

7. Service Specification

Route: E5

Contract Reference: QC51903

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.

Route Number	E5
Terminus Points	Southall, Toplocks Estate and Perivale, Tesco
Contract Basis	Incentivised
Commencement Date	28th May 2016
Vehicle Type	45 capacity, single door, single deck buses
Current Maximum Approved Dimensions	8.8 metres long and 2.44 metres wide
New Vehicles Mandatory	Yes
Hybrid Price Required	Yes
Sponsored Route	No
Advertising Rights	Operator
Minimum Performance Standard	Average Excess Wait Time - No more than 1.10 minutes
Extension Threshold	Average Excess Wait Time Threshold – 1.00 minutes
Minimum Operated Mileage Standard	No less than 98%

The Date of Tender for this ITT is:

No later than 12 Noon on Monday 29th June 2015

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. E5.

Tenderers should note that there are no changes proposed as part of this Service Specification for Route No. E5.

- Route No. E5 will be on long-term diversion from mid-June 2016 due to the closure of Hilary Road. Buses will be diverted down Gregory Road for the duration. Full diversion routing will be conveyed to the successful operator closer to the time. The diversion will be reviewed mid-September 2018.

Hail & Ride Operation Sections:

Hail and ride operation, with buses stopping wherever it is safe to set down and pick up passengers, applies on the following sections of Route No. E5:

Towards Perivale, Tesco: Denbigh Road, Allendale Avenue, Thurston Road, North Road.

Towards Southall, Toplocks Estate: North Road, Thurston Road, Allendale Avenue, Denbigh Road.

Tenderers should note that if they are supplying an alternative price based on using existing vehicles, these must be refurbished in line with the revised specification dated 1st March 2014. This applies to all contracts awarded from Tranche 471 onwards.

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.

Cash Free Boarding was extended throughout London from 6th July 2014. Submitted tender prices should fully reflect the cost saving accrued from this change. Tenderers should also indicate the approximate additional cost if cash fares were still to be accepted.

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Southall, Toplocks Estate to Perivale, Tesco			Perivale, Tesco to Southall, Toplocks Estate		
First departure no later than 0515.			First departure no later than 0515.		
0510 - 0635	Every 15 minutes		0510 - 0645	Every 15 minutes	
0636 - 1900	Every 12 minutes		0646 - 1915	Every 12 minutes	
1901 - 1945	Every 15 minutes		1916 - 2000	Every 15 minutes	
1946 - 0030	Every 20 minutes		2001 - 0025	Every 20 minutes	
Last departure no earlier than 0025.			Last departure no earlier than 0020.		
Pinchpoints					
Greenford, Red Lion	0730 - 0830	12 minutes	Southhall, Town Hall	0730 - 0830	12 minutes
	1530 - 1630	12 minutes		1530 - 1630	12 minutes

3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Southall, Toplocks Estate to Perivale, Tesco			Perivale, Tesco to Southall, Toplocks Estate		
First departure no later than 0515.			First departure no later than 0515.		
0510 - 0730	Every 20 minutes		0510 - 0845	Every 20 minutes	
0731 - 0830	Every 15 minutes		0846 - 1845	Every 12 minutes	
0831 - 1825	Every 12 minutes		1846 - 1920	Every 15 minutes	
1826 - 1905	Every 15 minutes		1921 - 0025	Every 20 minutes	
1906 - 0030	Every 20 minutes				
Last departure no earlier than 0025.			Last departure no earlier than 0020.		
Pinchpoints					
Greenford, Red Lion	0930 - 1130	12 minutes	Southhall, Town Hall	0930 - 1130	12 minutes

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

Southall, Toplocks Estate to Perivale, Tesco			Perivale, Tesco to Southall, Toplocks Estate		
First departure no later than 0630.			First departure no later than 0625.		
0625 - 0030	Every 20 minutes		0620 - 0025	Every 20 minutes	
Last departure no earlier than 0025.			Last departure no earlier than 0020.		
Pinchpoints					
Greenford, Red Lion	1010 - 1210	20 minutes	Southhall, Town Hall	1020 - 1220	20 minutes

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

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. E5 can suffer from unpredictable traffic delays in the Southall area.
- 4.2) Special events in the Southall area (religious festivals etc) can cause severe delays to all bus services within the area and may entail road closures by the Metropolitan Police. When these occur, some services, such as Route No. E5, may be diverted from their normal line of route. The successful Tenderer will be advised of the relevant local contacts for both London Buses' Network Operations and the Metropolitan Police

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 E5: Southall, Toplocks Estate - Perivale, Tesco

Date of Structural Change: 28 May 2016.

