

7. Service Specification

Route: 178

Contract Reference: QC63102

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	178
Terminus Points	Woolwich, Calderwood Street/Thomas Street and Lewisham Bus Station, Station Road/ Lewisham, Molesworth Street
Contract Basis	Incentivised
Commencement Date	8 th December 2018
Vehicle Type - Option 1	87 capacity, dual door, double deck vehicles, subject to a satisfactory route test
Vehicle Type - Option 2	60 capacity, dual door, single deck vehicles, minimum 10.8m long, subject to a satisfactory route test
Current Maximum Approved Dimensions	10.2 metres long and 2.4 metres wide
New Vehicles Mandatory	Yes
Hybrid Price Required - Option 1	Yes
Hybrid Price Required - Option 2	No
Sponsored Route	No
Advertising Rights	Operator
Minimum Performance Standard (Options 1 & 2)	Departing on Time - No less than 82%
Extension Threshold (Options 1 & 2)	Departing on Time Threshold - 85%
Minimum Operated Mileage Standard	No less than 98%

The Date of Tender for this ITT is: No later than 12 Noon on Monday 2nd July 2018.

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, the Corporation expects to implement a change to the existing service prior to the commencement of the new Route Agreement for Route No. 178.

- Route No. 178 is re-routed from Kidbrooke Park Road via Cambert Way, Cambert Road, Ryan Close and Tudway Road to Kidbrooke Park Road to re-join normal line of routeing in both directions.
- Ex, Woolwich, Calderwood Street, the section of Kidbrooke Park Road (between the junctions of Cambert Way and Tudway Road) is withdrawn.
- **Please see Section 5 for a full list of streets traversed and standing arrangements.**

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:

Two vehicles options are specified as follows:

Option 1

- Conversion of Route No. 178 from 55 capacity, dual door, single deck vehicles to new 87 capacity, dual door, double deck vehicles is specified, subject to a satisfactory route test.

Option 2

- 60 capacity, dual door, single deck vehicles, minimum 10.8m long are specified, subject to a satisfactory route test.

2) NOTES - continued

OPTION 1

Operators should provide the following prices:

- 1. Annual diesel-electric hybrid price - based on minimum 5 year contract.**

Tenderers are encouraged to offer alternative vehicle options in accordance with Part 9 of their tender, including but not limited to:

- 1. New two door, single staircase vehicles inspired by the New Routemaster in respect of both their external and internal design, to the appropriate specification agreed between TfL and the manufacturers.**
- 2. Vehicles that offer genuine increased capacity on two axles and are certified as such.**
- 3. Modifications to reduce emissions and fuel consumption (including energy storage, engine stop/start, extended zero-emission range and/or energy efficient components)**
- 4. Existing vehicles. Separate costs must be provided both excluding and including the cost of upgrading to Euro VI standards. The inclusive costs should be on a per bus per annum basis.**

OPTION 2

Operators should provide the following prices:

- 1. Annual diesel price - based on minimum 5 year contract.**

Tenderers are encouraged to offer alternative vehicle options in accordance with Part 9 of their tender, including but not limited to:

- 1. Modifications to reduce emissions and fuel consumption (including energy storage, engine stop/start and/or energy efficient components).**
- 2. Zero emission vehicles (e.g. electric or fuel cell).**
- 3. Existing vehicles. Separate costs must be provided both excluding and including the cost of upgrading to Euro VI standards. The inclusive costs should be on a per bus per annum basis.**

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Woolwich, Calderwood Street to Lewisham Bus Station, Station Road			Lewisham, Molesworth Street to Woolwich, Thomas Street		
First departure no later than 0505.			First departure no later than 0505.		
0500 - 0605	Every 20 minutes		0500 - 0605	Every 20 minutes	
0606 - 1905	Every 15 minutes		0606 - 1850	Every 15 minutes	
1906 - 0010	Every 20 minutes		1851 - 0015	Every 20 minutes	
Last departure no earlier than 0005.			Last departure no earlier than 0010.		
Pinchpoints					
Kidbrooke Station	0710 - 0910	15 minutes	Blackheath, Sun-In-The-Sands	0710 - 0910	15 minutes
	1455 - 1640	15 minutes		1500 - 1630	15 minutes

