

7. Service Specification

Route: 161

QC40503

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	Chislehurst, War Memorial to North Greenwich Station, Bus Station
Contract Basis	Incentivised
Commencement Date	16 th March 2013
Vehicle Type	87 capacity, dual door, double deck buses are required for capacity reasons and therefore smaller buses are not acceptable.
Current Maximum Approved Dimensions	10.6 metres long and 2.55 metres wide
New Vehicles Mandatory	Yes
Hybrid Price Required	No
Sponsored Route	No
Minimum Performance Standard	Average Excess Wait Time - No more than 1.10 minutes
Extension Threshold	Average Excess Wait Time Threshold - 0.95 minutes
Advertising Rights	Operator
Minimum Operated Mileage Standard	No less than 98.00%

The Date of Tender for this ITT is: No later than 12 Noon on 27th February 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) QSI POINTS & MILEAGE
- 5) OPERATIONAL CONSIDERATIONS
- 6) CURRENT PERFORMANCE ROUTE RECORD & IBUS MILEAGE

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. 161.

Tenderers should note that there are no changes proposed as part of this Service Specification for Route No. 161.

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Chislehurst, War Memorial to North Greenwich Station, Bus Station		North Greenwich Station, Bus Station to Chislehurst, War Memorial	
First departure no later than 0430.		First departure no later than 0520.	
0425 - 0510	Every 20 minutes	0515 - 0600	Every 20 minutes
0511 - 0610	Every 15 minutes	0601 - 0645	Every 15 minutes
0611 - 1840	Every 10 minutes	0646 - 1910	Every 10 minutes
1841 - 0025	Every 12 minutes	1911 - 0115	Every 12 minutes
Last departure no earlier than 0020.		Last departure no earlier than 0110.	
Pinchpoints			
Woolwich Arsenal Station	0740 - 0910 1505 - 1635	10 minutes 10 minutes	Eltham Church, Well Hall Road
			0730 - 0900 1500 - 1630
			10 minutes 10 minutes

3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Chislehurst, War Memorial to North Greenwich Station, Bus Station		North Greenwich Station, Bus Station to Chislehurst, War Memorial	
First departure no later than 0430.		First departure no later than 0520.	
0425 - 0730	Every 30 minutes	0515 - 0745	Every 30 minutes
0731 - 0830	Every 15 minutes	0746 - 0845	Every 15 minutes
0831 - 1645	Every 10 minutes	0846 - 1750	Every 10 minutes
1646 - 0025	Every 12 minutes	1751 - 0115	Every 12 minutes
Last departure no earlier than 0020.		Last departure no earlier than 0110.	
Pinchpoints			
Woolwich Arsenal Station	0935 - 1105	10 minutes	Eltham Church, Well Hall Road
			0930 - 1100
			10 minutes

3.3) SUNDAY AND PUBLIC HOLIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Chislehurst, War Memorial to North Greenwich Station, Bus Station		North Greenwich Station, Bus Station to Chislehurst, War Memorial	
First departure no later than 0620.		First departure no later than 0605.	
0615 - 0850	Every 30 minutes	0600 - 0905	Every 30 minutes
0851 - 0935	Every 15 minutes	0906 - 0935	Every 15 minutes
0936 - 0025	Every 12 minutes	0936 - 0115	Every 12 minutes
Last departure no earlier than 0020.		Last departure no earlier than 0110.	
Pinchpoints			
Woolwich Arsenal Station	1030 - 1130	12 minutes	Eltham Church, Well Hall Road
			1035 - 1135
			12 minutes

3.4) BOXING DAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Chislehurst, War Memorial to North Greenwich Station, Bus Station		North Greenwich Station, Bus Station to Chislehurst, War Memorial	
First departure no later than 0820.		First departure no later than 0805.	
0815 - 0850	Every 30 minutes	0800 - 0905	Every 30 minutes
0851 - 0935	Every 15 minutes	0906 - 0935	Every 15 minutes
0936 - 0025	Every 12 minutes	0936 - 0115	Every 12 minutes
Last departure no earlier than 0020.		Last departure no earlier than 0110.	
Pinchpoints			
Woolwich Arsenal Station	1030 - 1130	12 minutes	Eltham Church, Well Hall Road
			1035 - 1135
			12 minutes

4) QSI POINTS & MILEAGE

It is intended Route No. 161 will have 128 surveys per quarter at the following locations:

QSI POINTS	
Towards North Greenwich Station, Bus Station	Towards Chislehurst, War Memorial
Chislehurst	North Greenwich
Eltham \$	Woolwich
Shooters Hill \$	Shooters Hill \$
Charlton	Eltham \$
MILEAGE: See Attached iBus Sheets	

\$ This location is recorded simultaneously in both directions - counted as two surveys.

