

## 7. Service Specification

Route: EL2

Contract Reference: QC55210

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>	Becontree Heath and Dagenham Dock Station
<b>Contract Basis</b>	Incentivised
<b>Commencement Date</b>	18 <sup>th</sup> February 2017
<b>Vehicle Type</b>	<b>Option 1:</b> 87 capacity, dual door, diesel double deck, subject to a satisfactory route test <b>Option 2:</b> 87 capacity, dual door, hybrid double deck, subject to a satisfactory route test <b>Option 3:</b> New Routemaster (NRM) with one person operation (OPO) (see attached letter), subject to a satisfactory route test
<b>Current Maximum Approved Dimensions</b>	10.4 metres long and 2.55 metres wide
<b>New Vehicles Mandatory</b>	Yes
<b>Hybrid Price Required</b>	Yes
<b>Sponsored Route</b>	No
<b>Advertising Rights</b>	<b>TfL and See Section 2 for further information</b>
<b>Minimum Performance Standard</b>	Average Excess Wait Time - No more than 0.70 minutes
<b>Extension Threshold</b>	Average Excess Wait Time Threshold - 0.65 minutes
<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 4<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) MINI SERVICE SPEC - ROUTE SPECIFICATION INFORMATION
- 2) NOTES
- 3) SCHEDULE REQUIREMENTS & PINCHPOINTS
- 4) OPERATIONAL CONSIDERATIONS
- 5) IBUS MILEAGE & QSI POINTS

## 2) NOTES

### **Proposed Changes:**

At this time, the Corporation expects to implement a change to the existing service prior to the commencement of the new Route Agreement for Route No. EL2.

- Mondays to Fridays daytime frequencies are increased from every 10 minutes to every 8 minutes.
- All evenings and Sundays daytime frequencies are increased from every 20 minutes to every 15 minutes.
- Route No. EL2 is re-structured to operate between Becontree Heath and Dagenham Dock Station.
- The section of routeing between Ilford Hill and Fanshawe Avenue is withdrawn.
- Buses will stand at Becontree Heath Bus Station - Private stand for 4 buses standing abreast in marked bays in bus station on south side of Wood Lane. No more than 2 buses should be scheduled to stand at any one time. Toilet facilities are available 24 hours a day.
- Departures ex Becontree Heath, Wood Lane, Ship & Anchor are back projected from Barking Station.
- **Please see Section 5 for a full list of streets traversed and standing arrangements.**

Tenderers should note that there are no changes proposed as part of this Service Specification for Route No. EL2.

- Route Nos. EL1 & NEL1 and EL2 are contracted separately. A specification for Route No. EL1 & NEL1 has been issued as part of Tranche 552.

### **Three vehicle options specified:**

#### **Option 1**

- 87 capacity, dual door, diesel double deck buses is specified, subject to a satisfactory route test.

#### **Option 2**

- 87 capacity, dual door, hybrid double deck buses is specified, subject to a satisfactory route test.

#### **Option 3**

- New Routemaster (NRM) with one person operation (OPO) (see attached letter), subject to a satisfactory route test
- Buses will have the standard NRM interior, but with additional external branding. TfL will fund the initial installation of the external vinyls and any overall refresh, the operator will be responsible for the ongoing maintenance of the branding

**Proposed Changes – continued:**

**Option 1 & 2**

- Buses will carry specific internal and external branding, expected to be broadly similar to that currently in use - ie vinyl branding on top of a base red paint on the outside, and a TfL specified pallet for internal surfaces, handpoles and seats.
- The buses are expected to be route-bound to the ELT route(s) operated by the successful Tenderer and the resources should be planned accordingly.
- TfL will fund the initial installation of the external vinyls and any overall refresh, the Operator will be responsible for the ongoing maintenance of the branding.
- It is anticipated that the cost of using the TfL pallet on the interior (including moquette) will be the same as a standard bus given the total volumes required, however tenderers should identify any additional costs within the tender.
- Tenderers are also asked to provide a separate cost for the provision of USB charging points at all seats

**Options 1, 2 & 3**

TfL retains the internal and external advertising rights to the contracted vehicles on all options.

