

7. Service Specification

Route: 179

QC42502

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	Chingford Station to Ilford High Road, Hainault Street
Contract Basis	Incentivised
Commencement Date	19 th October 2013
Vehicle Type	87 capacity, dual door, double deck buses
Current Maximum Approved Dimensions	10.1 metres long and 2.55 metres wide
New Vehicles Mandatory	Yes
Hybrid Price Required	No
Sponsored Route	No
Advertising Rights	Operator
Minimum Performance Standard	Average Excess Wait Time - No more than 1.10 minutes
Extension Threshold	Average Excess Wait Time Threshold - 0.95 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 19th November 2012

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. 179.

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:

- The Boxing Day service should match the Sunday service.
- **Tenderers must identify the cost of the Boxing Day element of this service separately.**

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Chingford Station, Stop C to Ilford High Road, Hainault Street		Ilford High Road, Hainault Street to Chingford Station, Stop F			
First departure no later than 0455.		First departure no later than 0515.			
0450 - 0635	Every 20 minutes	0510 - 0635	Every 20 minutes		
0636 - 0705	Every 15 minutes	0636 - 0705	Every 15 minutes		
0706 - 1930	Every 12 minutes	0706 - 1855	Every 12 minutes		
1931 - 2000	Every 15 minutes	1856 - 1955	Every 15 minutes		
2001 - 0045	Every 20 minutes	1956 - 0100	Every 20 minutes		
Last departure no earlier than 0040.		Last departure no earlier than 0055.			
Pinchpoints					
South Woodford, Charlie Browns Roundabout	0735 - 0900	12 minutes	Woodford Green, Castle	0735 - 0900	12 minutes
	1505 - 1630	12 minutes		1505 - 1630	12 minutes

3.2) MONDAY TO FRIDAY SCHOOLDAYS SCHEDULE REQUIREMENTS

Ilford High Road, Hainault Street to Chingford Station, Stop F	
0736	One journey

The journey shown in Section 3.2 is specifically designed to meet the start time of Trinity Catholic High School and Woodford County High School for Girls School in the Woodford Green area.

3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued

3.3) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Chingford Station, Stop C to Ilford High Road, Hainault Street			Ilford High Road, Hainault Street to Chingford Station, Stop F		
First departure no later than 0455.			First departure no later than 0515.		
0450 - 0735	Every 20 minutes		0510 - 0735	Every 20 minutes	
0736 - 0820	Every 15 minutes		0736 - 0835	Every 15 minutes	
0821 - 1840	Every 12 minutes		0836 - 1840	Every 12 minutes	
1841 - 1940	Every 15 minutes		1841 - 1955	Every 15 minutes	
1940 - 0045	Every 20 minutes		1956 - 0100	Every 20 minutes	
Last departure no earlier than 0040.			Last departure no earlier than 0055.		
Pinchpoints					
South Woodford, Charlie Browns Roundabout	0900 - 1100	12 minutes	Woodford Green, Castle	0900 - 1100	12 minutes

3.3) SUNDAY AND PUBLIC HOLIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Chingford Station, Stop C to Ilford High Road, Hainault Street			Ilford High Road, Hainault Street to Chingford Station, Stop F		
First departure no later than 0640.			First departure no later than 0700.		
0635 - 0810	Every 30 minutes		0655 - 0900	Every 30 minutes	
0811 - 0045	Every 20 minutes		0901 - 0100	Every 20 minutes	
Last departure no earlier than 0040.			Last departure no earlier than 0055.		
Pinchpoints					
South Woodford, Charlie Browns Roundabout	1010 - 1130	20 minutes	Woodford Green, Castle	1005 - 1125	12 minutes

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

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. 179 should be separated from Route No. 123 between South Woodford, Charlie Browns Roundabout and Ilford High Road, Hainault Street during all periods, where possible.
- 4.2) Route No. 179 can suffer unpredictable traffic delays in the Wood Green and Ilford areas.
- 4.3) Traffic congestion at Ilford gyratory and the south end of Cranbrook Road and at South Woodford can cause delays on Route No. 179.
- 4.4) Crossrail will connect the City, Canary Wharf, the West End and Heathrow Airport to commuter areas east and west of the capital.