5) OPERATIONAL CONSIDERATIONS

- 5.1) Route No. 161 should interwork with other bus services where possible.
- 5.2) When compiling schedules Tenderers are asked to consider passengers making connections to other services at the following locations: Charlton Rail Station, Eltham Rail Station and Mottingham Rail Station.
- 5.3) Route No. 161 can suffer unpredictable traffic delays in the Eltham, Woolwich Town Centre and Chislehurst War Memorial areas.
- 5.4) There can be unpredictable delays and congestion around the A102 flyover and Woolwich Ferry due to traffic seeking alternative routeing if there are problems on the A2.
- 5.5) Football matches at Charlton Football Club can also cause traffic congestion in the Woolwich Road area.

6) CURRENT PERFORMANCE, ROUTE RECORD & IBUS MILEAGE

6.1) CURRENT PERFORMANCE

As per current print out.

6.2) ROUTE RECORD

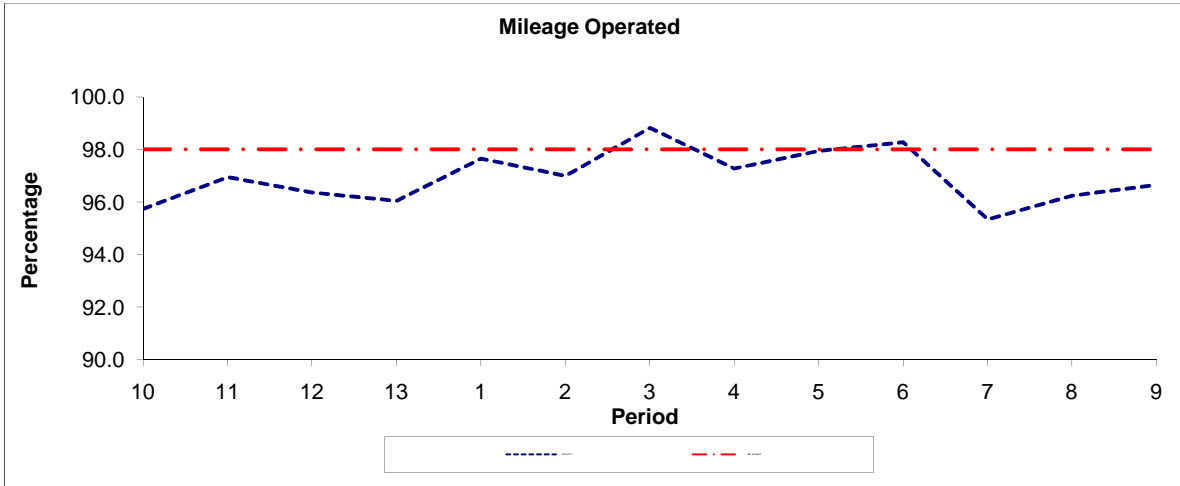
As per Busnet Printout.

6.3) IBUS MILEAGE

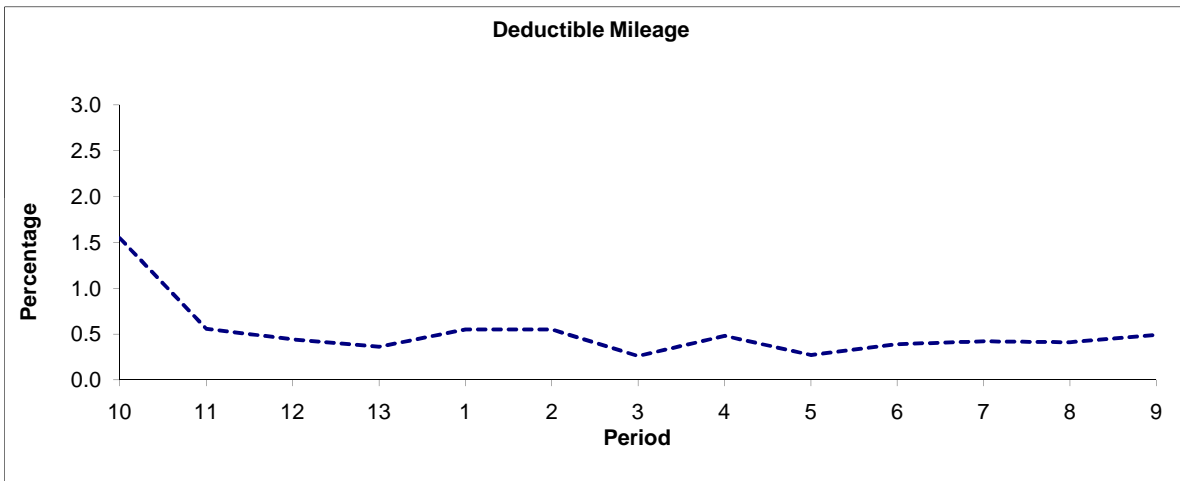
As per current print out.