**Tenderers are also encouraged to offer two axle vehicles with a longer wheelbase and increased capacity, subject to route constraints. Tenders offering such vehicles will be welcomed and carefully considered by the Corporation. Triaxle vehicles are not being considered by the Corporation at this time.**

**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.**
- 4. Annual NRM price with one person operation (OPO) at all times.**

### 3) SCHEDULE REQUIREMENTS & PINCHPOINTS

#### 3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Becontree Heath, Wood Lane, Ship & Anchor to Dagenham Dock Station		Dagenham Dock Station to Becontree Heath Bus Station			
First departure no later than 0510.		First departure no later than 0510.			
0505 - 0610	Every 20 minutes	0505 - 0530	Every 20 minutes		
0611 - 0640	Every 15 minutes	0531 - 0615	Every 15 minutes		
0641 - 1840	Every 8 minutes	0616 - 1850	Every 8 minutes		
1841 - 1940	Every 12 minutes	1851 - 1950	Every 12 minutes		
1941 - 2400	Every 15 minutes	1951 - 0040	Every 15 minutes		
Last departure no earlier than 2355.		Last departure no earlier than 0035.			
<b>Pinchpoints</b>					
River Road, Barking By-Pass	0705 - 0905	8 minutes	Barking Station	0705 - 0905	8 minutes
	1500 - 1640	8 minutes		1505 - 1635	8 minutes

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

Becontree Heath, Wood Lane, Ship & Anchor to Dagenham Dock Station		Dagenham Dock Station to Becontree Heath Bus Station			
First departure no later than 0510.		First departure no later than 0510.			
0505 - 0730	Every 20 minutes	0505 - 0650	Every 20 minutes		
0731 - 0830	Every 15 minutes	0651 - 0750	Every 15 minutes		
0831 - 1830	Every 10 minutes	0751 - 1830	Every 10 minutes		
1831 - 1940	Every 12 minutes	1831 - 1850	Every 12 minutes		
1941 - 2400	Every 15 minutes	1851 - 0040	Every 15 minutes		
Last departure no earlier than 2355.		Last departure no earlier than 0035.			
<b>Pinchpoints</b>					
River Road, Barking By-Pass	0905 - 1105	10 minutes	Barking Station	0900 - 1100	10 minutes

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

Becontree Heath, Wood Lane, Ship & Anchor to Dagenham Dock Station		Dagenham Dock Station to Becontree Heath Bus Station			
First departure no later than 0510.		First departure no later than 0510.			
0505 - 0810	Every 30 minutes	0505 - 0845	Every 30 minutes		
0811 - 0910	Every 20 minutes	0846 - 0905	Every 20 minutes		
0911 - 2400	Every 15 minutes	0906 - 0040	Every 15 minutes		
Last departure no earlier than 2355.		Last departure no earlier than 0035.			
<b>Pinchpoints</b>					
River Road, Barking By-Pass	1010 - 1140	15 minutes	Barking Station	1010 - 1140	15 minutes

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

**4) OPERATIONAL CONSIDERATIONS**

- 4.1) The Barking Riverside development at Barking Reach will be ongoing over the next 10-20 years, including a significant number of new homes, a new district centre, school and other facilities. This will affect demand on the route.
- 4.2) Route No. EL2 can suffer from unpredictable traffic delays in the Barking Station area.

**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 EL2: Becontree Heath - Dagenham Dock Station

**Date of Structural Change:** 18 February 2017.

**Date of Service Change:** 18 February 2017.

**Reason for Issue:** New Tender.

### STREETS TRAVERSED

**Towards Dagenham Dock Station:** Wood Lane, Longbridge Road, Station Parade, Ripple Road, Movers Lane, River Road, Bastable Avenue, Bastable Avenue Bus-Only Slip Road, Bastable Avenue, Renwick Road, Choats Road, Hindmans Way, Chequers Lane, Dagenham Dock Bus Station.

