

7. Service Specification

Route: 21 & N21

Contract Reference: QC53601

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	21 & N21
Terminus Points	Route No. 21: Lewisham, Molesworth Street and Newington Green. Route No. N21: Bexleyheath Shopping Centre, Geddes Place and Trafalgar Square.
Contract Basis	Incentivised
Commencement Date	08 th October 2016
Vehicle Type	87 capacity, dual door, double deck
Current Maximum Approved Dimensions	10.4 metres long and 2.55 metres wide
New Vehicles Mandatory	Yes
Hybrid Price Required	Yes
Sponsored Route	No
Advertising Rights	Operator
Minimum Performance Standard - Route No. 21	Average Excess Wait Time - No more than 1.40 minutes
Extension Threshold - Route No. 21	Average Excess Wait Time Threshold - 1.25 minutes
Minimum Operated Mileage Standard - Route No. 21	No less than 98.00%
Departing On Time - Route No. N21	Departing on Time - No less than 82.00%
Minimum Operated Mileage Standard - Route No. N21	No less than 99.00%

The Date of Tender for this ITT is: No later than 12 Noon on Monday 2nd November 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. 21 & N21.

Tenderers should note that there are no changes proposed as part of this Service Specification for Route No. 21 & N21.

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.**

Full iBus Monitoring was introduced on all night routes with effect from 1 April 2014.

Tenderers are therefore advised that on contracts where there is a night service both the day and night elements will be incentivised from the commencement of the Route Agreement in accordance with clause 46 of Annex B Terms and Conditions, using the Minimum Performance Standard(s) specified in Part 1 of the ITT.

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

0.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Lewisham, Molesworth Street to Newington Green			Newington Green to Lewisham, Molesworth Street.		
First departure no later than 0415.			First departure no later than 0450.		
0410 - 0515	Every 15 minutes		0445 - 0550	Every 15 minutes	
0516 - 0600	Every 12 minutes		0551 - 0625	Every 12 minutes	
0601 - 0620	Every 10 minutes		0626 - 0655	Every 10 minutes	
0621 - 0640	Every 8 minutes		0656 - 0720	Every 8 minutes	
0641 - 0720	Every 7-8 minutes (8 buses per hour)		0721 - 0740	Every 7-8 minutes (8 buses per hour)	
0721 - 0800	Every 6-7 minutes (9 buses per hour)		0741 - 1820	Every 6-7 minutes (9 buses per hour)	
0801 - 0900	Every 6 minutes		1821 - 1850	Every 8 minutes	
0901 - 1800	Every 6-7 minutes (9 buses per hour)		1851 - 1930	Every 10 minutes	
1801 - 1830	Every 8 minutes		1931 - 0015	Every 12 minutes	
1831 - 1930	Every 10 minutes		0016 - 0040	Every 20 minutes	
1931 - 0025	Every 12 minutes				
0026 - 0045	Every 20 minutes				
Last departure no earlier than 0040.			Last departure no earlier than 0035.		
Pinchpoints					
London Bridge Station, Southwark Cathedral	0700 - 0810	8 minutes	Old Kent Road, Tesco	0730 - 0825	8 minutes
	0811 - 0855	7 minutes		0826 - 0900	7 minutes
	1500 - 1640	7 minutes		1550 - 1650	7 minutes

3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued

3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Lewisham, Molesworth Street to Newington Green			Newington Green to Lewisham, Molesworth Street.		
First departure no later than 0415.			First departure no later than 0450.		
0410 - 0700	Every 15 minutes		0445 - 0735	Every 15 minutes	
0701 - 0735	Every 12 minutes		0736 - 0805	Every 12 minutes	
0736 - 0825	Every 10 minutes		0806 - 0825	Every 10 minutes	
0826 - 0900	Every 8 minutes		0826 - 0850	Every 8 minutes	
0901 - 1750	Every 6-7 minutes (9 buses per hour)		0851 - 1820	Every 6-7 minutes (9 buses per hour)	
1751 - 1830	Every 8 minutes		1821 - 1845	Every 8 minutes	
1831 - 1900	Every 10 minutes		1846 - 1925	Every 10 minutes	
1901 - 0025	Every 12 minutes		1926 - 0015	Every 12 minutes	
0026 - 0045	Every 20 minutes		0016 - 0040	Every 20 minutes	
Last departure no earlier than 0040.			Last departure no earlier than 0035.		
Pinchpoints					
London Bridge Station, Southwark Cathedral	0940 - 1040	7 minutes	Old Kent Road, Tesco	0920 - 1020	7 minutes

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

Lewisham, Molesworth Street to Newington Green			Newington Green to Lewisham, Molesworth Street.		
First departure no later than 0415.			First departure no later than 0450.		
0410 - 0715	Every 20 minutes		0445 - 0810	Every 20 minutes	
0716 - 0025	Every 12 minutes		0811 - 0015	Every 12 minutes	
0026 - 0045	Every 20 minutes		0016 - 0040	Every 20 minutes	
Last departure no earlier than 0040.			Last departure no earlier than 0035.		
Pinchpoints					
London Bridge Station, Southwark Cathedral	1000 - 1200	12 minutes	Old Kent Road, Tesco	1020 - 1220	12 minutes

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

3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued

3.4) SUNDAY NIGHTS/MONDAY MORNINGS TO THURSDAY NIGHTS/FRIDAYS MORNINGS

Bexleyheath Shopping Centre, Geddes Place to Trafalgar Square		Trafalgar Square to Bexleyheath Shopping Centre, Geddes Place	
First departure no later than 0035.		First departure no later than 0055.	
0030 - 0345	Every 30 minutes	0050 - 0440	Every 30 minutes
Last departure no earlier than 0340.		Last departure no earlier than 0435.	

Tenderers must identify the cost of the Nightly element of this service separately.

3.5) FRIDAY NIGHTS/SATURDAYS MORNINGS TO SATURDAYS NIGHTS/SUNDAYS MORNINGS

Bexleyheath Shopping Centre, Geddes Place to Trafalgar Square		Trafalgar Square to Bexleyheath Shopping Centre, Geddes Place	
First departure no later than 0035.		First departure no later than 0055.	
0030 - 0345	Every 20 minutes	0050 - 0440	Every 20 minutes
Last departure no earlier than 0340.		Last departure no earlier than 0435.	

Tenderers must identify the cost of the Nightly element of this service separately.

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. 21 should interwork with Route No. N21 between Lewisham High Street and Bank Station to form a seamless 24 hour service.
- 4.2) Route No. 21 can suffer from unpredictable traffic delays in the Old Kent Road, London Bridge and Moorgate areas
- 4.3) The road layout in Lewisham is expected to change as part of the Lewisham Gateway scheme; however, no significant changes to Route No's. 21 and N21 are expected.

**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 21: Lewisham, Lewisham Centre - Newington Green

Date of Structural Change: 8 October 2016.

Date of Service Change: 8 October 2016.

Reason for Issue: New Tender.