3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Woolwich, Calderwood Street to Lewisham Bus Station, Station Road			Lewisham, Molesworth Street to Woolwich, Thomas Street		
First departure no later than 0505.			First departure no later than 0505.		
0500 - 0635	Every 30 minutes		0500 - 0635	Every 30 minutes	
0636 - 0705	Every 20 minutes		0636 - 0735	Every 20 minutes	
0706 - 1905	Every 15 minutes		0736 - 1850	Every 15 minutes	
1906 - 0010	Every 20 minutes		1851 - 0015	Every 20 minutes	
Last departure no earlier than 0005.			Last departure no earlier than 0010.		
Pinchpoints					
Kidbrooke Station	0905 - 1105	15 minutes	Blackheath, Sun-In-The-Sands	0910 - 1110	15 minutes

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

Woolwich, Calderwood Street to Lewisham Bus Station, Station Road			Lewisham, Molesworth Street to Woolwich, Thomas Street		
First departure no later than 0635.			First departure no later than 0635.		
0630 - 0805	Every 30 minutes		0630 - 0835	Every 30 minutes	
0806 - 0010	Every 20 minutes		0836 - 0015	Every 20 minutes	
Last departure no earlier than 0005.			Last departure no earlier than 0010.		
Pinchpoints					
Kidbrooke Station	1005 - 1145	20 minutes	Blackheath, Sun-In-The-Sands	1010 - 1130	20 minutes

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

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. 178 should interwork with Route No. 122 between Eltham Road (at junction with Kidbrooke Park Road) and Lee High Road (at junction with Lewis Grove) during Mondays to Fridays daytime.
- 4.2) Route No. 178 can suffer from unpredictable traffic delays in the Woolwich and Lewisham areas.
- 4.3) Kidbrooke Village is currently being redeveloped. This may have an impact on demand on Route No. 178.
- 4.4) The Elizabeth line is expected to open in December 2018 and 3 separate services will operate from Paddington to Abbey Wood/Heathrow and from Liverpool Street to Shenfield. The full Elizabeth line service will operate from Reading and Heathrow to Shenfield and Abbey Wood and is expected to commence in late 2019. There is potential for a change in passenger demand once the line becomes fully operational. A review, post opening of the Elizabeth line, will be undertaken if required.

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 178: Woolwich, Monk Street - Lewisham, Thurston Road

Date of Structural Change: 8 December 2018.

Date of Service Change: 8 December 2018.

Reason for Issue: New Tender.

STREETS TRAVERSED

Towards Lewisham, Thurston Road: Calderwood Street, Thomas Street, Woolwich New Road, Ha Ha Road, Stadium Road, Baker Road, Shooters Hill Road, Sun-In-The-Sands Roundabout, Shooters Hill Road, Kidbrooke Park Road, Henley Cross, Kidbrooke Interchange, Henley Cross, Kidbrooke Park Road, Cambert Way, Ryan Close, Tudway Road, Kidbrooke Park Road, Eltham Road, Lee High Road, Lewisham High Street, Station Road.

Towards Woolwich, Monk Street: Molesworth Street, Rennell Street, Lewisham High Street, Lee High Road, Eltham Road, Kidbrooke Park Road, Cambert Way, Ryan Close, Tudway Road, Kidbrooke Park Road, Henley Cross, Kidbrooke Interchange, Henley Cross, Kidbrooke Park Road, Shooters Hill Road, Sun-In-The-Sands Roundabout, Shooters Hill Road, Baker Road, Stadium Road, Ha Ha Road, Woolwich New Road, Grand Depot Road, Woolwich New Road, Thomas Street.

AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

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

WOOLWICH, MONK STREET

Public stand for five buses in Monk Street in three parts:

1 - For two buses on the west side commencing 52 metres north of Castile Road and extending 25 metres south.

2 - For two buses on the west side commencing 42 metres north of Calderwood Street extending 25 metres south.

3 - For one bus on east side commencing 10 metres north of Calderwood Street extending 13.5 metres north.

