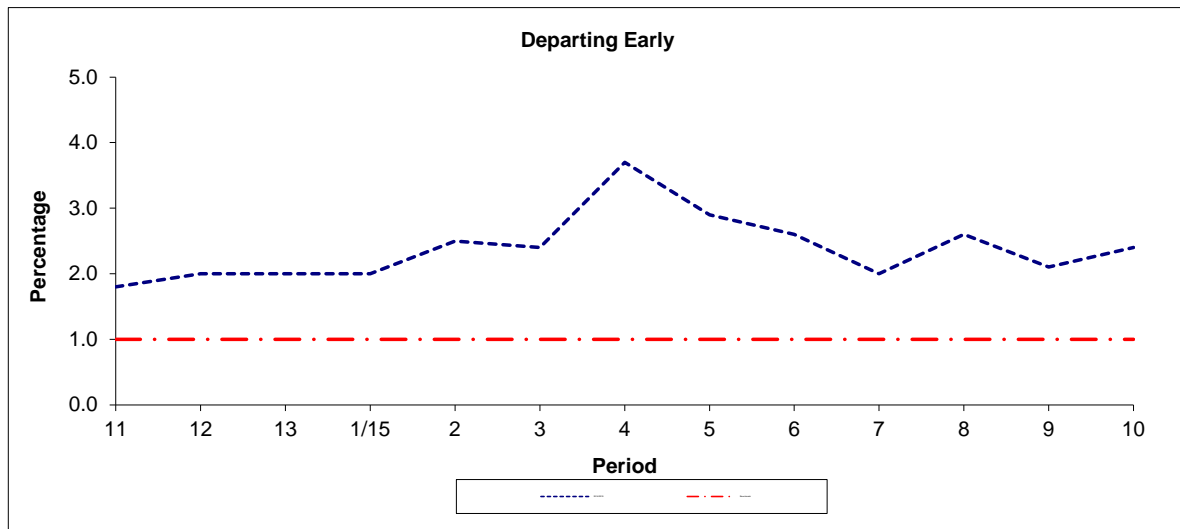
**Note :** Mileage is based on 4 weeks data  
Deductible Mileage was adversely affected by industrial action in periods 11 and 12 14/15.

## PART B - PERFORMANCE STATISTICS

### Route W14



Period	11	12	13	1/15	2	3	4	5	6	7	8	9	10
2014/2015	80.9	83.3	80.9	82.7	69.9	72.3	78.3	83.1	71.2	75.1	77.3	75.0	80.8
Min Standard	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0



Period	11	12	13	1/15	2	3	4	5	6	7	8	9	10
2014/2015	1.8	2.0	2.0	2.0	2.5	2.4	3.7	2.9	2.6	2.0	2.6	2.1	2.4
Benchmark	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

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

**ROUTE W14 - 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 (%)	Linked Buses (%)	On Time (%)	Non Arrival / Not Linked (%)	Early (%)	Late (%)
05:00 - 07:00	13,905.	13,728.	98.7	98.5	93.1	1.5	0.8	4.6
07:00 - 10:00	36,770.	35,025.	95.3	94.3	78.5	5.9	2.8	12.8
10:00 - 13:00	36,007.	34,474.	95.7	95.4	80.0	4.7	1.3	14.0
13:00 - 16:00	35,882.	34,701.	96.7	94.8	76.3	5.5	1.9	16.3
16:00 - 19:00	34,386.	32,334.	94.0	90.2	67.8	10.1	2.8	19.3
19:00 - 22:00	29,369.	28,395.	96.7	94.0	75.9	6.7	2.5	14.8
22:00 - 24:00	17,741.	17,736.	100.0	99.0	92.0	1.1	2.6	4.3
<b>All Locations</b>	<b>204,060.</b>	<b>196,393.</b>	<b>96.2</b>	<b>94.5</b>	<b>76.6</b>	<b>6.4</b>	<b>2.3</b>	<b>14.8</b>