STREETS TRAVERSED

Towards Newington Green: Lewisham High Street, Lewis Grove, Lee Bridge, Lewisham High Street, Loampit Vale Roundabout, Loampit Vale, Loampit Hill, Lewisham Way, New Cross Road, Old Kent Road, Bricklayer's Arms Roundabout, Great Dover Street, Borough High Street, London Bridge, King William Street, Lombard Street, Mansion House Street, Princes Street, Moorgate, Finsbury Pavement, Finsbury Square (West Side), City Road, Old Street Roundabout, City Road, Provost Street, Vestry Street, East Road, New North Road, Baring Street, Southgate Road, Mildmay Park, Newington Green (South Side).

Towards Lewisham, Lewisham Centre: Newington Green (East Side), Mildmay Park, Southgate Road, Baring Street, New North Road, East Road, City Road, Old Street Roundabout, City Road, Finsbury Square (West Side), Finsbury Pavement, Moorgate, Princes Street, Mansion House Street, Lombard Street, King William Street, London Bridge, Borough High Street, Great Dover Street, Bricklayer's Arms Roundabout, Old Kent Road, New Cross Road, Amersham Road, Lewisham Way, Loampit Hill, Loampit Vale, Loampit Vale Roundabout, Molesworth 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.

LEWISHAM, MOLESWORTH STREET [NORTH]

Public stand for 10 buses on east side of Molesworth Street commencing at lamp standard no.22 in line with a point opposite the southern kerb line of exit road from office block, and extending 118 metres north.

Buses proceed from Molesworth Street direct to stand, departing via Molesworth Street to Lewisham High Street. Set down in Molesworth Street, at Stop Q (BP393 - Molesworth Street, Last Stop on LOR: BP393 - Molesworth Street) and pick up in Lewisham High Street, at stop U (BP1113 - Lewisham Centre, First Stop on LOR: BP1113 - Lewisham Centre).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 21 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, Shopping Centre.
OTHER INFORMATION:	Council toilet facilities available 0900-1730 Monday-Saturday and 1000-1600 Sundays..

LEWISHAM STATION (from NEWINGTON GREEN)

Buses proceed from Loampit Vale via Loampit Vale Roundabout departing to Loampit Vale. Set down in Loampit Vale, at stop FF (BP3790 - Lewisham Station # [dlr], Last Stop on LOR: BP3790 - Lewisham Station # [dlr]) and pick up in Loampit Vale, at stop F (BP815 - Lewisham Station # [dlr], First Stop on LOR: BP815 - Lewisham Station # [dlr]).

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

NEW CROSS GATE, SAINSBURYS (from NEWINGTON GREEN)

Buses proceed from New Cross Road via Sainsburys Access Road departing to New Cross Road. Set down in New Cross Road, at Stop H (33100 - New Cross Bus Garage, Last Stop on LOR: 33100 - New Cross Bus Garage) and pick up in New Cross Road, at Stop J (24705 - New Cross Bus Garage, First Stop on LOR: 24705 - New Cross Bus Garage).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	Turning Point Only - Buses must not stand
BLIND DISPLAY:	New Cross Gate.

BRICKLAYERS ARMS, BARTHOLOMEW STREET (from Lewisham, Lewisham Centre)

Buses proceed from Old Kent Road via Bricklayer's Arms Roundabout, Great Dover Street, Bartholomew Street, New Kent Road and Bricklayer's Arms Roundabout departing to Old Kent Road. Set down in Old Kent Road, at Stop BQ (34158 - Bricklayer's Arms, Last Stop on LOR: 34158 - Bricklayer's Arms) and pick up in Old Kent Road, at Stop BK (26741 - Bricklayer's Arms, First Stop on LOR: 26741 - Bricklayer's Arms).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: **Turning Point Only - Buses must not stand**
BLIND DISPLAY: Bricklayer's Arms.

LONDON BRIDGE STATION

From Lewisham, Lewisham Centre.

Buses proceed from Borough High Street via Railway Approach, London Bridge Bus Station and London Bridge Street departing to Borough High Street. Set down in Borough High Street, at Stop G (BP851 - Union Street, Last Stop on LOR: BP851 - Union Street) and pick up in Borough High Street (BP4481 - Southwark Street, First Stop on LOR: BP4481 - Southwark Street).

From Newington Green.

Buses proceed from London Bridge via Railway Approach, Bay A, London Bridge Bus Station, London Bridge Street and Borough High Street departing to London Bridge. Set down in London Bridge, at Stop Y (BP892 - London Bridge, Last Stop on LOR: BP892 - London Bridge) and pick up in London Bridge, at Stop M (978 - London Bridge, First Stop on LOR: 978 - London Bridge).

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

MOORGATE, FINSBURY SQUARE, SOUTH SIDE [WITHDRAWN] (from Lewisham, Lewisham Centre)

Public stand on south side of Finsbury Square, commencing 47 metres east of Finsbury Pavement and extending 19 metres.

Buses proceed from Finsbury Square (West Side) via Finsbury Square (North Side), Finsbury Square (East Side) and Finsbury Square (South Side) to stand, departing via Finsbury Square (South Side) to Finsbury Pavement. Set down in Finsbury Square (west Side), at Stop D (2463 - Finsbury Square, Last Stop on LOR: 2463 - Finsbury Square) and pick up in Finsbury Pavement, at Stop K (2462 - Finsbury Square / Moorgate, First Stop on LOR: 2462 - Finsbury Square / Moorgate).

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:	Moorgate, Finsbury Square.

HOXTON, BARING STREET (from Lewisham, Lewisham Centre)

Public stand for two buses on west side of Bridport Place, commencing 10 metres south of Wiltshire Row and extending 20 metres south.

Buses proceed from Baring Street via Bridport Place, Turning Circle and Bridport Place to stand, departing via Bridport Place to Baring Street. Set down in Baring Street, at Stop XE (72 - Baring Street, Last Stop on LOR: 72 - Baring Street) and pick up in Baring Street, at Stop XG (2450 - Baring Street, First Stop on LOR: 2450 - Baring 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:	Hoxton, Baring Street.

NEWINGTON GREEN, SOUTH SIDE

Public stand for two buses on south side of Newington Green, commencing 29 metres east of the centre of Newington Green Road and extending 27 metres east.

Buses proceed from Newington Green (South Side) direct to stand, departing via Newington Green (South Side), Newington Green (West Side) and Newington Green (North Side) to Newington Green (East Side). Set down in Newington Green (south Side), on Stand (BP237 - Newington Green, Last Stop on LOR: BP237 - Newington Green) and pick up in Newington Green (east Side), at Stop NE (2442 - Newington Green, First Stop on LOR: 2442 - Newington Green).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 21 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:	Newington Green.
OTHER INFORMATION:	No toilet facilities currently available.

LONDON BUSES - ROUTE DESCRIPTION

ROUTE N21: Bexleyheath Shopping Centre, Geddes Place - Trafalgar Square

Date of Structural Change: 8 October 2016.

Date of Service Change: 8 October 2016.

Reason for Issue: New Tender.

STREETS TRAVERSED

Towards Trafalgar Square: Market Place, Friswell Place, Arnsberg Way, Bexleyheath Broadway, Broadway, Gravel Hill, Bourne Road, Bexley High Street, Parkhill Road, Bridgen Road, Blendon Road, Penhill Roundabout, Blackfen Road, Bexley Road, Eltham High Street, Eltham Hill, Yorkshire Grey Roundabout, Eltham Road, Lee High Road, Lee Bridge, Lewisham High Street, Loampit Vale Roundabout, Loampit Vale, Loampit Hill, Lewisham Way, New Cross Road, Old Kent Road, Bricklayer's Arms Roundabout, Great Dover Street, Borough High Street, London Bridge, King William Street, Lombard Street, Mansion House Street, Queen Victoria Street, Cannon Street, St Paul's Churchyard, Ludgate Hill, Ludgate Circus, Fleet Street, Strand.