Buses proceed from Thomas Street via Calderwood Street and Monk Street to stand, departing via Monk Street, Bus Turning Circle and Monk Street to Calderwood Street. Set down in Thomas Street, at Stop W (36541 - Thomas Street, Last Stop on LOR: 36541 - Thomas Street) and pick up in Calderwood Street, at Stop V (36810 - Calderwood Street, First Stop on LOR: 36810 - Calderwood Street).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 178 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:	Woolwich.

WOOLWICH COMMON, QUEEN ELIZABETH HOSPITAL (from LEWISHAM, THURSTON ROAD)

Public stand for 7 buses in marked areas in Bus Parking Area on east side of Stadium Road opposite Ranken House.

Buses proceed from Stadium Road via Bus Standing Area to stand, departing via Bus Standing Area to Stadium Road. Set down in Stadium Road, at Stop H3 (BP2729 - Queen Elizabeth Hospital / West Entrance, Last Stop on LOR: BP2729 - Queen Elizabeth Hospital / West Entrance) and pick up in Stadium Road, at Stop H4 (35591 - Queen Elizabeth Hospital / West Entrance, First Stop on LOR: 35591 - Queen Elizabeth Hospital / West Entrance).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	Unscheduled curtailments only
MEAL RELIEFS:	No meal relief vehicles to stand at any time.
FERRY VEHICLES:	No ferry vehicles to park on stand at any time.
BLIND DISPLAY:	Queen Elizabeth Hospital.

SHOOTERS HILL ROAD, SUN IN THE SANDS

From Lewisham, Thurston Road.

Buses proceed from Shooters Hill Road via Sun-In-The-Sands Roundabout departing to Shooters Hill Road. Set down in Shooters Hill Road, at stop R (20237 - Shooters Hill Road / Kidbrooke Park Road, Last Stop on LOR: 20237 - Shooters Hill Road / Kidbrooke Park Road) and pick up in Shooters Hill Road, at stop D (19692 - Shooters Hill Road / Kidbrooke Park Road, First Stop on LOR: 19692 - Shooters Hill Road / Kidbrooke Park Road).

From Woolwich, Monk Street.

Buses proceed from Shooters Hill Road via Sun-In-The-Sands Roundabout departing to Shooters Hill Road. Set down in Shooters Hill Road, at stop C (29021 - Old Dover Road, Last Stop on LOR: 29021 - Old Dover Road) and pick up in Shooters Hill Road, at stop S (19693 - Shooters Hill Road / Eastbrook Road, First Stop on LOR: 19693 - Shooters Hill Road / Eastbrook Road).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: **Turning Point Only - Buses must not stand**
BLIND DISPLAY: Shooters Hill Road, Sun-in-the-Sands.

KIDBROOKE STATION, HENLEY CROSS

Private offside stand for 1 bus on north side of Henley Cross turning area adjacent to north side of Kidbrooke Station.

From Lewisham, Thurston Road.

Buses proceed from Kidbrooke Interchange direct to stand, departing to Kidbrooke Interchange. Set down in Kidbrooke Interchange, at Stop A (BP2001 - Kidbrooke Station # / Henley Cross, Last Stop on LOR: BP2001 - Kidbrooke Station # / Henley Cross) and pick up in Kidbrooke Interchange, at Stop B (BP4189 - Kidbrooke Station #, First Stop on LOR: BP4189 - Kidbrooke Station #).

From Woolwich, Monk Street.

Buses proceed from Kidbrooke Interchange direct to stand, departing to Kidbrooke Interchange. Set down in Kidbrooke Interchange, at Stop A (BP4189 - Kidbrooke Station #, Last Stop on LOR: BP4189 - Kidbrooke Station #) and pick up in Kidbrooke Interchange, at Stop A (BP2001 - Kidbrooke Station # / Henley Cross, First Stop on LOR: BP2001 - Kidbrooke Station # / Henley Cross).

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: Kidbrooke.

LEE GREEN (from Woolwich, Monk Street)

Buses proceed from Eltham Road via Burnt Ash Road, Dorville Road and Cambridge Drive departing to Eltham Road. Set down in Eltham Road, at stop J (18188 - Lee Green, Last Stop on LOR: 18188 - Lee Green) and pick up in Eltham Road, at stop EA (19649 - Weigall Road, First Stop on LOR: 19649 - Weigall Road).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: **Turning Point Only - Buses must not stand**
BLIND DISPLAY: Lee Green.