Date of Service Change: 28 May 2016.

Reason for Issue: New Tender.

STREETS TRAVERSED

Towards Perivale, Tesco: Glade Lane, Havelock Road, Gregory Road, Hillary Road, Hunt Road, Havelock Road, Merrick Road, Norwood Road, Montague Way, Featherstone Road, The Green, South Road, Lady Margaret Road, Denbigh Road, Allendale Avenue, Thurston Road, North Road, Dormer's Wells Lane, Telford Road, Edison Drive, Longridge Lane, Fleming Road, Greenford Road, Ruislip Road East, Argyle Road, Welland Gardens, Medway Parade, Welland Gardens, Slip Road, Western Avenue, Argyle Road, Teignmouth Gardens, Bideford Avenue, Tesco Access Road.

Towards Southall, Toplocks Estate: Tesco Access Road, Bideford Avenue, Teignmouth Gardens, Welland Gardens, Medway Parade, Welland Gardens, Slip Road, Western Avenue, Argyle Road, Ruislip Road East, Greenford Road, Fleming Road, Longridge Lane, Edison Drive, Telford Road, Dormer's Wells Lane, North Road, Thurston Road, Allendale Avenue, Denbigh Road, Lady Margaret Road, South Road, The Green, Featherstone Road, Dudley Road, Sussex Road, Western Road, Havelock Road, Hunt Road, Hillary Road, Gregory Road, Havelock Road, McNair Road, Post Road, Glade 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.

TOPLOCKS ESTATE, GLADE LANE

Public stand for one bus in bus layby on east side of Glade Lane.

Buses proceed from Glade Lane direct to stand, departing to Glade Lane. Set down in Glade Lane (BP2061 - Toplocks Estate / Glade Lane, Last Stop on LOR: BP2061 - Toplocks Estate / Glade Lane) and pick up in Glade Lane (BP2061 - Toplocks Estate / Glade Lane, First Stop on LOR: BP2061 - Toplocks Estate / Glade Lane).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route E5 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:	Southall, Toplocks Estate.
OTHER INFORMATION:	No toilet facilities currently available.

SOUTHALL, TOWN HALL, AVENUE ROAD

Public stand in three parts:

1 - Main stand in bay on east side of Avenue Road, commencing 28 metres south of Boyd Avenue and extending 18 metres north.

3 - Overflow stand on south side of Cambridge Road commencing 48 metres west of Avenue Road and extending 28 metres east.

2 - Additional overflow stand on south side of Cambridge Road commencing 69 metres west of Avenue Road and extending 15 metres east.

From Perivale, Tesco.

Buses proceed from Lady Margaret Road via South Road, Hamilton Road and Avenue Road to stand, departing via Avenue Road and Cambridge Road to South Road. Set down in Lady Margaret Road, at Stop F (27852 - High Street / Southall Town Hall, Last Stop on LOR: 27852 - High Street / Southall Town Hall) and pick up in South Road, at Stop N (7699 - Southall Broadway, First Stop on LOR: 7699 - Southall Broadway).

From Southall, Toplocks Estate.

Buses proceed from South Road via Hamilton Road and Avenue Road to stand, departing via Avenue Road and Cambridge Road to South Road. Set down in South Road, at Stop N (7699 - Southall Broadway, Last Stop on LOR: 7699 - Southall Broadway) and pick up in South Road, at Stop Q (15960 - Park Avenue, First Stop on LOR: 15960 - Park Avenue).

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:	Southall, Town Hall.