**SATURDAY**

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	Linked Buses (%)	On Time (%)	Non Arrival / Not Linked (%)	Early (%)	Late (%)
05:00 - 07:00	1,944.	1,892.	97.3	98.3	94.0	1.6	1.3	3.1
07:00 - 10:00	6,376.	6,279.	98.5	99.0	90.6	1.1	0.8	7.5
10:00 - 13:00	7,462.	7,120.	95.4	93.8	73.6	6.6	2.2	17.6
13:00 - 16:00	7,374.	6,637.	90.0	85.9	61.9	14.5	2.4	21.2
16:00 - 19:00	7,508.	7,236.	96.4	94.2	75.6	6.2	2.7	15.5
19:00 - 22:00	6,377.	6,269.	98.3	96.5	81.6	3.8	2.1	12.5
22:00 - 24:00	3,794.	3,775.	99.5	99.1	89.4	1.0	2.3	7.2
<b>All Locations</b>	<b>40,835.</b>	<b>39,208.</b>	<b>96.0</b>	<b>94.4</b>	<b>75.6</b>	<b>7.0</b>	<b>2.2</b>	<b>15.2</b>

**SUNDAY AND BANK HOLIDAYS**

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	Linked Buses (%)	On Time (%)	Non Arrival / Not Linked (%)	Early (%)	Late (%)
05:00 - 07:00	154.	176.	114.3	98.7	94.8	1.0	0.0	4.2
07:00 - 10:00	4,483.	4,405.	98.3	98.5	91.8	1.4	0.9	5.9
10:00 - 13:00	6,340.	6,243.	98.5	98.0	81.1	2.1	1.5	15.3
13:00 - 16:00	6,221.	6,235.	100.2	97.8	84.3	2.3	4.6	8.8
16:00 - 19:00	6,704.	6,591.	98.3	99.0	89.7	1.0	6.7	2.6
19:00 - 22:00	6,524.	6,504.	99.7	99.5	92.1	0.5	2.5	4.9
22:00 - 24:00	4,249.	4,246.	99.9	99.2	92.7	0.8	3.1	3.4
<b>All Locations</b>	<b>34,675.</b>	<b>34,400.</b>	<b>99.2</b>	<b>98.7</b>	<b>87.3</b>	<b>1.5</b>	<b>3.6</b>	<b>7.6</b>

**ALL DAYS**

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	Linked Buses (%)	On Time (%)	Non Arrival / Not Linked (%)	Early (%)	Late (%)
05:00 - 07:00	16,003.	15,796.	98.7	98.5	93.3	1.4	0.8	4.5
07:00 - 10:00	47,629.	45,709.	96.0	95.3	80.1	5.3	2.5	12.0
10:00 - 13:00	49,809.	47,837.	96.0	95.5	79.1	4.7	1.4	14.7
13:00 - 16:00	49,477.	47,573.	96.2	93.8	75.2	6.4	2.3	16.1
16:00 - 19:00	48,598.	46,161.	95.0	92.0	70.9	8.7	3.2	17.2
19:00 - 22:00	42,270.	41,168.	97.4	95.2	78.6	5.6	2.5	13.3
22:00 - 24:00	25,784.	25,757.	99.9	99.0	91.7	1.0	2.6	4.7
<b>All Locations</b>	<b>279,570.</b>	<b>270,001.</b>	<b>96.6</b>	<b>95.0</b>	<b>77.5</b>	<b>5.9</b>	<b>2.4</b>	<b>14.2</b>

Transport for London - QSI Points and Live Mileage List

v2.0 - Mileage directly imported from Caesar

TRANCHE 555

Route W14  
Service change 26150  
Date 25/02/2012  
QSI Points are highlighted.