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 179: Chingford Station - Ilford, Hainault Street

Date of Structural Change: 19 October 2013.

Date of Service Change: 19 October 2013.

Reason for Issue: New contract, not yet awarded (currently operated by First London East)..

STREETS TRAVERSED

Towards Ilford, Hainault Street: Chingford Bus Station, Station Road, King's Road, Whitehall 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, Southend Road, Woodford Avenue, Gants Hill Cross, Cranbrook Road, Chapel Road, Winston Way, Handforth Road, Clements Road, Ilford High Road.

Towards Chingford Station: Ilford High Road, Clements Road, Ilford High Road, Bus-Only Right Turn, Cranbrook Road, Gants Hill Cross, Woodford Avenue, Southend Road, Charlie Brown's Roundabout, Chigwell Road, George Lane, Mulberry Way, The Viaduct, George Lane, Woodford Green High Road, Woodford New Road, Woodford Green High Road, Whitehall Road, King's Road, Station 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.

CHINGFORD BUS STATION, BAY A

Private stand for 4 buses at or opposite Stop A in Chingford Bus Station on south side of Station Road.

Buses proceed from Station Road via Chingford Bus Station to stand, departing to Chingford Bus Station. Set down in Station Road, at Stop F (R0737 - Chingford Station #, Last Stop on LOR: R0737 - Chingford Station #) and pick up in Chingford Bus Station, at Stop C (34016 - Chingford Station #, First Stop on LOR: 34016 - Chingford Station #).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 1 bus on Route 179 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:	Chingford Station.

WOODFORD WELLS, HORSE & GROOM (from ILFORD, HAINAULT STREET)

Public stand for two buses facing north on west side of slip road, on east side of Woodford Green High Road, opposite the Horse and Well public house, commencing opposite the centre line of Knighton Drive (southern arm) and extending 29 metres south.

Buses proceed from Woodford Green High Road via Slip Road, Woodford Green High Road and Horse & Well Forecourt to stand, departing via Horse & Well Forecourt to Woodford Green High Road. Set down in Woodford Green High Road, at Stop FH (15329 - St Thomas Of Canterbury Church, Last Stop on LOR: 15329 - St Thomas Of Canterbury Church) and pick up in Woodford Green High Road, at Stop FS (15330 - St Thomas Of Canterbury Church, First Stop on LOR: 15330 - St Thomas Of Canterbury Church).

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:	Woodford Wells.

SOUTH WOODFORD, MULBERRY WAY

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

From Chingford Station.

Buses proceed from The Shrubberies via The Viaduct, Mulberry Way and Bus Standing Area to stand, departing via Bus Standing Area, Primrose Road, Mulberry Way and The Viaduct to George Lane. Set down in The Shrubberies, at Stop G (35966 - George Lane Shopping Centre, Last Stop on LOR: 35966 - George Lane Shopping Centre) and pick up in George Lane, at Stop H (35965 - George Lane Shopping Centre, First Stop on LOR: 35965 - George Lane Shopping Centre).

From Ilford, Hainault Street.

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 E (7509 - South Woodford Station <>, Last Stop on LOR: 7509 - 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.

GANTS HILL STATION, PERTH ROAD

Public stand for two buses on north side (offside) of Perth Road, commencing 62.5 metres east of Bramley Crescent and extending 23 metres east.

From Chingford Station.

Buses proceed from Cranbrook Road via Bramley Crescent and Perth Road to stand, departing via Perth Road, Eastern Avenue and Gants Hill Cross to Woodford Avenue. Set down in Cranbrook Road, at Stop CH (8622 - Gants Hill Station <>/ Cranbrook Road, Last Stop on LOR: 8622 - Gants Hill Station <>/ Cranbrook Road) and pick up in Woodford Avenue, at Stop WS (13449 - Gants Hill Station <> / Woodford Avenue, First Stop on LOR: 13449 - Gants Hill Station <> / Woodford Avenue).