Towards Bexleyheath Shopping Centre, Geddes Place: Duncannon Street, Strand, Aldwych, Strand, Fleet Street, Ludgate Circus, Ludgate Hill, St Paul's Churchyard, Cannon Street, Queen Victoria Street, Mansion House Street, Lombard Street, King William Street, London Bridge, Railway Approach, Bay C, London Bridge Bus Station, London Bridge Street, Borough High Street, Great Dover Street, Bricklayer's Arms Roundabout, Old Kent Road, New Cross Road, Amersham Road, Lewisham Way, Loampit Hill, Loampit Vale, Loampit Vale Roundabout, Lewisham High Street, Lee Bridge, Lee High Road, Eltham Road, Yorkshire Grey Roundabout, Eltham Hill, Eltham High Street, Bexley Road, Blackfen Road, Penhill Roundabout, Blendon Road, Bridgen Road, Parkhill Road, Bexley High Street, Bourne Road, Gravel Hill, Bexleyheath Broadway, Arnsberg Way, Geddes Place South Bay.

AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

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

BEXLEYHEATH SHOPPING CENTRE, GEDDES PLACE

Private stand for three buses in marked bays in parking area between Geddes Place and Arnsberg Way, commencing at east kerb line of Geddes Place.

Buses proceed from Geddes Place South Bay direct to stand, departing via Geddes Place South Bay and Geddes Place to Market Place. Set down in Geddes Place South Bay (40020 - Geddes Place, Last Stop on LOR: 40020 - Geddes Place) and pick up in Market Place, at stop L (11121 - Market Place / Bexleyheath Clock Tower, First Stop on LOR: 11121 - Market Place / Bexleyheath Clock Tower).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route N21 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:	Bexleyheath, Shopping Centre.
OTHER INFORMATION:	LBSL toilet facilities available.

ELTHAM, HIGH STREET (from TRAFALGAR SQUARE)

Public stand for 3 buses on north side of Eltham High Street opposite Marlowe Gardens commencing 4 metres west of lamp standard No. 89 and extending 36 metres west.

Buses proceed from Eltham High Street direct to stand, departing via Eltham High Street, Southend Crescent, Footscray Road and Southend Crescent to Eltham High Street. Set down in Eltham High Street, at Stop S (R0554 - Eltham High Street / Blunts Road, Last Stop on LOR: R0554 - Eltham High Street / Blunts Road) and pick up in Eltham High Street, T (16667 - Eltham High Street / Foots Cray Road, First Stop on LOR: 16667 - Eltham High Street / Foots Cray 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, High Street.
OTHER INFORMATION:	Toilets available 24 hours.

LEWISHAM, MOLESWORTH STREET [NORTH] (from TRAFALGAR SQUARE)

Public stand for 10 buses on east side of Molesworth Street commencing at lamp standard no.22 in line with a point opposite the southern kerb line of exit road from office block, and extending 118 metres north.

Buses proceed from Loampit Vale via Loampit Vale Roundabout and Molesworth Street to stand, departing via Molesworth Street, Lewisham High Street, Lewis Grove and Lee Bridge to Lewisham High Street. Set down in Loampit Vale, at Stop C (BP816 - Lewisham Station # [dlr], Last Stop on LOR: BP816 - Lewisham Station # [dlr]) and pick up in Lewisham High Street, at Stop E (BP437 - Lewisham Police Station, First Stop on LOR: BP437 - Lewisham Police 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:	Lewisham, Shopping Centre.

NEW CROSS (from TRAFALGAR SQUARE)

Buses proceed from New Cross Road via Amersham Road and Parkfield Road departing to Lewisham Way. Set down in New Cross Road, at Stop T (R0465 - Marquis Of Granby, Last Stop on LOR: R0465 - Marquis Of Granby) and pick up in Lewisham Way, at Stop X (288 - Marquis Of Granby / Goldsmiths, First Stop on LOR: 288 - Marquis Of Granby / Goldsmiths).

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

BRICKLAYERS ARMS, BARTHOLOMEW STREET (from Bexleyheath Shopping Centre, Geddes Place)

Buses proceed from Old Kent Road via Bricklayer's Arms Roundabout, Great Dover Street, Bartholomew Street, New Kent Road and Bricklayer's Arms Roundabout departing to Old Kent Road. Set down in Old Kent Road, at Stop BP (34158 - Bricklayer's Arms, Last Stop on LOR: 34158 - Bricklayer's Arms) and pick up in Old Kent Road, at Stop BK (26741 - Bricklayer's Arms, First Stop on LOR: 26741 - Bricklayer's Arms).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	Turning Point Only - Buses must not stand
BLIND DISPLAY:	Bricklayer's Arms.

LONDON BRIDGE STATION (from Bexleyheath Shopping Centre, Geddes Place)

Buses proceed from Borough High Street via Station Approach, Railway Approach, Bay C and London Bridge Bus Station departing to London Bridge Street. Set down in Borough High Street, at Stop G (BP851 - Union Street, Last Stop on LOR: BP851 - Union Street) and pick up in London Bridge Street, at Stop E (BP4228 - London Bridge Station <> #, First Stop on LOR: BP4228 - London Bridge Station <> #).

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

ALDWYCH, EAST ARM (from Bexleyheath Shopping Centre, Geddes Place)

Public offside stand for 6 buses on south side of Aldwych (east arm) commencing 10 metres west of Melbourne Place and extending 67 metres west. Overflow public stand for 3 buses on south side of Strand commencing 10 metres east of Surrey Street and extending 36 metres east.

Buses proceed from Strand via Aldwych to stand, departing via Strand to Aldwych. Set down in Strand, at Stop R (34323 - Aldwych / Somerset House, Last Stop on LOR: 34323 - Aldwych / Somerset House) and pick up in Strand, at Stop L (20438 - The Royal Courts Of Justice, First Stop on LOR: 20438 - The Royal Courts Of Justice).

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: Aldwych.

TRAFALGAR SQUARE, NORTHUMBERLAND AVENUE, SOUTH SIDE

Public stand for four buses on south side of Northumberland Avenue in 2 parts:

1. For two buses commencing at a point 16 metres east of the centre-line of Great Scotland Yard, extending 25 metres east;
2. For two buses commencing at a point 55 metres west of centre-line of Whitehall Place, extending 25 metres east.

Buses proceed from Strand via Charing Cross, Whitehall, Whitehall Place and Northumberland Avenue to stand, departing via Northumberland Avenue, Great Scotland Yard, Whitehall, Charing Cross, Trafalgar Square (South Side) and Trafalgar Square (East Side) to Duncannon Street. Set down in Strand, at Stop H (35730 - Charing Cross Station <> #, Last Stop on LOR: 35730 - Charing Cross Station <> #) and pick up in Duncannon Street, at Stop G (148 - Trafalgar Square / Charing Cross Stn <> #, First Stop on LOR: 148 - Trafalgar Square / Charing Cross Stn <> #).