**Towards Becontree Heath:** Becontree Heath Bus Station, Wood Lane, Longbridge Road, Station Parade, Ripple Road, Axe Street, St Pauls Road, Ripple Road, Movers Lane, River Road, Bastable Avenue, Bastable Avenue Bus-Only Slip Road, Bastable Avenue, Renwick Road, Choats Road, Hindmans Way, Chequers Lane, Dagenham Dock Bus Station.

### AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

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

### BECONTREE HEATH BUS STATION

Private stand for 4 buses standing abreast in marked bays in bus station on south side of Wood Lane.

Buses proceed from Becontree Heath Bus Station direct to stand, departing via Becontree Heath Bus Station to Wood Lane. Set down in Becontree Heath Bus Station, at Alighting Point (LE128 - Becontree Heath Bus Station and pick up in Wood Lane, at Stop K (BP1296 - Althorne Way, First Stop on LOR: BP096 - Barking Station <> #).

**AVAILABILITY:** At any time.

**OPERATING RESTRICTIONS:** No more than 2 buses on Route EL2 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:** Becontree Heath.

### **BARKING STATION (from DAGENHAM DOCK STATION)**

Public stand on for two buses on the south-east side of Longbridge Road, commencing at a point opposite the p/w Nos.23/25 and extending 22 metres north-east.

Buses proceed from Longbridge Road (Circumnavigate roundabout at junction with Fanshawe Avenue) direct to stand, departing via Longbridge Road to Station Parade. Set down in Longbridge Road, at stop L (LE171 - Barking Station <> #, Last Stop on LOR: LE171 - Barking Station <> #) and pick up in Station Parade, at stop H (BP096 - Barking Station <> #, First Stop on LOR: BP096 - Barking 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:	Barking.

### **BARKING, LONDON ROAD (from Becontree Heath)**

Private stand for nine buses in bus parking area on north side of London Road, commencing 37 metres east of the eastern kerbline of North Street and extending 36 metres east.

Buses proceed from Station Parade via London Road and London Road Bus Stand to stand, departing via London Road Bus Stand, London Road and Station Parade to Longbridge Road. Set down in London Road, at stop H (BP096 - Barking Station <> #, Last Stop on LOR: BP096 - Barking Station <> #) and pick up in Longbridge Road, at stop L (LE171 - Barking Station <> #, First Stop on LOR: LE171 - Barking 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:	Barking.



## **THAMES VIEW ESTATE, ABRIDGE WAY**

Public stand for two buses on south side of island site at junction of Bastable Avenue and Abridge Way, west of a point opposite Stapleford Way.

### **From Becontree Heath.**

Buses proceed from Bastable Avenue via Abridge Way to stand, departing via Abridge Way to Bastable Avenue. Set down in Bastable Avenue (BP2309 - Abridge Way, Last Stop on LOR: BP227 - Renwick Road) and pick up in Bastable Avenue, G (BP5400 - Havering Way, First Stop on LOR: BP5400 - Havering Way).

### **From Dagenham Dock Station.**

Buses proceed from Bastable Avenue via Abridge Way to stand, departing via Abridge Way to Bastable Avenue. Set down in Bastable Avenue, D (BP227 - Renwick Road, Last Stop on LOR: BP5400 - Havering Way) and pick up in Bastable Avenue (BP2309 - Abridge Way, First Stop on LOR: BP227 - Renwick 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:	Thames View Estate.