LEWISHAM, THURSTON ROAD

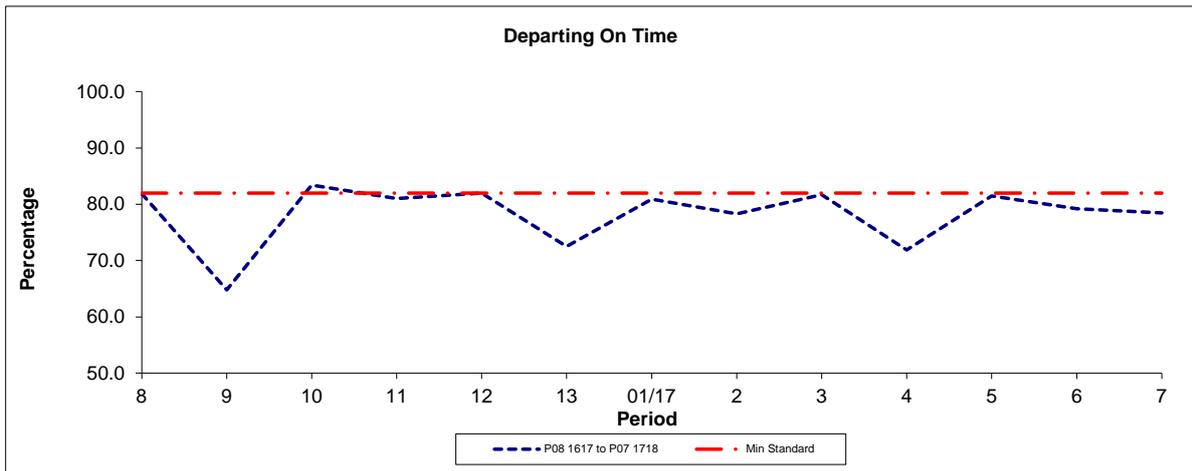
Private stand for 17 buses standing abreast in bus parking area on north-east side of Thurston Road.

Buses proceed from Station Road via Loampit Vale, Jerrard Street, Thurston Road Bus Stand Entrance and Thurston Road Bus Stand to stand, departing via Thurston Road Bus Stand, Thurston Road Bus Stand Exit, Thurston Road and Loampit Vale to Molesworth Street. Set down in Station Road, at stop AP (BP5993 - Lewisham Station # [dlr], Last Stop on LOR: BP5859 - Molesworth Street) and pick up in Molesworth Street, at stop D (BP5989 - Lewisham Station # [dlr], First Stop on LOR: BP1118 - Lewisham Police Station).

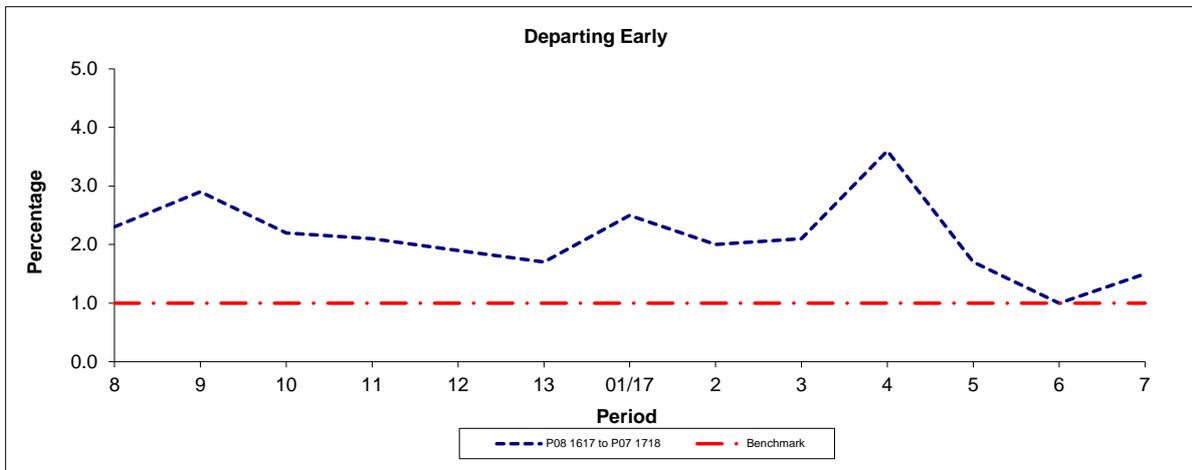
AVAILABILITY: At any time.
OPERATING RESTRICTIONS: No more than 2 buses on Route 178 should be scheduled to stand at any one time.
MEAL RELIEFS: No meal relief vehicles to stand at any time.
FERRY VEHICLES: No ferry vehicles to park on stand at any time.
BLIND DISPLAY: Lewisham Station.