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: No more than 2 buses on Route N21 should be scheduled to stand at any one time.

MEAL RELIEFS: No meal relief vehicles to stand at any time.

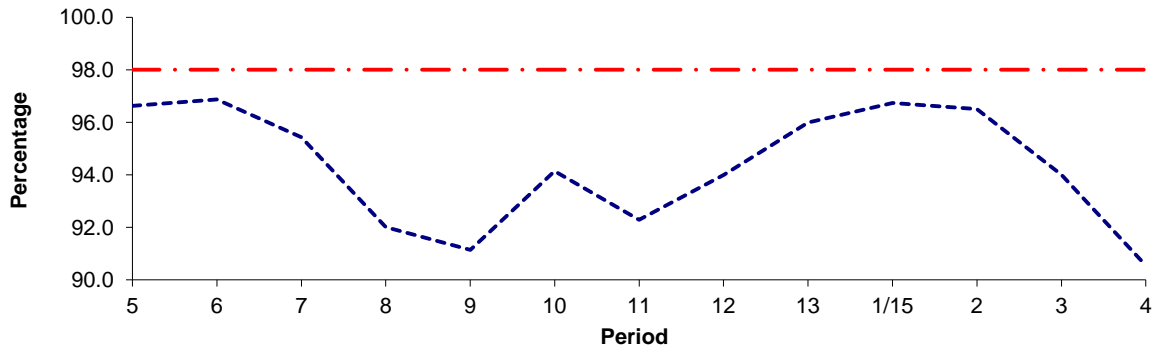
FERRY VEHICLES: No ferry vehicles to park on stand at any time.

BLIND DISPLAY: Trafalgar Square.

PART B - PERFORMANCE STATISTICS

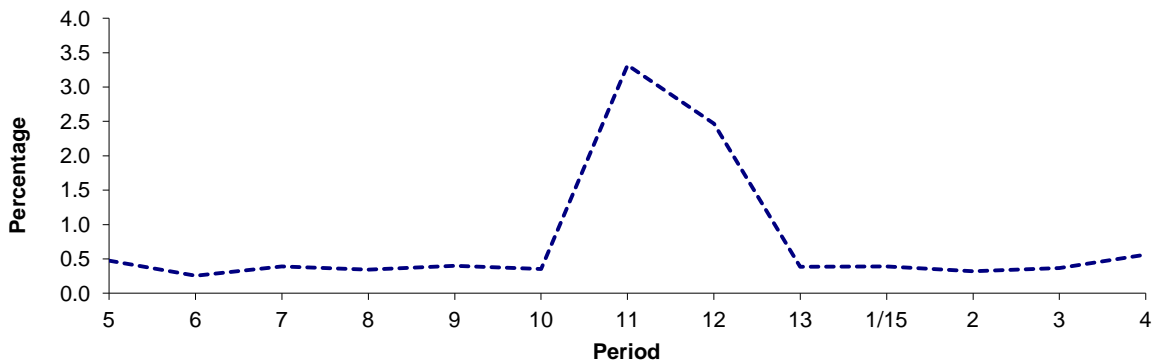
Route 21

Mileage Operated



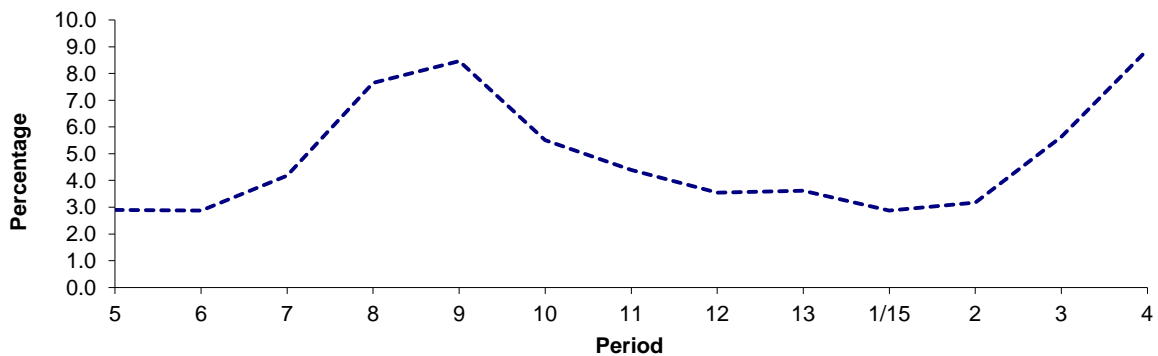
Period	5	6	7	8	9	10	11	12	13	1/15	2	3	4
2014/2015	96.62	96.87	95.44	92.01	91.14	94.14	92.29	93.99	95.99	96.74	96.51	94.01	90.55
Min Standard	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00

Deductible Mileage



Period	5	6	7	8	9	10	11	12	13	1/15	2	3	4
2014/2015	0.47	0.25	0.39	0.35	0.40	0.35	3.32	2.47	0.39	0.39	0.32	0.37	0.56

Non Deductible Mileage

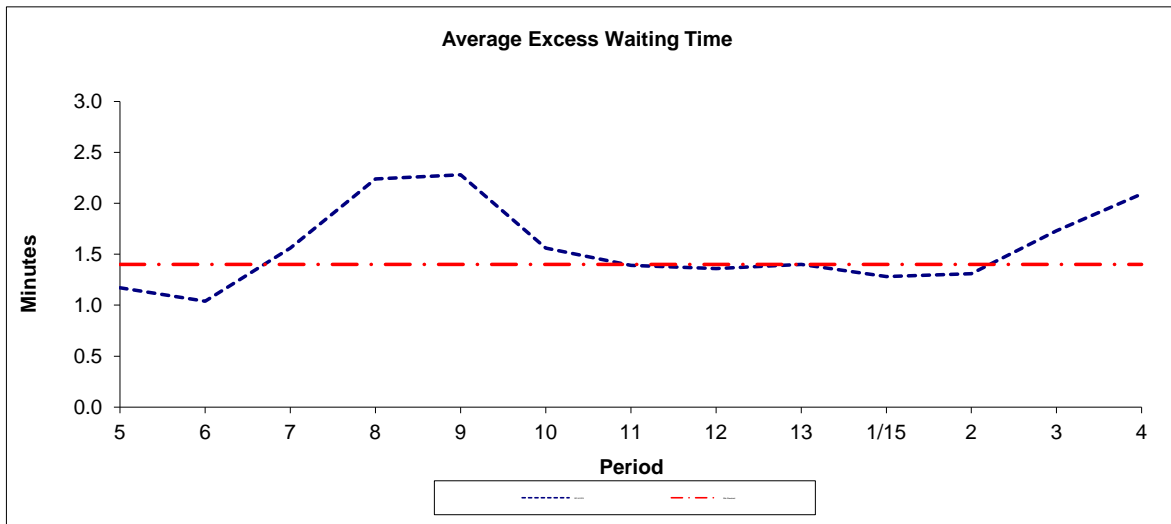


Period	5	6	7	8	9	10	11	12	13	1/15	2	3	4
2014/2015	2.90	2.88	4.17	7.65	8.46	5.51	4.39	3.54	3.62	2.87	3.17	5.63	8.89