GREENFORD, RED LION (from Southall, Toplocks Estate)

Public stand for 5 buses in two sections (11 metres and 49 metres) on east side of Windmill Lane commencing 4 metres south of lamp standard No. D.C 678 and extending overall 66 metres south. Overflow stand for 3 buses in three sections (13 metres, 14 metres and 9 metres) on south side of Otter Road. First two sections commencing 1 metre west of No Entry signpost S4 and extending overall 34.5 metres east; third section commencing level with No Entry signpost S3 and extending 9 metres east.

Buses proceed from Greenford Road via Otter Road and Windmill Lane to stand, departing via Windmill Lane and The Broadway to Greenford Road. Set down in Greenford Road, at Stop U (17109 - Greenford Depot, Last Stop on LOR: 17109 - Greenford Depot) and pick up in Greenford Road, at Stop E (35800 - Cardinal Wiseman High School, First Stop on LOR: 35800 - Cardinal Wiseman High School).

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:	Greenford Broadway.
OTHER INFORMATION:	Stand 2 is for use only if stand 1 is full. Engines must be switched off on stand..

PERIVALE, MEDWAY ESTATE (from Southall, Toplocks Estate)

Stand in south side of Barmouth Avenue, just east of junction with Medway Parade. Buses proceed from Medway Parade via Medway Drive, Woodhouse Avenue, Hodder Drive and Barmouth Avenue to stand, departing via Barmouth Avenue to Medway Parade. Set down in Medway Parade, at Stop C (BP3467 - Medway Parade, Last Stop on LOR: BP3467 - Medway Parade) and pick up in Medway Parade, at Stop D (BP3466 - Medway Parade, First Stop on LOR: BP3466 - Medway Parade).

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:	Perivale, Medway Estate.

PERIVALE, TESCOS

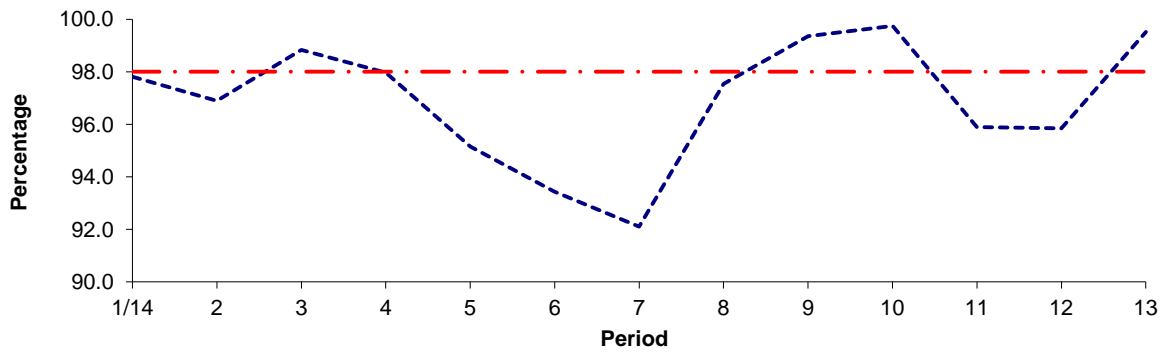
Private stand for 1 bus within Tesco grounds facing south in lay-by on west side of store. Buses proceed from Tesco Access Road direct to stand, departing to Tesco Access Road. Set down in Tesco Access Road, at Stop T (BP4879 - Perivale Tesco, Last Stop on LOR: BP4879 - Perivale Tesco) and pick up in Tesco Access Road, at Stop T (BP4879 - Perivale Tesco, First Stop on LOR: BP4879 - Perivale Tesco).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 1 bus on Route E5 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:	Perivale Tesco.
OTHER INFORMATION:	Toilet facilities available in Tesco.