## **DAGENHAM DOCK STATION**

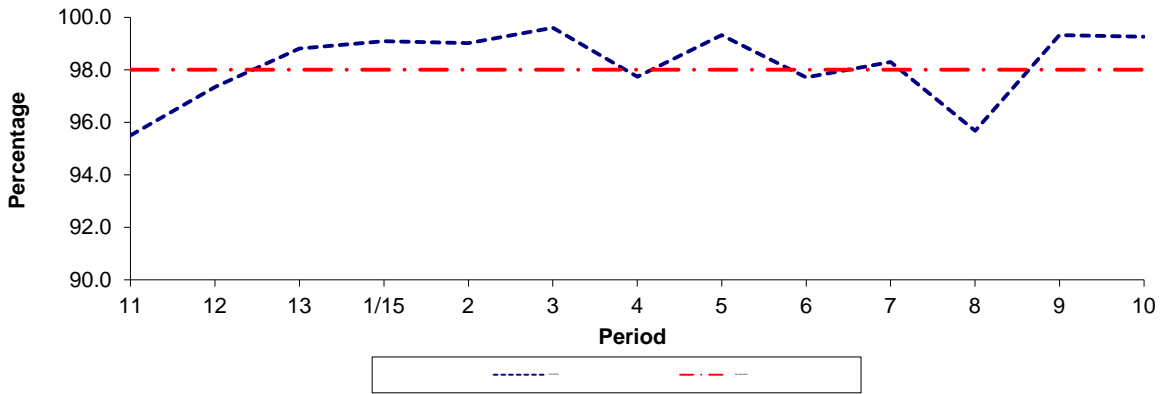
Private stand on east side of Chequers Lane underneath A13 viaduct.  
Buses proceed from Dagenham Dock Bus Station direct to stand, departing to Dagenham Dock Bus Station. Set down in Dagenham Dock Bus Station, at Stop EL (BP5434 - Dagenham Dock Terminus, Last Stop on LOR: BP5434 - Dagenham Dock Terminus) and pick up in Dagenham Dock Bus Station, at Stop EL (BP5434 - Dagenham Dock Terminus, First Stop on LOR: BP5434 - Dagenham Dock Terminus).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route EL2 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:	Dagenham Dock.
OTHER INFORMATION:	Toilet facilities and driver mess room available in the Bus Station.