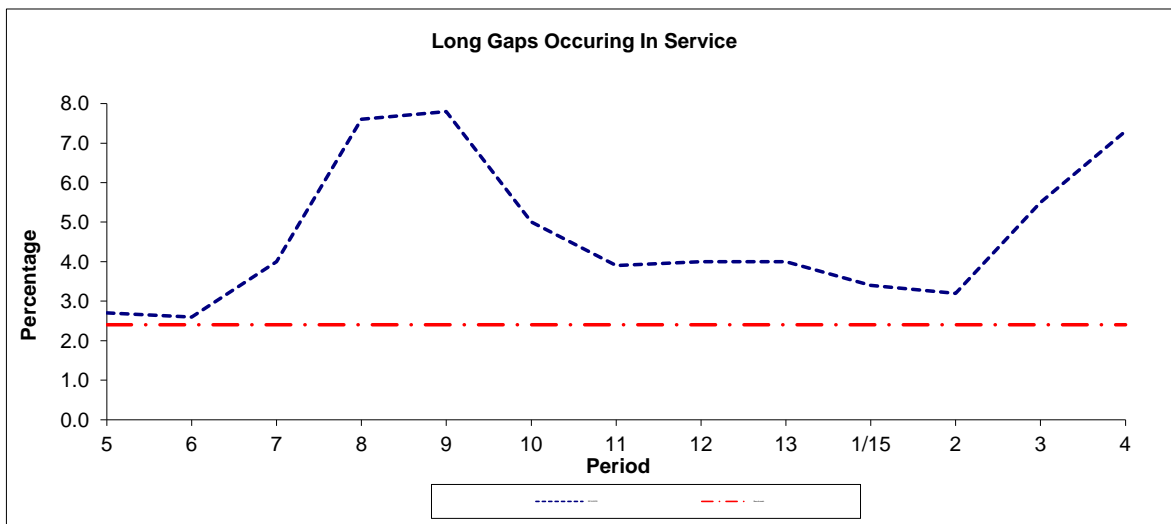
Note : Mileage is based on 4 weeks data
Deductible Mileage was adversely affected by industrial action in periods 11 and 12 14/15.

PART B - PERFORMANCE STATISTICS

Route 21



Period	5	6	7	8	9	10	11	12	13	1/15	2	3	4
2014-2015	1.17	1.04	1.56	2.24	2.28	1.56	1.39	1.36	1.40	1.28	1.31	1.73	2.09
Min Standard	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40



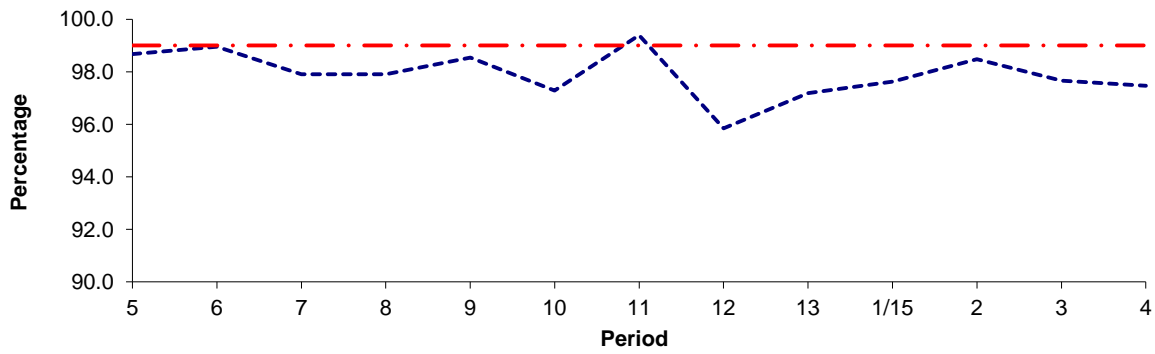
Period	5	6	7	8	9	10	11	12	13	1/15	2	3	4
2014-2015	2.7	2.6	4.0	7.6	7.8	5.0	3.9	4.0	4.0	3.4	3.2	5.5	7.3
Benchmark	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4

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

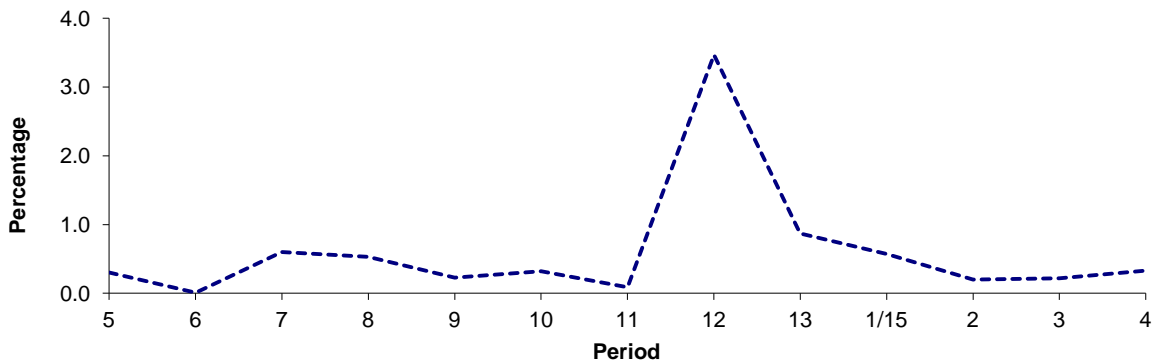
Route N21

Mileage Operated



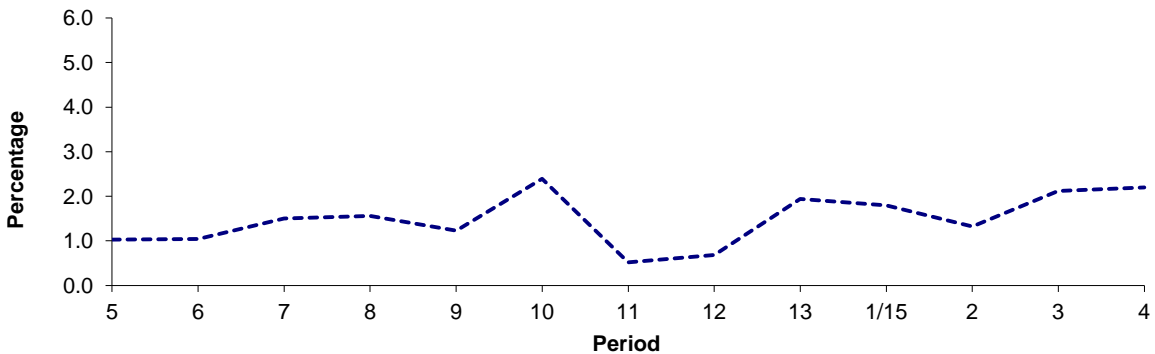
Period	5	6	7	8	9	10	11	12	13	1/15	2	3	4
2014/2015	98.67	98.95	97.90	97.91	98.54	97.29	99.39	95.85	97.19	97.63	98.48	97.66	97.47
Min Standard	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00

Deductible Mileage



Period	5	6	7	8	9	10	11	12	13	1/15	2	3	4
2014/2015	0.30	0.01	0.60	0.53	0.23	0.32	0.09	3.47	0.87	0.57	0.20	0.22	0.33