From Ilford, Hainault Street.

Buses proceed from Cranbrook Road via Bramley Crescent and Perth Road to stand, departing via Perth Road, Eastern Avenue and Gants Hill Cross to Cranbrook Road. Set down in Cranbrook Road, at Stop CM (14203 - Valentines Mansion And Park, Last Stop on LOR: 14203 - Valentines Mansion And Park) and pick up in Cranbrook Road, at Stop CH (8622 - Gants Hill Station <>/ Cranbrook Road, First Stop on LOR: 8622 - Gants Hill Station <>/ Cranbrook 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:	Gants Hill.

ILFORD, RODEN STREET (from Chingford Station)

Private stand for five buses in bus parking area at junction of Chapel Road and Roden Street in 2 sections.

1. For four buses on the offside, extending 45 metres;
2. For one bus on nearside, extending 12 metres.

Buses proceed from Cranbrook Road via Chapel Road, Roden Street and Sainsburys Bus Lay-By to stand, departing via Chapel Road and Ilford Hill to Cranbrook Road. Set down in Cranbrook Road, at Stop K (FC03 - Ilford Station #, Last Stop on LOR: FC46 - Ilford Station #) and pick up in Cranbrook Road, at Stop G (FC39 - Ilford Station #, First Stop on LOR: FC39 - Ilford 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:	Ilford Station.

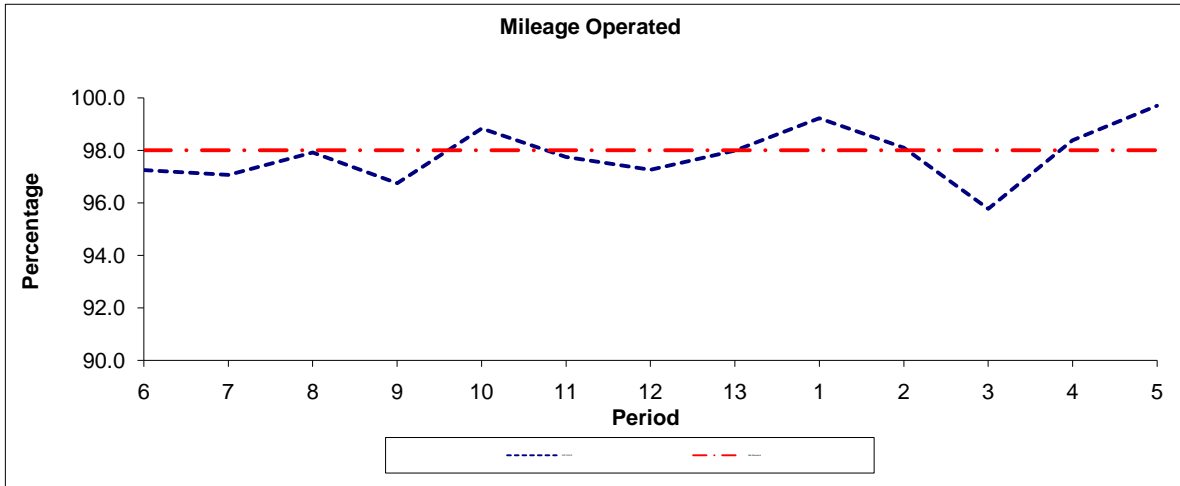
ILFORD, HAINAULT STREET

Private stand for 17 buses standing abreast in marked bays in Bus Parking Area on east side of Hainault Street, with the first 4 bays (nearest entrance) restricted to midi-buses. Buses proceed from Ilford High Road via Hainault Street and Ilford Bus Station to stand, departing via Ilford Bus Station, Ley Street, Griggs Approach, Winston Way and Riches Road to Ilford High Road. Set down in Ilford High Road, at Stop S (R0868 - Hainault Street, Last Stop on LOR: R0868 - Hainault Street) and pick up in Ilford High Road, at Stop W (FC04 - Hainault Street, First Stop on LOR: FC04 - Hainault Street).