PART B - PERFORMANCE STATISTICS

Route 178



Period	8	9	10	11	12	13	01/17	2	3	4	5	6	7
P08 1617 to P07 1718	81.9	64.8	83.4	81.0	82.0	72.5	80.9	78.3	81.7	71.9	81.5	79.2	78.5
Min Standard	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0

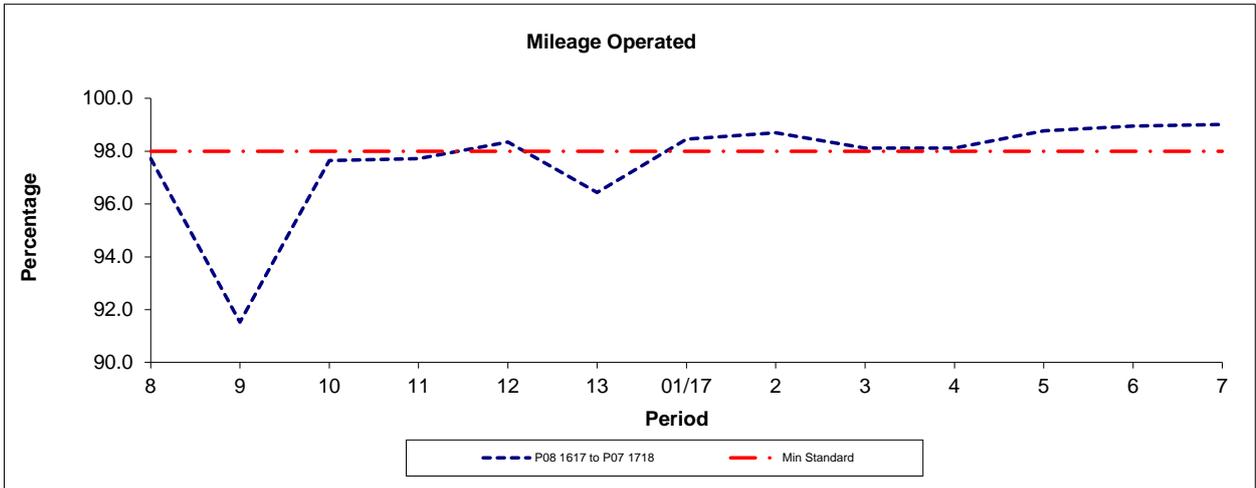


Period	8	9	10	11	12	13	01/17	2	3	4	5	6	7
P08 1617 to P07 1718	2.3	2.9	2.2	2.1	1.9	1.7	2.5	2.0	2.1	3.6	1.7	1.0	1.5
Benchmark	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