Non Deductible Mileage

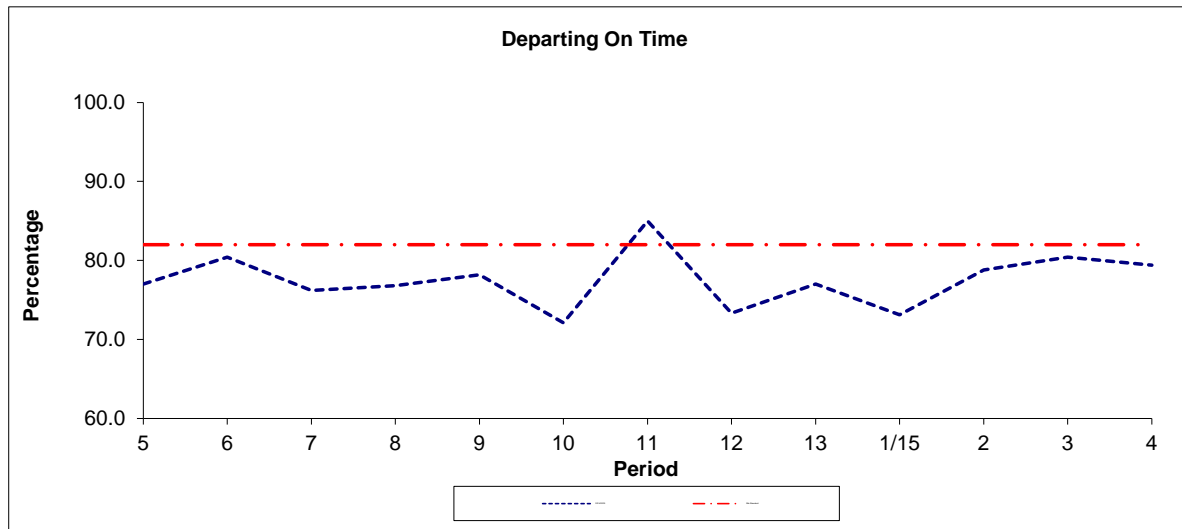


Period	5	6	7	8	9	10	11	12	13	1/15	2	3	4
2014/2015	1.03	1.04	1.50	1.56	1.23	2.39	0.52	0.68	1.94	1.80	1.32	2.12	2.20

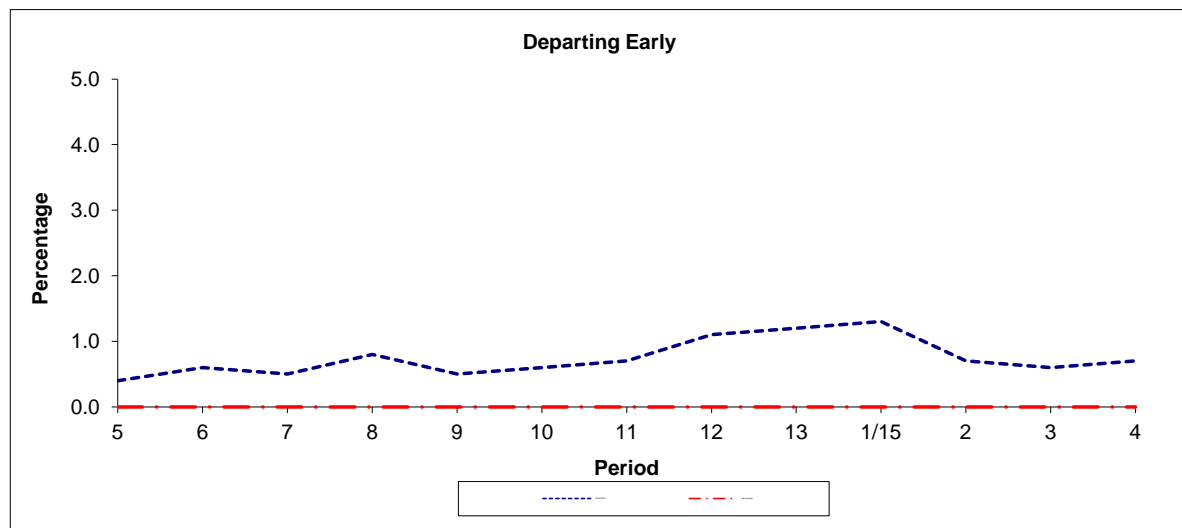
Note : Mileage is based on 4 weeks data
Deductible Mileage was adversely affected by industrial action in periods 11 and 12 14/15.

PART B - PERFORMANCE STATISTICS

Route N21



Period	5	6	7	8	9	10	11	12	13	1/15	2	3	4
2014/2015	77.0	80.4	76.2	76.8	78.2	72.1	85.0	73.3	77.0	73.1	78.8	80.4	79.4
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	5	6	7	8	9	10	11	12	13	1/15	2	3	4
2014/2015	0.4	0.6	0.5	0.8	0.5	0.6	0.7	1.1	1.2	1.3	0.7	0.6	0.7
Benchmark	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

ROUTE 21 - FULL iBUS RESULTS BY TIME OF DAY
QUARTER 2 14/15 TO QUARTER 1 15/16 (21/06/14 - 26/06/15)

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	33,629.	32,523.	96.7	6.43	0.68	7.11	76.6	21.8	1.4	0.1	0.2	49
07:00 - 10:00	96,552.	91,257.	94.5	3.52	1.42	4.94	88.4	10.7	0.8	0.1	4.1	46
10:00 - 13:00	100,143.	93,754.	93.6	3.31	1.69	5.00	87.3	11.2	1.2	0.3	6.1	66
13:00 - 16:00	97,603.	92,426.	94.7	3.38	1.61	4.99	87.6	11.1	1.1	0.2	5.5	60
16:00 - 19:00	97,577.	93,374.	95.7	3.40	1.62	5.02	87.5	11.0	1.2	0.2	5.6	63
19:00 - 22:00	63,575.	61,153.	96.2	5.09	1.48	6.56	77.2	19.9	2.4	0.5	3.1	70
22:00 - 24:00	36,636.	34,943.	95.4	5.95	1.71	7.66	70.4	24.7	4.0	0.8	2.5	64
All Locations Summary	525,715.	499,430.	95.0	3.80	1.54	5.35	85.4	12.9	1.4	0.3	4.7	70

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	5,849.	5,730.	98.0	7.54	0.56	8.10	64.1	33.6	2.1	0.1	0.1	35
07:00 - 10:00	14,089.	13,409.	95.2	5.01	1.24	6.25	82.1	16.0	1.5	0.3	1.6	51
10:00 - 13:00	20,398.	19,792.	97.0	3.36	1.20	4.57	91.1	8.1	0.6	0.1	3.3	49
13:00 - 16:00	20,404.	19,205.	94.1	3.35	1.64	4.99	87.8	10.8	1.2	0.2	5.7	51
16:00 - 19:00	20,088.	19,261.	95.9	3.42	1.37	4.79	89.6	9.4	0.9	0.1	4.2	49
19:00 - 22:00	12,701.	12,228.	96.3	5.40	1.27	6.67	76.3	20.8	2.4	0.5	2.2	61
22:00 - 24:00	7,660.	7,331.	95.7	5.95	1.59	7.55	70.8	25.2	3.4	0.6	2.0	47
All Locations Summary	101,189.	96,956.	95.8	4.06	1.36	5.42	85.4	13.1	1.3	0.2	3.6	61