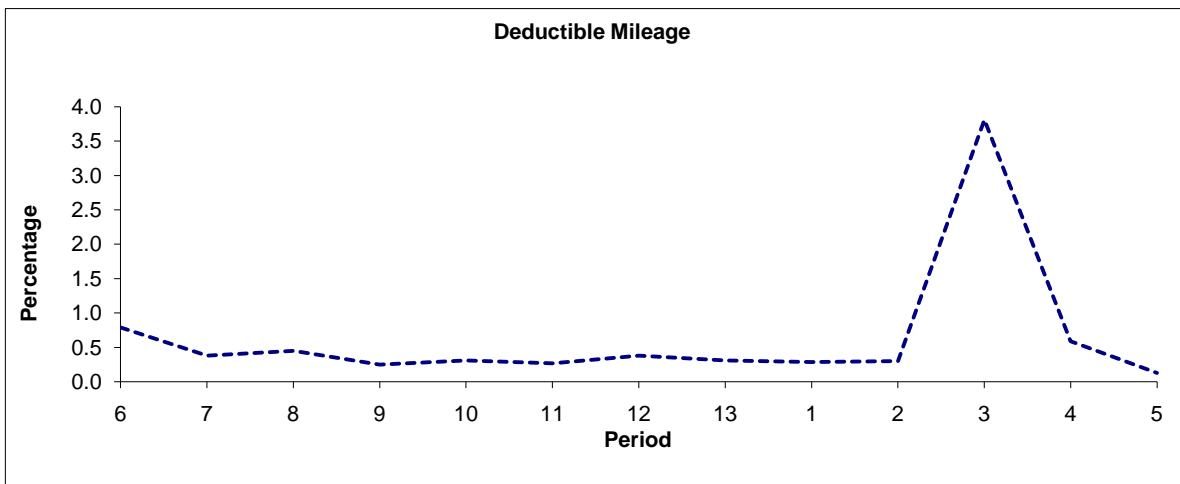
AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 179 should be scheduled to stand at any one time.
MEAL RELIEFS:	No meal relief vehicles to stand at any time.
FERRY VEHICLES:	No ferry vehicles to park on stand at any time.
BLIND DISPLAY:	Ilford.