PART B - PERFORMANCE STATISTICS

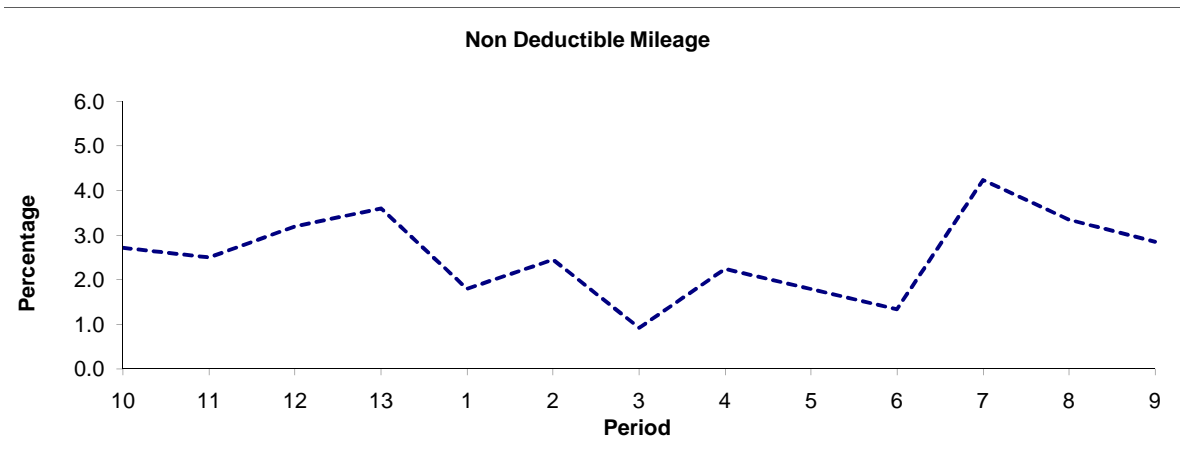
Route 161



Period	10	11	12	13	1	2	3	4	5	6	7	8	9
2010/2011	95.74	96.94	96.36	96.04	97.65	97.00	98.82	97.28	97.94	98.27	95.34	96.24	96.66
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	10	11	12	13	1	2	3	4	5	6	7	8	9
2010/2011	1.55	0.56	0.44	0.36	0.55	0.55	0.26	0.48	0.27	0.39	0.42	0.41	0.49