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	4,850.	4,674.	96.4	10.17	0.65	10.82	49.1	40.5	9.3	1.2	0.2	59
07:00 - 10:00	11,277.	11,085.	98.3	6.95	1.12	8.07	69.7	26.4	3.5	0.4	0.5	62
10:00 - 13:00	13,007.	12,996.	99.9	5.90	0.96	6.86	75.9	21.7	1.7	0.7	1.4	55
13:00 - 16:00	12,746.	12,270.	96.3	5.94	1.65	7.58	71.5	23.8	3.7	1.0	2.5	76
16:00 - 19:00	12,904.	12,517.	97.0	5.92	1.43	7.35	73.2	23.2	2.9	0.7	1.8	58
19:00 - 22:00	13,394.	13,146.	98.1	5.82	0.98	6.80	77.1	21.2	1.4	0.2	0.8	80
22:00 - 24:00	8,703.	8,777.	100.9	5.96	0.65	6.60	78.3	20.7	1.0	0.0	0.3	48
All Locations Summary	76,881.	75,465.	98.2	6.09	1.23	7.32	73.4	23.3	2.7	0.7	1.5	80

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	44,328.	42,927.	96.8	6.79	0.67	7.45	73.5	24.3	2.0	0.2	0.2	59
07:00 - 10:00	121,918.	115,751.	94.9	3.82	1.39	5.21	86.9	11.9	1.0	0.1	3.7	62
10:00 - 13:00	133,548.	126,542.	94.8	3.62	1.53	5.15	86.6	12.0	1.2	0.3	5.1	66
13:00 - 16:00	130,753.	123,901.	94.8	3.66	1.62	5.28	85.8	12.4	1.4	0.3	5.2	76
16:00 - 19:00	130,569.	125,152.	95.9	3.64	1.57	5.22	86.4	12.0	1.3	0.3	5.1	63
19:00 - 22:00	89,670.	86,527.	96.5	5.21	1.39	6.60	77.1	20.2	2.3	0.5	2.7	80
22:00 - 24:00	52,999.	51,051.	96.3	5.95	1.55	7.50	71.5	24.2	3.5	0.7	2.1	64
All Locations Summary	703,785.	671,851.	95.5	4.06	1.49	5.55	84.2	14.0	1.5	0.3	4.3	80

ROUTE N21 - FULL iBUS RESULTS BY TIME OF DAY
QUARTER 2 14/15 TO QUARTER 1 15/16 (21/06/14 - 26/06/15)

MONDAY - FRIDAY

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	Linked Buses (%)	On Time (%)	Non Arrival / Not Linked (%)	Early (%)	Late (%)
00:00 - 05:00	35,890.	35,464.	98.8	98.7	79.2	1.7	0.7	18.4
All Locations Summary	35,890.	35,464.	98.8	98.7	79.2	1.7	0.7	18.4

SATURDAY

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	Linked Buses (%)	On Time (%)	Non Arrival / Not Linked (%)	Early (%)	Late (%)
00:00 - 05:00	9,672.	9,315.	96.3	93.6	77.6	4.8	0.9	16.7
All Locations Summary	9,672.	9,315.	96.3	93.6	77.6	4.8	0.9	16.7

SUNDAY AND BANK HOLIDAYS

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	Linked Buses (%)	On Time (%)	Non Arrival / Not Linked (%)	Early (%)	Late (%)
00:00 - 05:00	10,261.	9,961.	97.1	94.6	73.8	3.5	0.9	21.8
All Locations Summary	10,261.	9,961.	97.1	94.6	73.8	3.5	0.9	21.8

ALL DAYS

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	Linked Buses (%)	On Time (%)	Non Arrival / Not Linked (%)	Early (%)	Late (%)
00:00 - 05:00	55,823.	54,740.	98.1	97.1	77.5	2.8	0.8	18.9
All Locations Summary	55,823.	54,740.	98.1	97.1	77.5	2.8	0.8	18.9

Transport for London - QSI Points and Live Mileage List

v2.0 - Mileage directly imported from Caesar

TRANCHE 536

Route 21
Service change 31620
Date 21/12/2012

Reason for Issue

End Moorgate Diversion

QSI Points are highlighted.

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
LEWSHL	BP1113	Lewisham Centre		
	BP5969			
	BP815	Lewisham Station Dlr	253	0.16
	26292	Loampit Vale / Jerrard Street	229	0.14
	1982	Undercliff Road	330	0.21
LEWWLC	4629	Lewisham College	390	0.24
	1977	Lucas Street	382	0.24
	26721	Malpas Road	141	0.09
	26722	Amersham Road	275	0.17
	288	Marquis Of Granby / Goldsmiths	275	0.17
	26343	New Cross Gate Station	260	0.16
NX GR	24705	New Cross Bus Garage	375	0.23
	BP2388	New Cross Road / Besson Street	288	0.18
	BP2389	Briant Street	214	0.13
	R0464	Pomeroy Street	185	0.11
	26726	Old Kent Road / Ilderton Road	312	0.19
	26728	Commercial Way	250	0.16
	2558	Peckham Park Road	448	0.28
	447	Malt Street	525	0.33
	4622	Trafalgar Avenue	232	0.14
OKRDTS	23105	Dunton Road	390	0.24
	2554	Old Kent Road / East Street	459	0.29
OKRDBAO	34158	Bricklayer's Arms	245	0.15
	2552	Bartholomew Street	417	0.26
	2550	Trinity Street / the Roebuck	343	0.21
BOROSN	644	Borough Station / Great Dover Street	233	0.14
	BP851	Union Street	355	0.22
LONBSC	978	London Bridge	491	0.31
	2123	Monument Station	324	0.20
	27954	Bank Station / King William Street	330	0.21
BANKSNP	2468	Bank Station / Princes Street	256	0.16
	2467	London Wall	279	0.17
MOORSN	1160	Moorgate Station		
	2463	Finsbury Square		
	29071	Old Street Station		
	33436	Provost Street / Moorfields Eye Hospital	508	0.32
	2455	Bevenden Street	261	0.16
	862	Mintern Street	325	0.20
	25130	Eagle Wharf Road	250	0.16
HOXTBS	72	Baring Street	297	0.18
	2448	Downham Road	304	0.19
	954	Northchurch Road	284	0.18
	949	Englefield Road	170	0.11
	13619	Balls Pond Road	399	0.25
	BP1896	Mildmay Library	135	0.08
	2443	Newington Green / Mildmay Road	283	0.18
NEWNGN	BP237	Newington Green	150	0.09
Total Route Mileage - Out Direction			14102	8.76
			Metres	Miles