PART B - PERFORMANCE STATISTICS

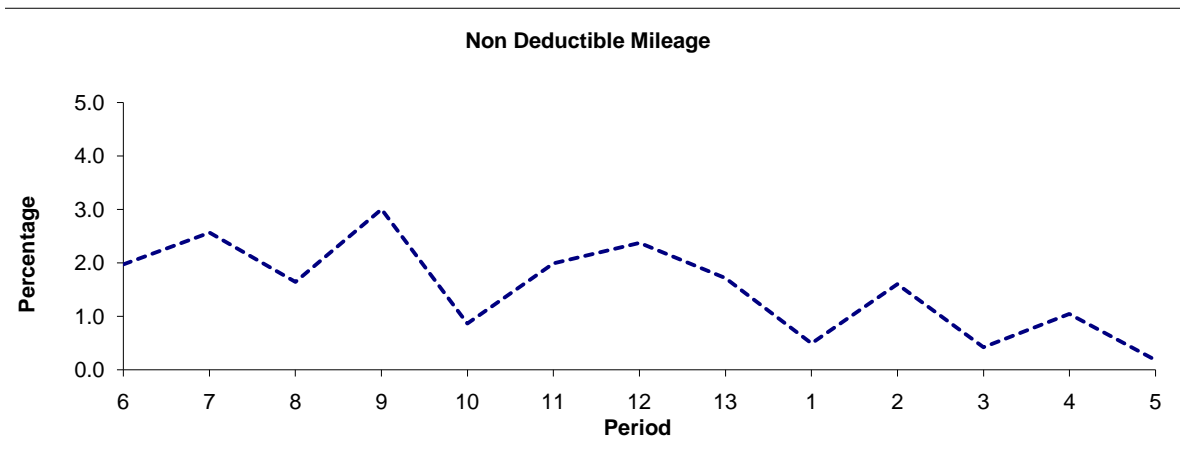
Route 179



Period	6	7	8	9	10	11	12	13	1	2	3	4	5
2011/2012	97.24	97.06	97.91	96.75	98.83	97.74	97.25	97.98	99.22	98.10	95.77	98.37	99.69
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	6	7	8	9	10	11	12	13	1	2	3	4	5
2011/2012	0.79	0.38	0.45	0.25	0.31	0.27	0.38	0.31	0.29	0.30	3.81	0.59	0.13

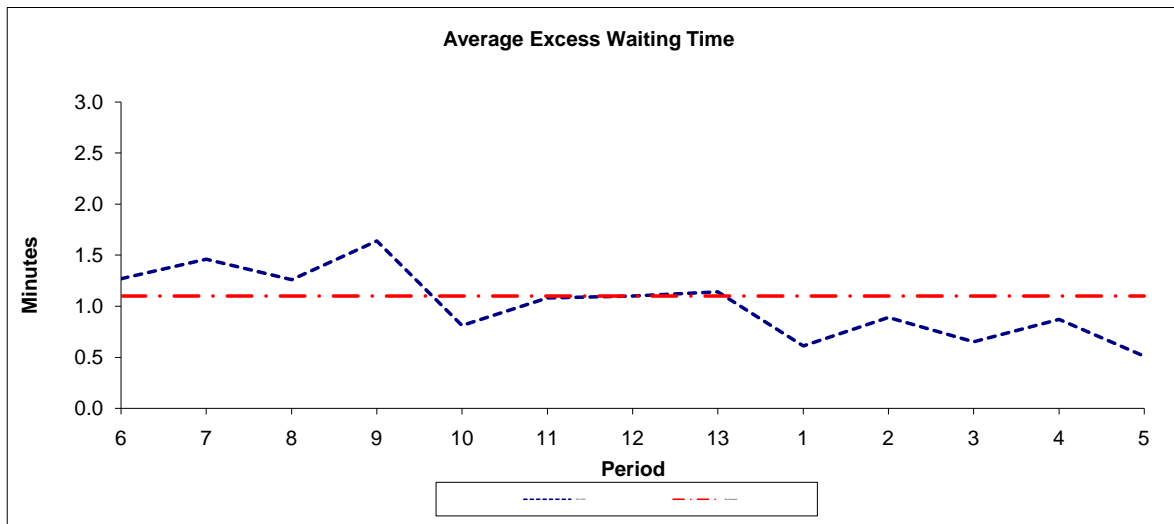


Period	6	7	8	9	10	11	12	13	1	2	3	4	5
2011/2012	1.97	2.56	1.64	3.00	0.86	1.99	2.37	1.71	0.49	1.60	0.42	1.04	0.18