**PART B - PERFORMANCE STATISTICS**

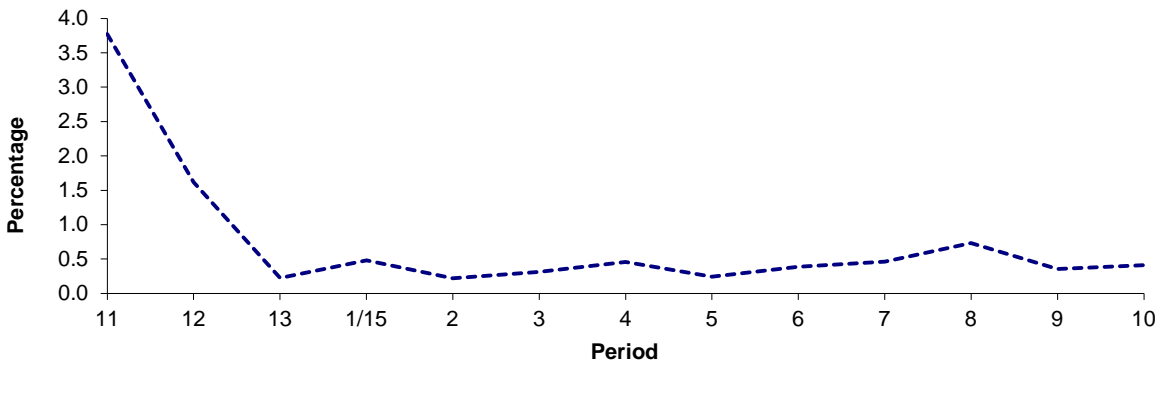
**Route EL2**

**Mileage Operated**



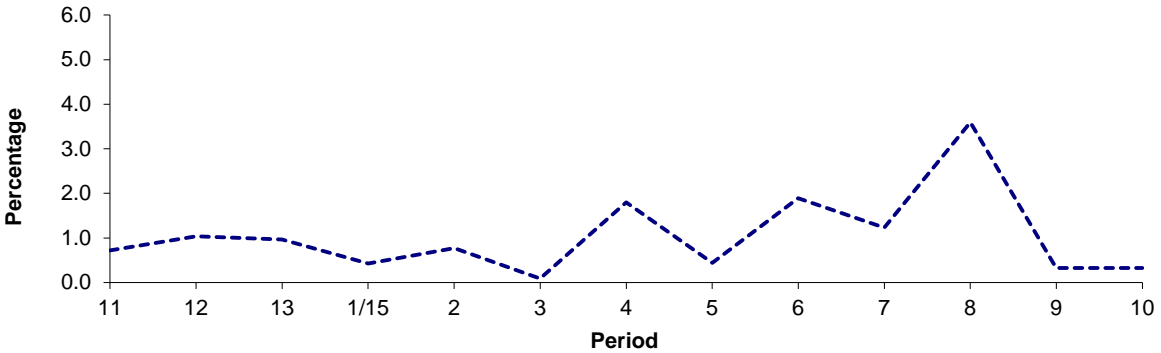
Period	11	12	13	1/15	2	3	4	5	6	7	8	9	10
2014/2015	95.51	97.35	98.81	99.09	99.01	99.60	97.74	99.32	97.72	98.30	95.67	99.32	99.27
Min Standard	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00

**Deductible Mileage**



Period	11	12	13	1/15	2	3	4	5	6	7	8	9	10
2014/2015	3.77	1.62	0.22	0.48	0.22	0.31	0.46	0.24	0.39	0.46	0.73	0.36	0.41

**Non Deductible Mileage**

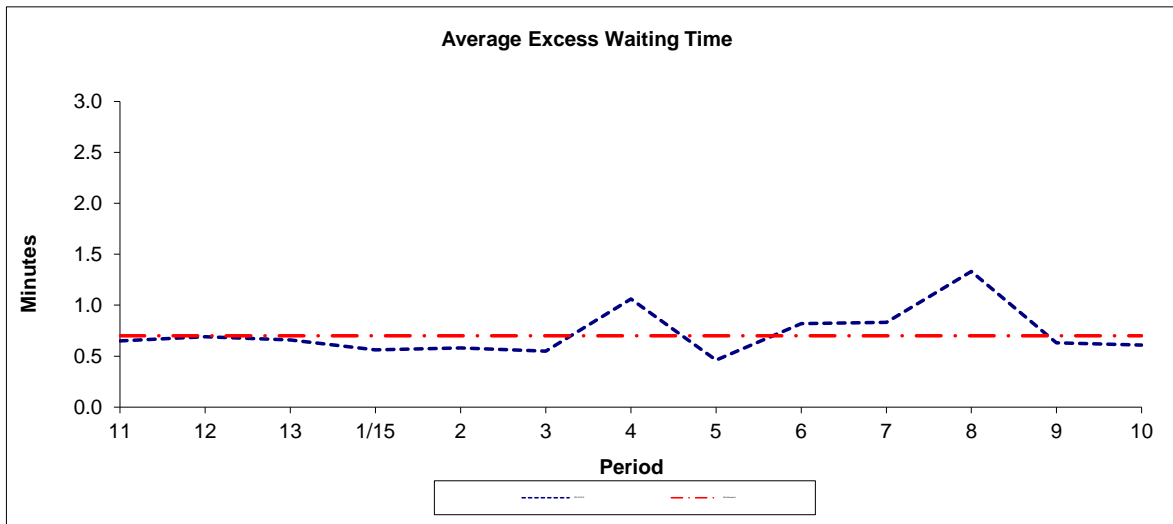


Period	11	12	13	1/15	2	3	4	5	6	7	8	9	10
2014/2015	0.72	1.04	0.97	0.43	0.77	0.09	1.80	0.44	1.89	1.23	3.59	0.33	0.32