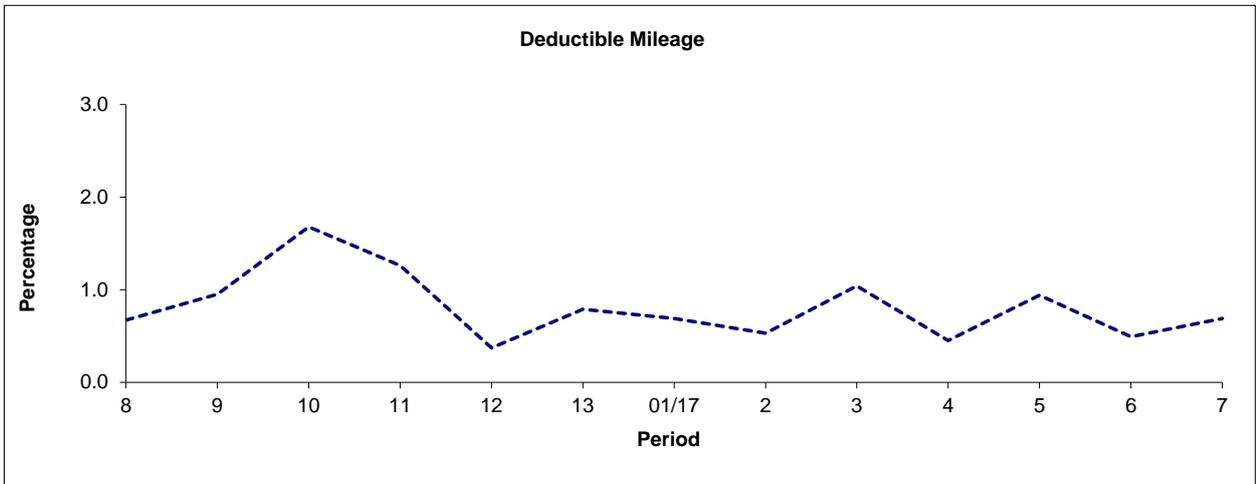
Note : Reliability is actual performance under full iBus (4 weeks data).
Minimum Standards and Benchmarks are those applicable under the new contract.

PART B - PERFORMANCE STATISTICS

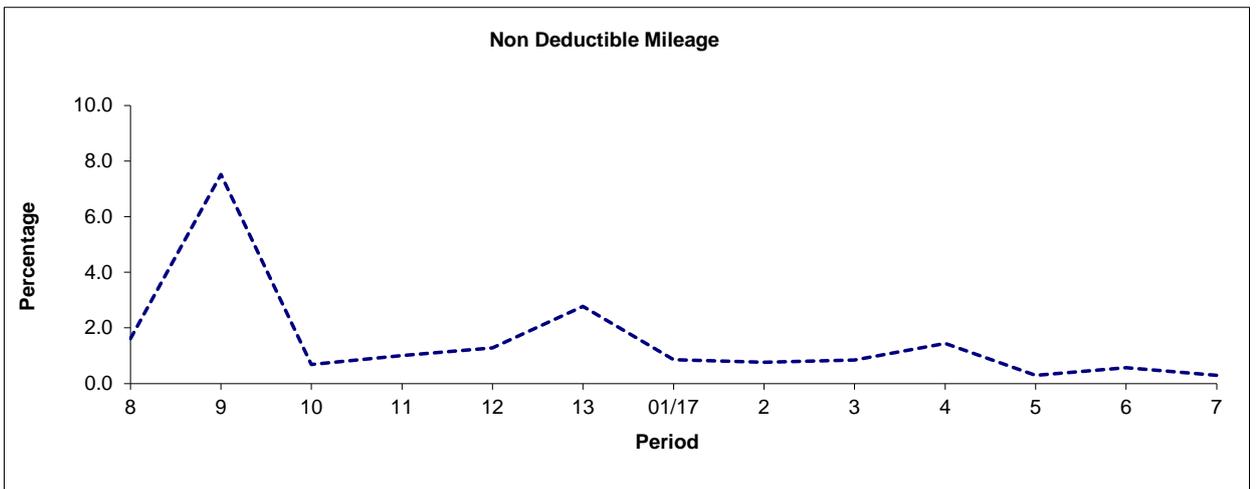
Route 178



Period	8	9	10	11	12	13	01/17	2	3	4	5	6	7
P08 1617 to P07 1718	97.72	91.53	97.64	97.72	98.35	96.44	98.45	98.70	98.12	98.12	98.77	98.95	99.01
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	8	9	10	11	12	13	01/17	2	3	4	5	6	7
P08 1617 to P07 1718	0.67	0.95	1.68	1.26	0.37	0.79	0.69	0.53	1.04	0.45	0.94	0.49	0.69



Period	8	9	10	11	12	13	01/17	2	3	4	5	6	7
P08 1617 to P07 1718	1.61	7.52	0.68	1.01	1.28	2.77	0.86	0.77	0.85	1.44	0.29	0.57	0.30

Note: Mileage is based on 4 weeks data

ROUTE 178 - FULL iBUS RESULTS BY TIME OF DAY
QUARTER 3 16/17 TO QUARTER 2 17/18 (17/09/16 - 15/09/17)