Reason for Issue

New Contract

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
WDFBMR	33768	Cross Road		
	15489	Roding Lane North	459	0.29
	15491	Ashton Playing Fields	319	0.20
	14765	Beaumaris Drive	592	0.37
	BP2504	Chigwell Road	224	0.14
BRMDOE	BP2505	Orchard Estate	315	0.20
	29225	Broadmead Road	350	0.22
	29255	Wansford Road	240	0.15
	29227	Gordon Road	210	0.13
	29228	Latchett Road	199	0.12
	R0498	Southend Road	740	0.46
	35167	Onslow Gardens	241	0.15
	15500	George Lane / Hermon Hill	294	0.18
	35174	South Woodford Station	210	0.13
	35965	George Lane Shopping Centre	531	0.33
	15544	George Lane	249	0.15
	27855	Bedford Road	341	0.21
	555	Clarendon Road	237	0.15
	15547	Beechwood Park	301	0.19
	4557	Snaresbrook Road	297	0.18
	20987	Snaresbrook Station	395	0.25
	15551	High Street / Hermon Hill	153	0.10
	15553	Wanstead Place	283	0.18
	15555	Wanstead High St / Wanstead Station	161	0.10
	2998	Wanstead Station/George Green	259	0.16
WANS5N	14707	Highstone Avenue	372	0.23
	BP2067	Cambridge Road	145	0.09
	R0024	Green Man Roundabout	724	0.45
LSTNBS	BP1543	Leytonstone Station	566	0.35
	14561	Harvey Road	326	0.20
	14557	Michael Road	178	0.11
	3211	Leytonstone High Road Station	255	0.16
	14551	Leytonstone Fire Station	377	0.23
	BP3598	Harrow Road	201	0.12
	BP2565	Apollo Place	224	0.14
	BP2566	Hollydown Way	207	0.13
	17993	Francis Road	451	0.28
	17992	Leyton High Road / Leyton Station	279	0.17
LEYTTH	BP4373	York Road	183	0.11
	17988	Oliver Road	292	0.18
LEYTAS	BP4526	Leyton Mills	600	0.37
Total Route Mileage - Out Direction			12980	8.07
			Metres	Miles

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
LEYTAS	BP4526	Leyton Mills		
	17989	Oliver Road	1080	0.67
LEYTTH	1339	Leyton High Road / Leyton Station	332	0.21
	17991	Francis Road	434	0.27
	BP5521	Cathall Leisure Centre	540	0.34
	FL009	West Street	426	0.26
	14550	Leytonstone Fire Station	190	0.12
	R0022	Leytonstone High Road Station	230	0.14
LSTNHR	14556	Vernon Road	282	0.18
	14560	Harvey Road	256	0.16
	BP2754	Kirkdale Road	207	0.13
	14565	Green Man Roundabout	234	0.15
	14706	Cambridge Road	682	0.42
	14708	Blake Hall Road	191	0.12
WANS5N	9326	Wanstead Station	393	0.24
	15552	Wanstead Place	419	0.26
	20986	Snaresbrook Station	445	0.28
	20985	Snaresbrook Road	389	0.24
	15546	Beechwood Park	316	0.20
	15545	Clarendon Road	340	0.21
	27854	Bedford Road	224	0.14
	BP1267	George Lane	210	0.13
	35966	George Lane Shopping Centre	283	0.18
	29463	South Woodford Station	691	0.43
SWFSCR	15501	Chigwell Road	188	0.12
	35166	Onslow Gardens	221	0.14
	R0499	Southend Road	362	0.22
	35170	Raven Road	358	0.22
	15496	Maybank Road	319	0.20
	29224	Gordon Road	389	0.24
	29254	Wansford Road	226	0.14
	29226	Broadmead Road	260	0.16
BRMDOE	BP2506	Orchard Estate	451	0.28
	15493	Broadmead Road	325	0.20
	15492	Beaumaris Drive	236	0.15
	15490	Snakes Lane East	206	0.13
	BP1649	Ashton Playing Fields	192	0.12
	15488	Manor Road	426	0.26
	33767	Love Lane	284	0.18
	33768	Cross Road	248	0.15
Total Route Mileage - Back Direction			13485	8.38
			Metres	Miles