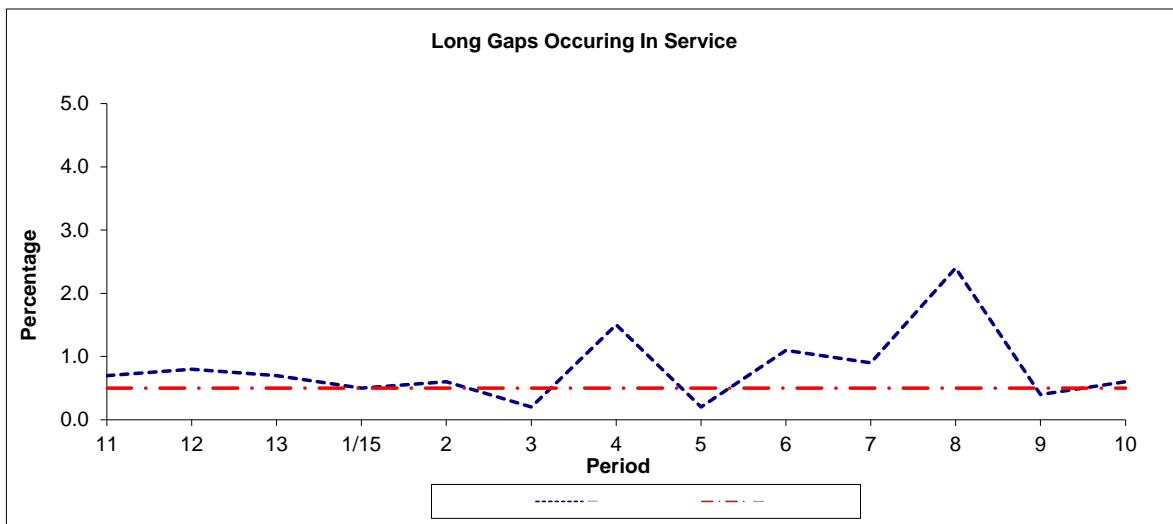
**Note :** Mileage is based on 4 weeks data  
 Deductible Mileage was adversely affected by industrial action in periods 11 and 12 14/15.

**PART B - PERFORMANCE STATISTICS**

**Route EL2**



Period	11	12	13	1/15	2	3	4	5	6	7	8	9	10
2014-2015	0.65	0.69	0.66	0.56	0.58	0.55	1.06	0.46	0.82	0.83	1.33	0.63	0.61
Min Standard	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70



Period	11	12	13	1/15	2	3	4	5	6	7	8	9	10
2014-2015	0.7	0.8	0.7	0.5	0.6	0.2	1.5	0.2	1.1	0.9	2.4	0.4	0.6
Benchmark	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

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

**ROUTE EL2 - 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	15,810.	15,592.	98.6	8.80	<b>0.24</b>	9.04	68.5	28.3	3.1	0.1	0.0	94
07:00 - 10:00	44,857.	44,028.	98.2	5.04	<b>0.88</b>	5.92	85.0	14.0	0.8	0.3	1.0	73
10:00 - 13:00	45,108.	44,697.	99.1	5.01	<b>0.50</b>	5.50	88.6	11.0	0.3	0.1	0.3	64
13:00 - 16:00	45,156.	44,528.	98.6	4.99	<b>0.61</b>	5.60	87.1	12.4	0.4	0.1	0.5	52
16:00 - 19:00	44,904.	44,334.	98.7	5.00	<b>0.88</b>	5.88	84.5	14.2	1.0	0.4	1.4	54
19:00 - 22:00	25,156.	25,420.	101.0	8.53	<b>0.63</b>	9.16	56.2	38.5	4.5	0.9	0.6	82
22:00 - 24:00	15,441.	15,069.	97.6	9.85	<b>0.42</b>	10.28	50.4	43.9	5.1	0.6	0.2	72
<b>Locations</b>	<b>236,432.</b>	<b>233,668.</b>	<b>98.8</b>	<b>5.74</b>	<b>0.69</b>	<b>6.44</b>	<b>80.6</b>	<b>17.7</b>	<b>1.4</b>	<b>0.3</b>	<b>0.8</b>	<b>94</b>