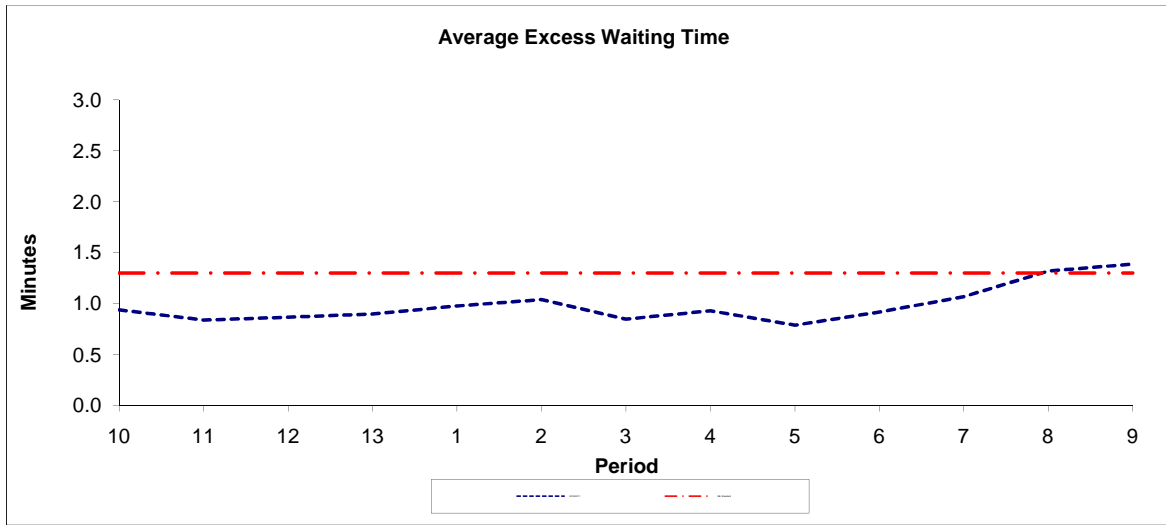


Period	10	11	12	13	1	2	3	4	5	6	7	8	9
2010/2011	2.71	2.50	3.20	3.60	1.80	2.45	0.92	2.24	1.79	1.34	4.24	3.35	2.85

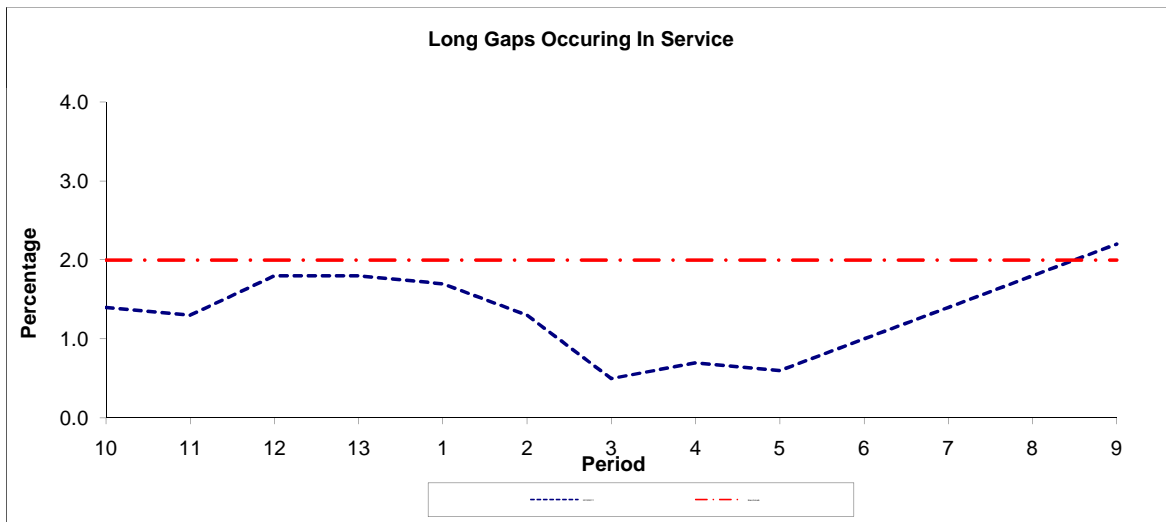
Note : Mileage is based on 4 weeks data

PART B - PERFORMANCE STATISTICS

Route 161



Period	10	11	12	13	1	2	3	4	5	6	7	8	9
2010/2011	0.94	0.84	0.87	0.90	0.98	1.04	0.85	0.93	0.79	0.92	1.07	1.32	1.39
Min Standard	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30



Period	10	11	12	13	1	2	3	4	5	6	7	8	9
2010/2011	1.40	1.30	1.80	1.80	1.70	1.30	0.50	0.70	0.60	1.00	1.40	1.80	2.20
Benchmark	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

Note : Reliability is based on 12 weeks rolling data

LONDON BUSES - ROUTE DESCRIPTION

ROUTE 161: Chislehurst, War Memorial - North Greenwich

Date of Structural Change: 16 March 2013.

Date of Service Change: 16 March 2013.

Reason for Issue: New contract.

STREETS TRAVERSED

Towards North Greenwich: Pound Way, Royal Parade, Centre Common Road, Chislehurst High Street, Red Hill, White Horse Hill, Mottingham Road, Court Road, Court Yard, Well Hall Road, Well Hall Roundabout, Well Hall Road, Shooters Hill Road, Baker Road, Stadium Road, Ha Ha Road, Woolwich New Road, Grand Depot Road, Woolwich New Road, Beresford Street, Woolwich High Street, Woolwich Church Street, Woolwich Road, Horn Lane Roundabout, Peartree Way, Pilot Busway, Edmund Halley Way, North Greenwich Bus Station.