PART B - PERFORMANCE STATISTICS

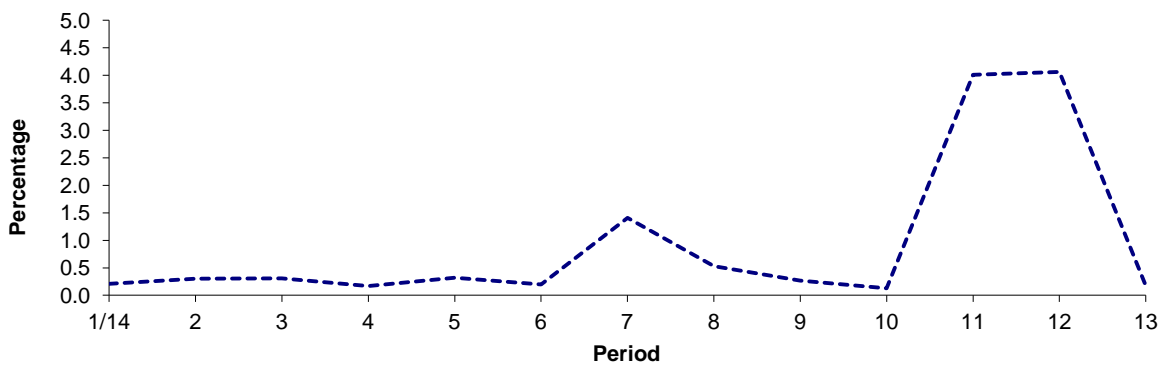
Route E5

Mileage Operated



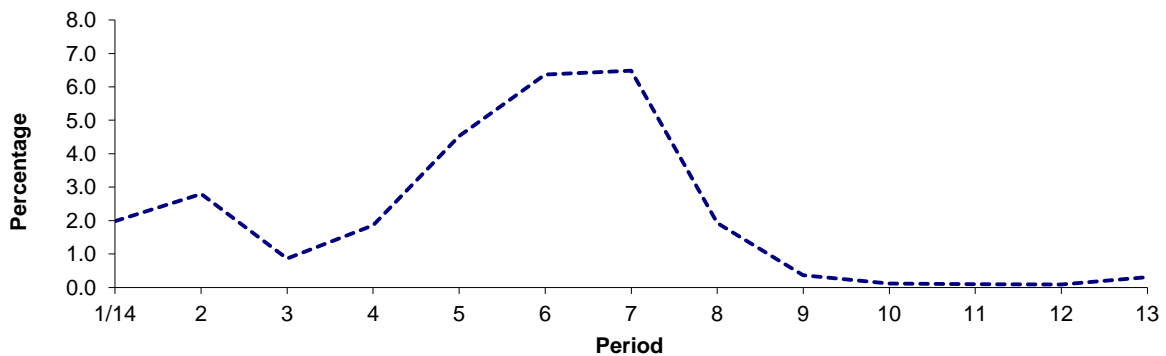
Period	1/14	2	3	4	5	6	7	8	9	10	11	12	13
2014/2015	97.81	96.90	98.83	97.97	95.15	93.43	92.11	97.54	99.36	99.75	95.89	95.85	99.52
Min Standard	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00

Deductible Mileage



Period	1/14	2	3	4	5	6	7	8	9	10	11	12	13
2014/2015	0.21	0.30	0.31	0.17	0.32	0.20	1.41	0.53	0.27	0.13	4.01	4.06	0.17