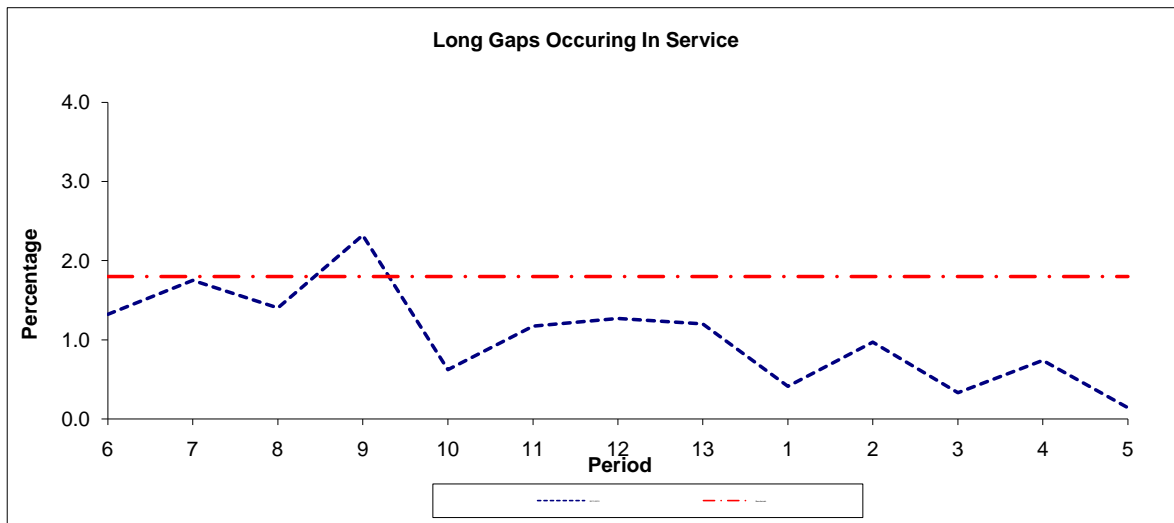
Note : Mileage is based on 4 weeks data
 Performance affected by industrial action in p3 2012/13.

PART B - PERFORMANCE STATISTICS

Route 179



Period	6	7	8	9	10	11	12	13	1	2	3	4	5
2011-2012	1.27	1.46	1.26	1.64	0.81	1.08	1.10	1.14	0.61	0.89	0.65	0.87	0.51
Min Standard	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10



Period	6	7	8	9	10	11	12	13	1	2	3	4	5
2011-2012	1.32	1.75	1.40	2.32	0.62	1.17	1.27	1.20	0.41	0.97	0.33	0.74	0.14
Benchmark	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80

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

ROUTE 179 - FULL iBUS RESULTS BY TIME OF DAY
QUARTER 2 2011/12 TO QUARTER 1 2012/13 (25/06/11 - 22/06/12)

MONDAY - FRIDAY

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (mins)	Actual Waiting Time (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)
0500 - 0700	16,365.	97.3	9.91	0.40	10.31	53.8	40.6	5.2	0.4	0.2	95.8
0700 - 1000	52,110.	96.4	6.00	1.43	7.42	73.3	23.1	3.0	0.7	1.8	58.8
1000 - 1300	49,896.	99.1	5.94	0.85	6.78	76.6	22.2	1.1	0.1	0.5	50.9
1300 - 1600	51,700.	97.2	5.90	0.96	6.86	74.6	22.9	2.1	0.3	1.2	68.6
1600 - 1900	50,622.	96.9	5.93	1.82	7.75	70.6	24.8	3.8	0.7	2.3	65.4
1900 - 2200	35,482.	101.5	8.07	0.80	8.87	59.6	34.4	5.4	0.6	0.4	61.3
2200 - 2400	19,276.	101.1	9.96	0.23	10.19	50.6	43.2	5.8	0.4	0.1	62.2
Summary	275,451.	98.2	6.47	1.18	7.65	70.3	26.0	3.2	0.5	1.3	95.8

SATURDAY

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (mins)	Actual Waiting Time (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)
0500 - 0700	3,092.	98.8	10.04	0.35	10.39	53.1	40.4	6.4	0.2	0.5	76.9
0700 - 1000	8,770.	100.4	7.27	0.50	7.78	71.0	27.2	1.7	0.1	0.0	56.8
1000 - 1300	10,869.	97.9	5.99	0.70	6.69	76.3	22.5	1.1	0.1	0.3	39.8
1300 - 1600	10,615.	98.7	5.99	1.12	7.11	74.2	23.5	2.1	0.2	0.9	40.6
1600 - 1900	10,531.	99.0	6.02	0.74	6.76	76.1	23.1	0.8	0.0	0.2	36.0
1900 - 2200	7,350.	99.5	8.50	0.80	9.30	56.0	36.9	6.6	0.6	0.3	46.6
2200 - 2400	4,136.	100.6	9.97	0.40	10.37	50.6	42.4	6.5	0.5	0.2	44.8
Summary	55,363.	99.1	6.73	0.78	7.51	71.0	26.5	2.4	0.2	0.4	76.9