**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	2,620.	2,634.	100.5	10.22	<b>0.28</b>	10.50	54.6	39.4	5.3	0.8	0.1	70
07:00 - 10:00	7,692.	7,656.	99.5	6.17	<b>0.39</b>	6.56	81.3	18.1	0.6	0.0	0.1	46
10:00 - 13:00	9,354.	9,244.	98.8	5.01	<b>0.50</b>	5.51	87.7	11.9	0.3	0.1	0.4	49
13:00 - 16:00	9,257.	8,883.	96.0	5.01	<b>1.16</b>	6.16	83.3	14.4	1.6	0.7	2.3	80
16:00 - 19:00	9,057.	8,691.	96.0	5.05	<b>1.49</b>	6.54	80.5	16.2	2.1	1.2	3.2	71
19:00 - 22:00	4,874.	4,882.	100.2	9.15	<b>1.10</b>	10.25	51.5	39.1	7.2	2.2	1.3	85
22:00 - 24:00	3,193.	3,081.	96.5	9.87	<b>0.66</b>	10.53	49.8	43.4	5.8	0.9	0.3	69
<b>Locations</b>	<b>46,047.</b>	<b>45,071.</b>	<b>97.9</b>	<b>6.10</b>	<b>0.94</b>	<b>7.05</b>	<b>76.6</b>	<b>20.2</b>	<b>2.4</b>	<b>0.8</b>	<b>1.5</b>	<b>85</b>

**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	2,189.	2,170.	99.1	15.02	<b>0.24</b>	15.26	40.3	28.0	26.5	5.2	2.4	95
07:00 - 10:00	4,424.	4,416.	99.8	12.12	<b>0.28</b>	12.40	44.5	40.4	13.9	1.2	0.0	63
10:00 - 13:00	5,376.	5,321.	99.0	9.90	<b>0.43</b>	10.33	50.1	41.8	7.2	0.9	0.1	49
13:00 - 16:00	5,264.	5,135.	97.5	9.91	<b>1.26</b>	11.17	48.4	38.7	10.0	2.9	1.0	86
16:00 - 19:00	5,400.	5,318.	98.5	9.82	<b>1.07</b>	10.89	50.1	39.9	8.2	1.8	0.4	75
19:00 - 22:00	5,467.	5,483.	100.3	9.70	<b>0.45</b>	10.15	51.3	42.4	5.4	0.9	0.3	66
22:00 - 24:00	3,625.	3,522.	97.2	9.90	<b>0.52</b>	10.43	50.1	44.4	5.1	0.4	0.0	56
<b>Locations</b>	<b>31,745.</b>	<b>31,365.</b>	<b>98.8</b>	<b>10.21</b>	<b>0.77</b>	<b>10.97</b>	<b>49.0</b>	<b>40.3</b>	<b>8.9</b>	<b>1.7</b>	<b>0.5</b>	<b>95</b>

**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	20,619.	20,396.	98.9	9.38	<b>0.24</b>	9.63	65.1	29.3	5.0	0.6	0.2	95
07:00 - 10:00	56,973.	56,100.	98.5	5.50	<b>0.81</b>	6.31	82.6	15.7	1.4	0.3	0.9	73
10:00 - 13:00	59,838.	59,262.	99.0	5.61	<b>0.49</b>	6.10	83.7	15.0	1.1	0.2	0.3	64
13:00 - 16:00	59,677.	58,546.	98.1	5.56	<b>0.76</b>	6.32	82.1	15.7	1.7	0.5	0.8	86
16:00 - 19:00	59,361.	58,343.	98.3	5.48	<b>0.97</b>	6.45	80.6	17.0	1.8	0.6	1.5	75
19:00 - 22:00	35,497.	35,785.	100.8	8.75	<b>0.67</b>	9.42	55.0	39.0	5.0	1.0	0.6	85
22:00 - 24:00	22,259.	21,672.	97.4	9.86	<b>0.47</b>	10.33	50.3	43.9	5.2	0.6	0.2	72
<b>Locations</b>	<b>314,224.</b>	<b>310,104.</b>	<b>98.7</b>	<b>6.24</b>	<b>0.73</b>	<b>6.97</b>	<b>77.0</b>	<b>20.3</b>	<b>2.2</b>	<b>0.5</b>	<b>0.8</b>	<b>95</b>

**Transport for London - QSI Points and Live Mileage List**

Route EL2 (Dagenham Dock - Becontree Heath)

Service change

Date

QSI Points are highlighted.