Towards Chislehurst, War Memorial: North Greenwich Bus Station, Edmund Halley Way, Pilot Busway, Peartree Way, Horn Lane Roundabout, Woolwich Road, Woolwich Church Street, John Wilson Street, Castile Road, Monk Street, Calderwood Street, Thomas Street, Woolwich New Road, Ha Ha Road, Stadium Road, Baker Road, Shooters Hill Road, Well Hall Road, Well Hall Roundabout, Well Hall Road, Court Yard, Court Road, Mottingham Road, White Horse Hill, Red Hill, Chislehurst High Street, Centre Common Road, Bromley Lane, Pound Way.

AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

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

CHISLEHURST, WAR MEMORIAL

Private stand for 2 buses on south side of Pound Way between the two arms of Royal Parade.

Buses proceed from Pound Way direct to stand, departing to Pound Way. Set down in Pound Way, at Stop T (33313 - Chislehurst War Memorial, Last Stop on LOR: 33313 - Chislehurst War Memorial) and pick up in Pound Way, at Stop T (33313 - Chislehurst War Memorial, First Stop on LOR: 33313 - Chislehurst War Memorial).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: No more than 2 buses on Route 161 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: Chislehurst, War Memorial.
OTHER INFORMATION: No toilet facilities available.

MOTTINGHAM VILLAGE (from NORTH GREENWICH)

Buses proceed from Court Road via Mottingham Road, Grove Park Road and Mottingham Road departing to Court Road. Set down in Mottingham Road, at Alighting Point (14386 - Mottingham Road / Court Road, Last Stop on LOR: 9818 - Mottingham Station #) and pick up in Court Road, at Stop ML (7584 - Court Road / Mottingham Road, First Stop on LOR: 7584 - Court Road / Mottingham Road).

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

ELTHAM STATION

Private stand for up to 9 buses in bus station adjacent to Eltham Station on east side of Well Hall Road, facing west in centre parking area.

From Chislehurst, War Memorial.

Buses proceed from Well Hall Road via Eltham Bus Station to stand, departing via Eltham Bus Station to Well Hall Road. Set down in Eltham Bus Station, at Alighting Point (40082 - Eltham Bus Station #, Last Stop on LOR: 26665 - Eltham Church / Well Hall Road) and pick up in Well Hall Road, at Stop E (25751 - Eltham Station # / Lassa Road, First Stop on LOR: 25751 - Eltham Station # / Lassa Road).

From North Greenwich.

Buses proceed from Well Hall Road via Eltham Bus Station to stand, departing via Eltham Bus Station to Well Hall Road. Set down in Well Hall Road, at Stop D (25749 - Eltham Station # / Sherard Road, Last Stop on LOR: 25749 - Eltham Station # / Sherard Road) and pick up in Well Hall Road, at Stop C (37421 - Eltham Station # / Sherard Road, First Stop on LOR: 37421 - Eltham Station # / Sherard 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:	Eltham Station.

WOOLWICH COMMON, QUEEN ELIZABETH HOSPITAL

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

From Chislehurst, War Memorial.

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).

From North Greenwich.

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 H2 (35503 - Queen Elizabeth Hospital / Main Entrance, Last Stop on LOR: 35503 - Queen Elizabeth Hospital / Main Entrance) and pick up in Stadium Road, at Stop H3 (BP2729 - Queen Elizabeth Hospital / West Entrance, First Stop on LOR: BP2729 - 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.

WOOLWICH, BERESFORD STREET (from Chislehurst, War Memorial)

Public stand for ten buses on south side of Beresford Street and Woolwich High Street in 3 parts:

1. For two buses commencing 25 metres south east of Macbean Street extending 31 metres south east.
2. For three buses as an overflow stand commencing 4 metres north west of lamp standard 06A0121 extending 36 metres south east.
3. For five buses as an overflow stand commencing 4 metres west of lamp standard 16AA1549 extending 61 metres east.