Non Deductible Mileage

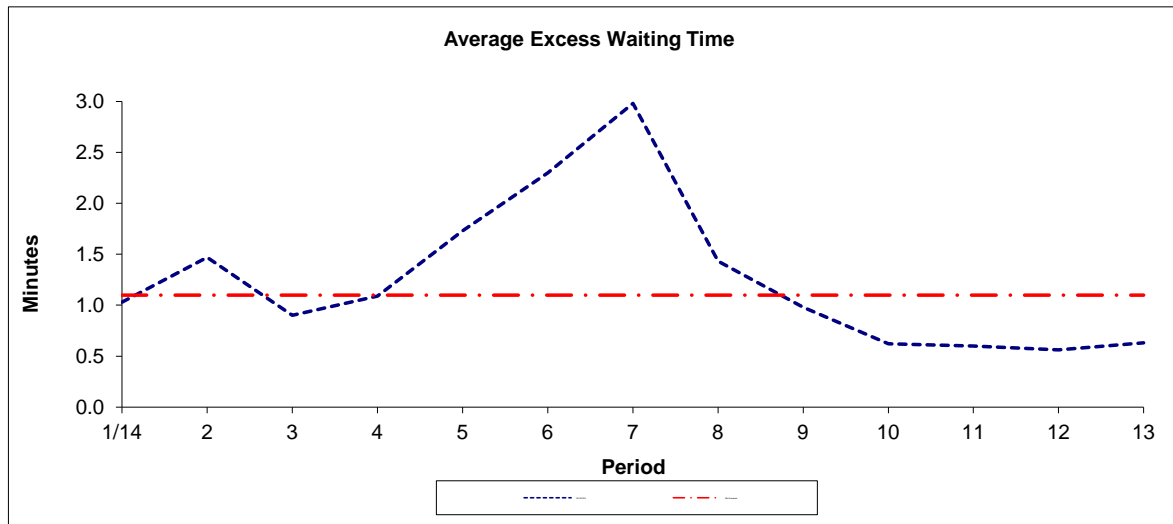


Period	1/14	2	3	4	5	6	7	8	9	10	11	12	13
2014/2015	1.98	2.80	0.86	1.86	4.53	6.37	6.48	1.93	0.37	0.12	0.10	0.09	0.31

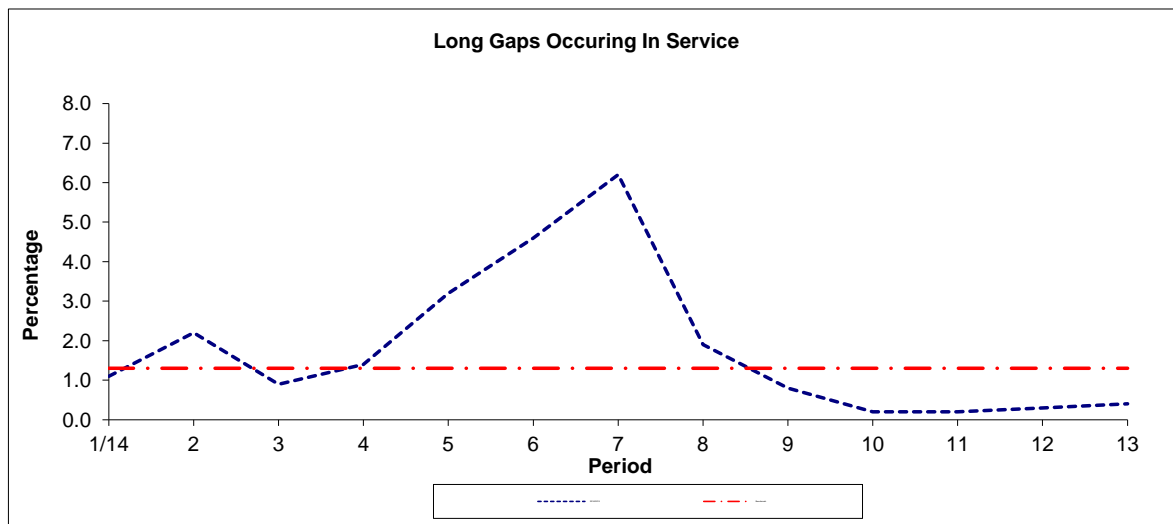
Note : Mileage is based on 4 weeks data
Deductible mileage performance adversely affected by industrial action by drivers in periods 11 and 12.

PART B - PERFORMANCE STATISTICS

Route E5



Period	1/14	2	3	4	5	6	7	8	9	10	11	12	13
2014/2015	1.03	1.47	0.90	1.09	1.73	2.30	2.98	1.43	0.98	0.62	0.60	0.56	0.63
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	1/14	2	3	4	5	6	7	8	9	10	11	12	13
2014/2015	1.1	2.2	0.9	1.4	3.2	4.6	6.2	1.9	0.8	0.2	0.2	0.3	0.4
Benchmark	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

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

ROUTE E5 - FULL IBUS RESULTS BY TIME OF DAY

QUARTERS 1 TO 4 14/15 (01/04/14 - 31/03/15)