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
BCONBS S	BCONBS S	BECONTREE HEATH BUS STATION		
BCONSA	BP1296	Althorne Way	0	0.06
	1830	Wood Lane /Morrisons		0.20
	LE223	Five Elms School	553	0.34
	15519	Boxoll Road	269	0.17
	15517	Beverley Road	347	0.22
BCONMC	20988	Martins Corner / Valence Avenue	486	0.30
	15515	Bennetts Castle Lane	466	0.29
	15514	Lindsey Road	265	0.16
	34361	Lodge Avenue	468	0.29
	7770	Goodmayes Lane	442	0.27
	15510	Sandhurst Drive	250	0.16
	15508	Thurlestone Avenue	348	0.22
BK GR	26367	Barking Bus Garage / Faircross	341	0.21
BARKFC	1217	Upney Lane	255	0.16
	15505	Hulse Avenue /Barking Park	406	0.25
	9646	Fanshawe Avenue	281	0.17
BARKSN	BP096	Barking Station	339	0.21
	BP5391	Vicarage Field Shopping Centre	292	0.18
	LE173	Sunningdale Avenue	169	0.11
	18393	King Edwards Road	341	0.21
	19315	Greatfields Park	581	0.36
RIVRBP	BP4054	Waverley Gardens	462	0.29
	29139	Curzon Crescent	190	0.12
	29141	Thames View /Christ Church	298	0.19
	29143	Thames View Health Centre	335	0.21
	29424	Glenmore Way	322	0.20
	29422	Alderman Avenue	272	0.17
TVWEAW	BP227	Thames View Estate /Abridge Way	213	0.13
TVWECR	BP5397	Stern Close	381	0.24
	BP5410	Choats Manor Way	1411	0.88
DAGMTG	BP5415	Hindmans Way	420	0.26
DAGMDS	BP5434	Dagenham Dock Terminus	589	0.37
<b>TOTAL ROUTE MILEAGE - OUT DIRECTION</b>			<b>7.59</b>	
			metres	miles

**TRANCHE 552**

Reason for issue:

Duty Schedule

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
DAGMDS	BP5434	Dagenham Dock Terminus		
DAGMTG	BP5414	Hindmans Way	712	0.44
	BP5411	Choats Manor Way	401	0.25
TVWECR	BP5398	Stern Close	1466	0.91
TVWEAW	BP5400	Havering Way	385	0.24
	29423	Alderman Avenue	166	0.10
	29425	Glenmore Way	304	0.19
	29144	Thames View Health Centre	268	0.17
	29142	Thames View /Christ Church	407	0.25
	29140	River Road	243	0.15
RIVRBP	BP4053	Waverley Gardens	218	0.14
	19316	Greatfields Park	342	0.21
	18394	King Edwards Road	542	0.34
	BP5390	Westbury Road	240	0.15
	BP5392	Vicarage Field Shopping Centre	486	0.30
BARKSN	29776	Barking Station		0.14
	15504	Fanshawe Avenue	385	0.24
	15506	Hulse Avenue /Barking Park	325	0.20
BARKFC	1216	Upney Lane	375	0.23
BK GR	26368	Barking Bus Garage / Faircross	235	0.15
	15507	Meadway	328	0.20
	15509	Capel Gardens	267	0.17
	7769	Goodmayes Lane	413	0.26
	29756	Becontree Avenue	460	0.29
	15513	Lindsey Road	359	0.22
	15453	Bennetts Castle Lane	468	0.29
BCONMC	14953	Martins Corner /Valence Avenue	298	0.19
	15518	Charlecote Road	564	0.35
	15520	Winmill Road	379	0.24
	15522	Heathway	568	0.35
	1831	Wood Lane /Morrisons	233	0.14
	BP071	Althorne Way	261	0.16
BCONBS	LE128	Becontree Heath Bus Station	150	0.09
<b>TOTAL ROUTE MILEAGE - BACK DIRECTION</b>			<b>7.75</b>	
			metres	miles