Buses proceed from Beresford Street direct to stand, departing via Beresford Street and Woolwich High Street to John Wilson Street. Set down in Beresford Street, at Alighting Point (32784 - Beresford Street / Mcbean Street, Last Stop on LOR: 3681 - Beresford Sq / Wool'ch Arsenal Stn [dlr]) and pick up in John Wilson Street, at Stop Y (37259 - John Wilson Street / Powis Street, First Stop on LOR: 37259 - John Wilson Street / Powis 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:	Woolwich.

CHARLTON, ANCHOR & HOPE LANE (from Chislehurst, War Memorial)

Public stand for two buses on east side of Anchor & Hope Lane, commencing 89 metres south of and opposite Bugsbys Way extending 20 metres north.

Buses proceed from Woolwich Road via Anchor And Hope Lane to stand, departing via Anchor And Hope Lane to Woolwich Road. Set down in Woolwich Road, at Stop F (18828 - Charlton Station # / Woolwich Road, Last Stop on LOR: 18828 - Charlton Station # / Woolwich Road) and pick up in Woolwich Road, at Stop E (26701 - Charlton Station # / Woolwich Road, First Stop on LOR: 26701 - Charlton Station # / Woolwich 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: Charlton Station.

NORTH GREENWICH STATION

Private stand in three sections for 21 buses in Bus Parking Areas within North Greenwich Bus Station complex:

1 - offside facing south commencing 6.7 metres south of lamp standard No. NG18 and extending 51.8 metres north.

2 - facing north commencing 11.5 metres north of lamp standard No. NG07 and extending 95.8 metres south.

3 - offside facing north opposite Section 2 stand and extending 87.3 metres south.

Buses proceed from North Greenwich Bus Station direct to stand, departing to North Greenwich Bus Station. Set down in North Greenwich Bus Station, at Stop E (BP2277 - North Greenwich Station <>, Last Stop on LOR: BP2277 - North Greenwich Station <>) and pick up in North Greenwich Bus Station, at Stop A (BP2273 - North Greenwich Station <>, First Stop on LOR: BP2273 - North Greenwich Station <>).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: No more than 2 buses on Route 161 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: North Greenwich.
OTHER INFORMATION: LBSL toilet facilities available 24 hours.

Transport for London - Live Mileage List

v2.0 - Mileage directly imported from Caesar

Route 161
 Service change 28185
 Date 20/09/2011

Reason for Issue	Mileage Update
------------------	----------------

Version Detail

OUT DIRECTION						
Timing Point	Code	Stop Number	Stop Name	Metres	Miles	
CHISWM	33313		Chislehurst War Memorial			
	17522		Centre Common Road / War Memorial	218	0.14	
	17524		Chislehurst / Ashfield Lane	425	0.26	
	17526		Chislehurst Sainsbury's	296	0.18	
	17528		Red Hill / Victoria Road	469	0.29	
	17530		Oakdene Avenue	413	0.26	
	17532		Elmstead Lane	447	0.28	
	17534		Mottingham Road / Ravensworth Rd	445	0.28	
	17536		Mottingham / Prince Of Wales	377	0.23	
	7584		Court Road / Mottingham Road	340	0.21	
MOTTSN	17729		Mottingham Station	543	0.34	
	17728		Royal Blackheath Golf Club	758	0.47	
ELTMCH	14709		Eltham Church / Court Yard	464	0.29	
	26665		Eltham Church / Well Hall Road	137	0.09	
ELTMSN	37421		Eltham Station / Sherard Road	437	0.27	
	25748		Well Hall Road / Kidbrooke Lane	221	0.14	
SHOOPS	25747		Well Hall Road / Well Hall Roundabout	265	0.16	
	26661		Dickson Road	275	0.17	
	26659		Arbroath Road	270	0.17	
	26657		Well Hall Road / Dunblane Road	307	0.19	
	26655		Well Hall Road / Broad Walk	359	0.22	
	3165		Shooters Hill Road / Well Hall Road	265	0.16	
	BP2823		Greenwich Heights	715	0.44	
	WCOMHP	BP2729		Queen Elizabeth Hospital / West Entrance	302	0.19
		35589		Queen Elizabeth Hospital / Main Entrance	168	0.10
	WOOLAS	35505		Ha Ha Road / Repository Road	365	0.23
26645			Gunner Lane	607	0.38	
26644			Naafi Messing Store	383	0.24	
BP5481			Woolwich Arsenal Station	564	0.35	
3681			Beresford Sq / Wool'Ch Arsenal Stn	302	0.19	
26687			Woolwich Ferry	551	0.34	
26693			Kingsman Street	507	0.32	
18834			Prospect Vale	302	0.19	
18832			Warspite Road	341	0.21	
29687			Holborn College	337	0.21	
CHARAH	14452		Thames Barrier	131	0.08	
	34292		Woolwich Road / Charlton Lane	229	0.14	
	BP2409		Stone Lake Retail Park	156	0.10	
	18828		Charlton Station / Woolwich Road	272	0.17	
	10439		Woolwich Road / Gallions Road	325	0.20	
	29161		Woolwich Road / Victoria Way	132	0.08	
	18822		Rainton Road	254	0.16	
	GNCPYS	BP2402		Sainsbury's At Greenwich Peninsula	791	0.49
	BP2783		Odeon Cinema	218	0.14	
	BP2462		Millennium Village South	306	0.19	
NGNHSN	BP2460		Millennium Village / Oval Square	304	0.19	
	BP2277		North Greenwich Station	1305	0.81	