MONDAY - FRIDAY

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	Linked Buses (%)	On Time (%)	Non Arrival / Not Linked (%)	Early (%)	Late (%)
05:00 - 07:00	16,147	15,832	98.0	99.1	92.8	1.0	2.5	3.7
07:00 - 10:00	28,502	27,432	96.2	95.2	78.8	4.8	2.7	13.8
10:00 - 13:00	27,886	27,300	97.9	96.8	84.5	3.1	1.5	10.8
13:00 - 16:00	28,168	27,647	98.2	97.4	79.7	2.9	2.1	15.2
16:00 - 19:00	28,129	26,616	94.6	92.0	66.9	8.1	2.4	22.6
19:00 - 22:00	23,415	23,001	98.2	96.2	78.6	4.2	1.8	15.4
22:00 - 24:00	14,849	14,730	99.2	98.0	84.1	2.1	2.0	11.9
All Locations Summary	167,096	162,558	97.3	96.1	77.9	4.6	2.2	15.4

SATURDAY

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	Linked Buses (%)	On Time (%)	Non Arrival / Not Linked (%)	Early (%)	Late (%)
05:00 - 07:00	2,174	2,160	99.4	98.7	91.1	1.3	4.4	3.2
07:00 - 10:00	5,885	5,714	97.1	98.4	86.7	1.7	1.7	9.9
10:00 - 13:00	5,971	5,813	97.4	96.6	79.3	3.4	2.1	15.1
13:00 - 16:00	5,827	5,732	98.4	95.9	77.0	4.3	2.4	16.4
16:00 - 19:00	5,764	5,628	97.6	95.2	79.7	4.9	3.0	12.4
19:00 - 22:00	4,773	4,660	97.6	96.8	78.5	3.9	2.0	15.7
22:00 - 24:00	3,104	3,114	100.3	99.5	87.4	0.6	1.8	10.2
All Locations Summary	33,498	32,821	98.0	97.0	80.3	3.6	2.4	13.7

SUNDAYS & BANK HOLIDAYS

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	Linked Buses (%)	On Time (%)	Non Arrival / Not Linked (%)	Early (%)	Late (%)
05:00 - 07:00	773	709	91.7	99.2	91.4	0.8	1.9	6.0
07:00 - 10:00	5,140	5,056	98.4	99.1	84.6	1.2	1.5	12.7
10:00 - 13:00	5,027	4,986	99.2	97.4	79.0	3.0	2.2	15.9
13:00 - 16:00	5,035	4,899	97.3	95.4	72.1	4.9	2.3	20.7
16:00 - 19:00	5,102	5,034	98.7	97.6	78.2	2.5	2.1	17.2
19:00 - 22:00	5,088	5,017	98.6	98.2	80.3	2.0	1.9	15.7
22:00 - 24:00	3,408	3,410	100.1	98.4	88.6	1.6	2.3	7.6
All Locations Summary	29,573	29,111	98.4	97.7	78.5	3.0	2.1	16.5

ALL DAYS

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	Linked Buses (%)	On Time (%)	Non Arrival / Not Linked (%)	Early (%)	Late (%)
05:00 - 07:00	19,094	18,701	97.9	99.0	92.5	1.0	2.6	3.8
07:00 - 10:00	39,527	38,202	96.6	96.2	79.7	4.3	2.5	13.4
10:00 - 13:00	38,884	38,099	98.0	96.9	83.1	3.2	1.7	12.1
13:00 - 16:00	39,030	38,278	98.1	96.9	78.5	3.3	2.2	16.0
16:00 - 19:00	38,995	37,278	95.6	93.2	69.6	7.2	2.4	20.9
19:00 - 22:00	33,276	32,678	98.2	96.6	78.8	3.9	1.8	15.5
22:00 - 24:00	21,361	21,254	99.5	98.3	85.2	1.8	2.0	11.1
All Locations Summary	230,167	224,490	97.5	96.4	78.3	4.3	2.2	15.3