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	22,723.	98.7	7.09	0.39	7.48	74.0	25.2	0.7	0.1	0.2	41
0700 - 1000	53,272.	99.5	5.85	0.78	6.64	77.5	20.8	1.3	0.3	0.8	61
1000 - 1300	51,485.	97.1	5.96	0.98	6.95	75.0	22.8	1.8	0.4	1.0	66
1300 - 1600	52,100.	94.8	5.89	1.72	7.60	71.0	23.6	4.0	1.4	3.2	73
1600 - 1900	50,864.	94.8	5.98	2.08	8.06	69.5	24.3	4.6	1.6	3.6	82
1900 - 2200	38,072.	95.4	7.59	1.65	9.24	58.8	32.6	6.5	2.1	2.4	87
2200 - 2400	19,374.	101.2	10.00	0.47	10.47	50.3	42.5	6.5	0.7	0.2	94
Summary	287,890.	96.9	6.31	1.40	7.71	70.4	25.0	3.5	1.1	2.2	94

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	3,195.	98.0	10.00	0.24	10.24	54.9	39.8	5.1	0.3	0.7	43
0700 - 1000	8,670.	102.2	7.48	0.36	7.84	70.0	27.8	2.1	0.1	0.1	43
1000 - 1300	11,031.	98.4	5.93	0.73	6.67	77.3	21.6	1.0	0.1	0.4	40
1300 - 1600	10,719.	97.7	6.02	1.15	7.17	74.0	22.8	2.3	0.8	1.7	62
1600 - 1900	10,821.	97.6	5.98	1.22	7.20	74.1	23.0	2.3	0.6	1.5	80
1900 - 2200	7,007.	97.5	8.54	1.28	9.82	53.6	36.5	7.9	2.0	1.2	58
2200 - 2400	4,074.	100.9	10.00	0.53	10.53	50.2	42.1	7.0	0.7	0.1	47
Summary	55,517.	98.7	6.74	0.93	7.68	70.4	26.1	2.9	0.6	1.0	80

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	1,017.	106.0	10.00	-0.06	9.94	76.5	21.2	2.3	0.1	4.6	25
0700 - 1000	7,139.	98.5	9.62	0.32	9.93	53.5	41.5	4.8	0.2	0.0	46
1000 - 1300	7,076.	99.4	9.78	0.44	10.22	50.4	41.2	7.6	0.8	0.1	58
1300 - 1600	7,062.	96.6	9.89	1.22	11.11	48.8	39.1	9.3	2.8	0.9	79
1600 - 1900	6,802.	101.7	9.87	0.55	10.42	50.8	41.1	7.3	0.8	0.1	52
1900 - 2200	7,229.	99.0	9.73	0.64	10.37	50.7	41.0	7.6	0.7	0.2	62
2200 - 2400	4,578.	100.6	10.00	0.29	10.29	50.3	43.5	5.9	0.2	0.0	44
Summary	40,903.	99.4	9.82	0.65	10.47	50.8	40.6	7.5	1.2	0.4	79

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	26,935.	98.9	7.52	0.36	7.88	72.0	26.7	1.2	0.1	0.5	43
0700 - 1000	69,081.	99.7	6.17	0.72	6.90	75.7	22.4	1.6	0.3	0.7	61
1000 - 1300	69,592.	97.6	6.37	0.88	7.26	72.7	24.6	2.3	0.4	0.8	66
1300 - 1600	69,881.	95.4	6.31	1.58	7.89	69.2	25.1	4.3	1.4	2.8	79
1600 - 1900	68,487.	95.9	6.34	1.85	8.18	68.2	25.7	4.6	1.4	3.1	82
1900 - 2200	52,308.	96.2	7.95	1.49	9.44	57.2	34.0	6.8	1.9	2.0	87
2200 - 2400	28,026.	101.1	10.00	0.45	10.45	50.3	42.6	6.5	0.6	0.1	94
Summary	384,310.	97.4	6.69	1.27	7.96	68.6	26.5	3.8	1.0	1.9	94

Transport for London - QSI Points and Live Mileage List

Route E5
Service change 27841
Date 12 May 2011

Reason for issue: Re-routed towards Perivale

TRANCHE 519

QSI Points are highlighted.