TOTAL ROUTE MILEAGE - OUT DIRECTION	17598 metres	10.93 miles
--	--------------	-------------

BACK DIRECTION					
Timing Point	Code	Stop Number	Stop Name	Metres	Miles
NGNHSN	BP2273		North Greenwich Station		
	BP2463		Millennium Village / Oval Square	993	0.62
	BP2461		Millennium Village South	301	0.19
GNCPYS	BP2782		Odeon Cinema	297	0.18
	BP2401		Sainsbury's At Greenwich Peninsula	221	0.14
	26703		Rainton Road	632	0.39
	18823		Woolwich Road / Victoria Way	308	0.19
	18825		Woolwich Road / Gallions Road	315	0.20
CHARAH	26701		Charlton Station / Woolwich Road	215	0.13
	BP2408		Stone Lake Retail Park	330	0.21
WOOLTS	26699		Woolwich Road / Charlton Lane	159	0.10
	29851		Holborn College	226	0.14
	37977		Warspite Road	498	0.31
	R0563		Frances Street	444	0.28
	26692		Kingsman Street	179	0.11
	35487		Woolwich Ferry	203	0.13
	37259		John Wilson Street / Powis Street	313	0.19
	36810		Calderwood Street	439	0.27
	BP5479		Woolwich Arsenal Station	299	0.19
	26642		Claydown Mews	463	0.29
WCOMHP	44027		Gunner Lane	260	0.16
	35502		Ha Ha Road / Grand Depot Road	289	0.18
SHOOPS	35503		Queen Elizabeth Hospital / Main Entrance	779	0.48
	35591		Queen Elizabeth Hospital / West Entrance	303	0.19
ELTMSN	BP2824		Greenwich Heights	185	0.11
	19689		Shooters Hill Road / Baker Road	398	0.25
	4662		Shooters Hill Road / Academy Road	303	0.19
	26653		Well Hall Road / Shooters Hill Road	168	0.10
	26656		Well Hall Road / Broad Walk	234	0.15
	26658		Well Hall Road / Dunblane Road	203	0.13
	26660		Arbroath Road	385	0.24
	26662		Well Hall Road / Well Hall Roundabout	267	0.17
	25746		Well Hall Road / Kidbrooke Lane	361	0.22
	25749		Eltham Station / Sherard Road	349	0.22
ELTMCH	25751		Eltham Station / Lassa Road	162	0.10
	26666		Eltham Church / Well Hall Road	261	0.16
MOTTSN	9817		Eltham Church / Court Yard	131	0.08
	17727		Royal Blackheath Golf Club	509	0.32
	9818		Mottingham Station	637	0.40
	14387		Mottingham Road / Court Road	723	0.45
	17537		Mottingham / Prince Of Wales	366	0.23
	17535		Mottingham Road / Ravensworth Road	339	0.21
	17533		Elmstead Lane	473	0.29
	17531		Oakdene Avenue	371	0.23
	17529		Red Hill / Ingleby Way	450	0.28
	17527		Albany Road	291	0.18
CHISWM	17525		Chislehurst / Ashfield Lane	311	0.19
	17523		Centre Common Road / War Memorial	602	0.37
33313		Chislehurst War Memorial	162	0.10	

TOTAL ROUTE MILEAGE - BACK DIRECTION	17107 metres	10.63 miles
---	--------------	-------------