Transport for London - QSI Points and Live Mileage List

Route: 178

Service change: 46378

Date: 25/11/2017

Reason for Issu

QSI Points are highlighted

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
WOOLCS	36810	Calderwood Street		
	BP5479	Woolwich Arsenal Station	299	0.19
	26642	Claydown Mews	463	0.29
	44027	Gunner Lane	260	0.16
	35502	Haha Road / Grand Depot Road	289	0.18
	35503	Queen Elizabeth Hospital / Main Entrance	779	0.48
WCOMHP	35591	Queen Elizabeth Hospital / West Entrance	303	0.19
	BP2824	Greenwich Heights	185	0.11
	19688	Shooters Hill Road / Baker Road	384	0.24
	20444	Pallet Way	280	0.17
	19690	Charlton Park Lane	358	0.22
	4663	Weyman Road	284	0.18
	36855	Hervey Road	190	0.12
	29021	Old Dover Road	190	0.12
BHTHSS	19692	Shooters Hill Road / Kidbrooke Park Road	457	0.28
	36534	Annesley Road	306	0.19
	36552	Kidbrooke Park Close	211	0.13
	36550	Thomas Tallis School	531	0.33
	36540	Kidbrooke Park Rd / Homebase Superstore	374	0.23
KIDBSN	BP4189	Kidbrooke Station	203	0.13
	BP4207	Cranfield Walk	223	0.14
KIDBRC	TS0013	Ryan Close	684	0.43
	BP5931	Gerrard Way	275	0.17
	BP5882	Tudway Road	261	0.16
	19653	Eltham Road / Kidbrooke Park Road	301	0.19
	19652	Courtlands Avenue	259	0.16
	19650	Weigall Road	152	0.09
	BP4667	Cambridge Drive	185	0.11
LEEGLG	18188	Lee Green	349	0.22
	19646	Lampmead Road	301	0.19
	19644	Dacre Park	301	0.19
	19640	Brandram Road	300	0.19
	3383	Belmont Park	346	0.21
	19638	Marischal Road	222	0.14
	29292	Belmont Hill	228	0.14
	BP5969	Lewisham Clock Tower	132	0.08
LEWSSR	BP5993	Lewisham Station	513	0.32
Total Route Mileage - Out Direction			11378	7.07
			Metres	Miles

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BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
LEWSMS	BP5989	Lewisham Station		
	283	Belmont Hill	361	0.22
	19637	Belmont Park	239	0.15
	3384	Manor Park	285	0.18
	19639	Brandram Road	306	0.19
	19643	Dacre Park	263	0.16
	19645	Lampmead Road	265	0.16
LEEGLG	BP4533	Lee Green /The Old Tigers Head	141	0.09
	19647	Cambridge Drive	392	0.24
	19649	Weigall Road	282	0.18
	19651	Courtlands Avenue	184	0.11
	8424	Eltham Road /Kidbrooke Park Road	221	0.14
	BP5881	Tudway Road	376	0.23
KIDBRC	TS0013	Ryan Close	472	0.29
	BP5931	Gerrard Way	275	0.17
	BP5880	Kidbrooke Park Road	738	0.46
	BP4208	Cranfield Walk	273	0.17
KIDBSN	BP2001	Kidbrooke Station /Henley Cross	399	0.25
	36539	Kidbrooke Park Rd /Homebase Superstore	164	0.10
	36549	Thomas Tallis School	366	0.23
	36553	Kidbrooke Park Close	535	0.33
	36554	Annesley Road	268	0.17
BHTHSS	20237	Shooters Hill Road /Kidbrooke Park Road	245	0.15
	19693	Shooters Hill Road /Eastbrook Road	265	0.16
	29054	Hervey Road	308	0.19
	4664	Weyman Road	290	0.18
	19691	Charlton Park Lane	248	0.15
	20445	Pallet Way	402	0.25
	BP2823	Greenwich Heights	526	0.33
WCOMHP	BP2729	Queen Elizabeth Hospital /West Entrance	301	0.19
	35589	Queen Elizabeth Hospital /Main Entrance	165	0.10
	35505	Ha-Ha Road /Repository Road	369	0.23
	26645	Gunner Lane	607	0.38
	26644	Naafi Messing Store	383	0.24
	26639	Woolwich Arsenal Station	442	0.27
WOOLTS	36541	Thomas Street	235	0.15
Total Route Mileage - Back Direction			11591	7.20
			Metres	Miles