SUNDAY AND BANK HOLIDAYS

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (mins)	Actual Waiting Time (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)
0500 - 0700	430.	103.3	10.00	0.17	10.17	79.3	8.5	10.7	1.5	16.8	25.4
0700 - 1000	5,708.	100.2	12.06	0.18	12.24	47.3	37.5	13.3	1.9	0.1	69.7
1000 - 1300	7,403.	98.0	9.66	0.49	10.15	51.2	40.8	7.3	0.6	0.1	57.7
1300 - 1600	7,350.	99.7	9.70	0.86	10.56	51.2	38.4	8.9	1.5	0.4	59.1
1600 - 1900	7,350.	99.5	9.76	0.65	10.41	51.2	40.5	7.7	0.6	0.1	81.3
1900 - 2200	7,207.	100.5	9.88	0.35	10.23	50.6	42.8	6.3	0.3	0.0	45.0
2200 - 2400	4,677.	100.4	9.98	0.18	10.16	50.3	44.4	4.9	0.4	0.0	50.8
Summary	40,125.	99.7	9.98	0.55	10.52	51.0	40.0	8.1	0.9	0.3	81.3

ALL DAYS

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (mins)	Actual Waiting Time (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)
0500 - 0700	19,887.	97.7	9.93	0.39	10.32	54.8	39.3	5.5	0.4	0.9	95.8
0700 - 1000	66,588.	97.3	6.40	1.29	7.69	71.8	24.1	3.4	0.7	1.6	69.7
1000 - 1300	68,168.	98.8	6.37	0.78	7.15	73.6	24.4	1.8	0.2	0.4	57.7
1300 - 1600	69,665.	97.7	6.31	0.97	7.29	72.1	24.6	2.8	0.4	1.1	68.6
1600 - 1900	68,503.	97.5	6.31	1.59	7.90	69.4	26.2	3.9	0.6	1.8	81.3
1900 - 2200	50,039.	101.0	8.33	0.75	9.08	58.1	35.7	5.6	0.6	0.3	61.3
2200 - 2400	28,089.	100.9	9.97	0.25	10.21	50.5	43.3	5.8	0.4	0.1	62.2
Summary	370,939.	98.5	6.83	1.07	7.90	68.6	27.4	3.5	0.5	1.1	95.8