OUT DIRECTION				
Timing Point	Stop Number	Stop Name	Metres	Miles
Code	Stop Number	Stop Name	Metres	Miles
TPCLKGL S	TPCLKGL S	TOPLOCKS ESTATE, GLADE LANE		
TPCLKGL	BP2061	Toplocks Estate / Glade Lane	0	0.00
	BP2060	Mcnair Road	160	0.10
	BP2065	Gregory Road	392	0.24
	BP2064	Wylie Road	488	0.30
HVKEHR	BP2063	Havelock Estate	152	0.09
	35155	Hunt Road	315	0.20
	BP3766	Havelock Road	339	0.21
	16269	Norwood Gardens	360	0.22
	8412	Adelaide Road	254	0.16
WRNRFR	BP2545	Montague Way	325	0.20
	C96	Featherstone Road	362	0.22
	19033	The Green	337	0.21
	15963	Southall Station	385	0.24
	15961	Park Avenue	176	0.11
STHLTH	7699	Southall Broadway	359	0.22
	CW58	Southall Town Hall	194	0.12
	15310	North Avenue	251	0.16
	25206	Carlyle Avenue	267	0.17
DWLNTR	34861	Telford Road	1352	0.84
	BP028	Wallis Road	287	0.18
	CW4	Golf Links Estate	337	0.21
	CW3	Greenford Road	169	0.11
	17107	Windmill Lane	352	0.22
G GR	17109	Greenford Depot	514	0.32
GNFDRL	33862	Clifton Road	453	0.28
	17025	Greenford Avenue	619	0.38
	17026	Cuckoo Avenue	232	0.14
	25078	Gurnell Leisure Centre	508	0.32
	37005	Perivale Lane	853	0.53
PERIMP	BP3467	Medway Parade	389	0.24
	R0256	Teignmouth Gardens	650	0.40
	R0222	Bideford Avenue	206	0.13
PERITS	BP4879	Perivale Tesco	387	0.24
PERITS S	PERITS S	Perivale, Tescos	0	0.00
TOTAL ROUTE MILEAGE - OUT DIRECTION			12424 metres	7.72 miles

BACK DIRECTION				
Timing Point	Stop Number	Stop Name	Metres	Miles
Code	Stop Number	Stop Name	Metres	Miles
PERITS S	PERITS S	Perivale, Tescos		
PERITS	BP4879	Perivale Tesco	0	0.00
	BP4201	Teignmouth Gardens	786	0.49
PERIMP	BP3466	Welland Gardens	396	0.25
	37004	Perivale Lane	387	0.24
	25079	Gurnell Leisure Centre	951	0.59
	17027	Cuckoo Avenue	321	0.20
	17024	Greenford Avenue	272	0.17
GNFDRL	BP095	Clifton Road	679	0.42
	35800	Cardinal Wiseman High School	296	0.18
G GR	17108	Greenford Depot	217	0.13
	BP4277	Greenford Park	280	0.17
	17106	Windmill Lane	289	0.18
	CW1	Greenford Road	219	0.14
	CW2	Golf Links Estate	190	0.12
	BP029	Wallis Road	296	0.18
DWLNTR	37261	Telford Road	365	0.23
	25205	Denbigh Road	1057	0.66
	25265	Carlyle Avenue	288	0.18
	15311	North Avenue	249	0.15
	27852	Southall Town Hall	240	0.15
STHLTH	34424	Southall Broadway	188	0.12
	15960	Park Avenue	318	0.20
	20406	Southall Station	264	0.16
	8750	The Green	392	0.24
	C95	Featherstone Road	289	0.18
WRNRFR	15965	Sussex Road	469	0.29
	C98	Waltham Road	225	0.14
	35150	Havelock Road	196	0.12
	35151	Marlow Road	245	0.15
	35152	Hunt Road	426	0.26
HVKEHR	35153	Havelock Estate	275	0.17
	C93	Wylie Road	235	0.15
	35154	Gregory Road	333	0.21
	BP2059	Trubshaw Road	417	0.26
	BP2062	Mcnair Road	181	0.11
TPCLKGL	BP2061	Toplocks Estate / Glade Lane	138	0.09
TPCLKGL S	TPCLKGL S	TOPLOCKS ESTATE, GLADE LAI	0	0.00
TOTAL ROUTE MILEAGE - BACK DIRECTION			12369 metres	7.69 miles