Transport for London - QSI Point and Mileage List

Route 179
 Service change 26357
 Date 05/10/2011

Reason for Issue

Version Detail

QSI Points are shaded in blue

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
CHFDSNC	34016	Chingford Station		
	1135	Station Road / Chingford Station	116	0.07
	15985	Stanley Road	276	0.17
	4208	Station Road / the Green	255	0.16
	R0021	Larkshall Road	354	0.22
KGRDFH	15316	Friday Hill	410	0.25
	15318	Kimberley Road	225	0.14
	15320	Valance Avenue	261	0.16
	15322	Seymour Court	290	0.18
	15324	Newlands Road	291	0.18
	15326	Forest Road	444	0.28
	15328	High Rd Woodford Grn / Bancrofts Sch	306	0.19
WDFWHW	15330	St Thomas Of Canterbury Church	381	0.24
	15332	Monkhams Lane	381	0.24
WDFGCA	15334	Woodford Green / Broadmead Road	402	0.25
	R0477	Chingford Lane	295	0.18
	15335	Churchill Memorial	337	0.21
	4359	Woodford / St Albans Rd	420	0.26
	15338	Churchfields	216	0.13
	3307	Southend Road	237	0.15
	35966	George Lane Shopping Centre	337	0.21
SWFSCR	29463	South Woodford Station	691	0.43
	15501	Chigwell Road	188	0.12
	35166	Onslow Gardens	221	0.14
SWDFRA	R0499	Southend Road	362	0.22
	35474	Chigwell Road	444	0.28
	15431	Northview Drive	256	0.16
	15433	Roding Lane North	341	0.21
	20667	Claybury Broadway	231	0.14
	11329	Lord Avenue	739	0.46
	9013	Beehive Lane / Woodford Avenue	225	0.14
	14290	Highwood Gardens	269	0.17
	15435	Glenwood Gardens	262	0.16
	13450	Gants Hill Station Woodford Avenue	277	0.17
GTSLSN	8622	Gants Hill Station / Cranbrook Road	276	0.17
	14204	Valentine's Mansion and Park	445	0.28
	15437	Bethell Avenue	286	0.18
	16346	Valentine's Park	301	0.19
	15439	The Drive	161	0.10
	LE136	Coventry Road	331	0.21
ILFDSN	FC46	Ilford Station	321	0.20
	FC44	Chapel Road	313	0.19
	FC60	Ilford Central Library	475	0.30
ILFDHS	R0868	Hainault Street	242	0.15
TOTAL ROUTE MILEAGE - OUT DIRECTION			13891	8.63
			metres	miles

Tranche 425

Mileage Update

BACK DIRECTION				
Timing Point				
Code	Stop Number	Stop Name	Metres	Miles
ILFDHS	FC04	Hainault Street		
	BP3460	Ilford Central Library	353	0.22
	FC40	High Road Ilford	243	0.15
ILFDSN	FC39	Ilford Station	198	0.12
	LE126	Beal Road	437	0.27
	15438	Northbrook Road	219	0.14
	16345	Valentine's Park	434	0.27
	15436	Bethell Avenue	308	0.19
	14203	Valentines Mansion and Park	312	0.19
GTSLSN	8621	Gants Hill Station / Cranbrook Road	365	0.23
	13449	Gants Hill Station / Woodford Avenue	212	0.13
	15434	Wycombe Road	311	0.19
	9014	Beehive Lane / Woodford Avenue	279	0.17
	25056	Grasmere Gardens	258	0.16
	11330	Woodford Bridge Road	304	0.19
	15432	Roding Lane South	862	0.54
	15430	Northview Drive	302	0.19
	15341	Charlie Browns Roundabout	283	0.18
SWDFRA	R0498	Southend Road	320	0.20
	35167	Onslow Gardens	241	0.15
	15500	George Lane / Hermon Hill	294	0.18
SWFSGL	7509	South Woodford Station	224	0.14
	35965	George Lane Shopping Centre	516	0.32
	R0334	Southend Road	361	0.22
	15337	Chelmsford Road	346	0.21
	4358	Woodford / the Cricketers	295	0.18
	FC90	Churchill Memorial	202	0.13
	15336	Chingford Lane	392	0.24
WDFGCA	4363	Woodford Green / Broadmead Road	304	0.19
	15333	Monkhams Lane	511	0.32
WDFWHW	15329	St Thomas Of Canterbury Church	286	0.18
	15327	Whitehall Road / Bancrofts School	396	0.25
	15325	Forest Road	335	0.21
	15323	Whitehall Lane	334	0.21
	15321	Seymour Court	388	0.24
	15319	Valance Avenue	193	0.12
	15317	Kimberley Road	266	0.17
KGRDFH	R0478	Friday Hill	420	0.26
	15986	Larkshall Road	317	0.20
	4289	Station Road / the Green	411	0.26
	15984	Buxton Road	205	0.13
CHFDSNF	R0737	Chingford Station	361	0.22
TOTAL ROUTE MILEAGE - BACK DIRECTION			13598	8.45
			metres	miles