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
NEWNGN	2442	Newington Green		
	2444	Mildmay Grove	259	0.16
	911	Balls Pond Road	263	0.16
	2446	Southgate Road / Ardleigh Road	311	0.19
	953	Northchurch Road	244	0.15
	2449	Downham Road	203	0.13
	71	Canal Walk	269	0.17
HOXTBS	2450	Baring Street	290	0.18
	2452	Eagle Wharf Road	237	0.15
	863	Mintern Street	281	0.17
	2456	Bevenden Street	268	0.17
	861	Old St Stn / Moorfields Eye Hosp	300	0.19
	187	City Road / Leonard Street	399	0.25
	2460	Epworth Street	175	0.11
	2462	Finsbury Square / Moorgate	284	0.18
MOORSN	R0089	Moorgate Station	268	0.17
	2466	Great Swan Alley	228	0.14
	BP933	Bank Station / Princes Street	224	0.14
BANKSNP	14691	King William Street / Monument Stn	314	0.20
	BP140	Monument Station	246	0.15
LONBLBY	BP892	London Bridge	313	0.19
	BP4481	Southwark Street	368	0.23
	2135	Union Street	204	0.13
BOROSN	33109	Borough Station / Great Dover Street	277	0.17
	2551	Trinity Street / the Roebuck	159	0.10
	2553	Blackhorse Court	318	0.20
	34291	Bartholomew Street	158	0.10
OKRDBAO	26741	Bricklayer's Arms	398	0.25
	BP599	Old Kent Road / East Street	229	0.14
OKRDTS	BP128	Dunton Road	498	0.31
	1171	Trafalgar Avenue	351	0.22
	448	Malt Street	252	0.16
	394	Peckham Park Road	484	0.30
	26727	Commercial Way	456	0.28
	26718	Old Kent Road / Ilderton Road	255	0.16
	2567	Briant Street	598	0.37
NX GR	33100	New Cross Bus Garage	394	0.24
	BP1236	New Cross Gate Station	237	0.15
	R0465	Marquis Of Granby	426	0.26
	26294	Amersham Road	480	0.30
	BP4063	Malpas Road	242	0.15
	1978	Lucas Street	180	0.11
LEWWLC	1980	Lewisham College	266	0.17
	26719	Tyrwhitt Road / St Johns Station	255	0.16
	1981	Undercliff Road	268	0.17
	1983	Loampit Vale / Jerrard Street	193	0.12
	BP3790	Lewisham Station	304	0.19
LEWSMS	BP393	Molesworth Street	529	0.33
Total Route Mileage - Back Direction			14155	8.80
			Metres	Miles

Transport for London - QSI Points and Live Mileage List

v2.0 - Mileage directly imported from Caesar

TRANCHE 536

Route N21

Service change 36834

Date 26/04/2014

QSI Points are highlighted.

Reason for Issue

Mileage Update

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
BEXHSC	11121	Market Place / Bexleyheath Clock Tower		
	6324	Bexleyheath / Civic Centre	578	0.36
	16697	Halcot Avenue	393	0.24
	14381	Broomfield Road	176	0.11
	34277	Gravel Hill Close	426	0.26
	14379	Hartford Road	604	0.38
	16696	Bexley Library	298	0.19
BXLYSN	16694	Bexley Station	284	0.18
	17722	Bexley War Memorial	208	0.13
	16692	Cross Lane	384	0.24
	18919	Riverdale Road	373	0.23
	16690	Bridges / The Anchor	109	0.07
	16688	Woodside Lane	511	0.32
	16686	Beechway	333	0.21
BLENPR	12080	Blendon / Penhill Road	367	0.23
	16684	Blackfen School For Girls	341	0.21
	16682	Blackfen Road / Ramlilles Road	306	0.19
BFENWD	R0555	Blackfen Road / Wellington Avenue	376	0.23
	29462	Sycamore Avenue	256	0.16
	16678	Queenswood Road	362	0.22
	16676	Blackfen Road / Boundary Road	511	0.32
	19722	Rennets Wood Road	378	0.23
BXRDRR	33520	Riefeld Road	400	0.25
	16671	University Of Greenwich / Mansion Site	290	0.18
	16669	Bexley Road / Glenesk Road	520	0.32
	16667	Eltham High Street / Fooks Cray Road	367	0.23
	20548	Eltham High Street / Roper Street	282	0.18
ELTMHB	3381	Eltham High Street / Chequers Parade	275	0.17
	26668	Eltham Church / High Street	137	0.09
	19660	Kingsground	332	0.21
	19658	Greenway	490	0.30
	2791	Eltham Hill / Park Avenue	140	0.09
	20134	Eltham Road / Westhome Avenue	282	0.18
	19655	Cedarhurst Drive	329	0.20
	19653	Eltham Road / Kidbrooke Park Road	306	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
LEWSHR	BP6969			
	BP815	Lewisham Station		
	26292	Loampit Vale / Jerrard Street	229	0.14
	1982	Undercliff Road	330	0.21
	4629	Lewisham College	390	0.24
	1977	Lucas Street	382	0.24
	26721	Malpas Road	141	0.09
	26722	Amersham Road	275	0.17
	288	Marquis Of Granby / Goldsmiths	275	0.17
	26343	New Cross Gate Station	260	0.16
NX GR	24705	New Cross Bus Garage	375	0.23
	BP2388	New Cross Road / Besson Street	288	0.18
	BP2389	Briant Street	214	0.13
	R0464	Pomeroy Street	185	0.11
	26726	Old Kent Road / Ilderton Road	312	0.19
	26728	Commercial Way	250	0.16
	2558	Peckham Park Road	418	0.26
	447	Malt Street	554	0.34
	4622	Trafalgar Avenue	232	0.14
OKRDTS	23105	Dunton Road	390	0.24
	2554	Old Kent Road / East Street	459	0.29
OKRDBAO	34158	Bricklayer's Arms	245	0.15
	2552	Bartholomew Street	417	0.26
	2550	Trinity Street / The Roebuck	343	0.21
BOROSN	644	Borough Station / Great Dover Street	233	0.14
	BP851	Union Street	355	0.22
LONBSC	978	London Bridge	491	0.31
	2123	Monument Station	324	0.20
	27954	Bank Station / King William Street	330	0.21
BANKSNQ	8596	Bank Station / Queen Victoria Street	284	0.18
	1152	St Paul's Churchyard	425	0.26
	8602	St Paul's Cathedral	193	0.12
LUDGCS	8581	City Thameslink Stn / Ludgate Circus	289	0.18
	202	Shoe Lane	222	0.14
	8570	Fetter Lane	117	0.07
	3178	Chancery Lane	149	0.09
AWCHLC	20462	The Royal Courts Of Justice	245	0.15
	34323	Aldwych / Somerset House	226	0.14
	14627	Savoy Street	318	0.20
	7852	Bedford Street	229	0.14
TFSQCC	35730	Charing Cross Station	207	0.13

Total Route Mileage - Out Direction 26503 16.47

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
TFSQDS	148	Trafalgar Square / Charing Cross Stn		
	7853	Southampton Street / Covent Garden	356	0.22
	14628	Aldwych	341	0.21
AWCHLC	20438	The Royal Courts Of Justice	347	0.22
	3177	Fetter Lane	422	0.26
	969	Ludgate Circus	238	0.15
LUDGCS	14501	Ludgate Hill / Old Bailey	240	0.15
	8601	St Paul's Cathedral	315	0.20
	8581	Mansion House Station	200	0.12
BANKSNQ	4770	Bank Station / Queen Victoria Street	233	0.14
	14691	King William Street / Monument Station	450	0.28
	BP140	Monument Station	246	0.15
	BP892	London Bridge	313	0.19
LONBSND	BP4228	London Bridge Station	347	0.22
	BP4481	Southwark Street	358	0.22
	2135	Union Street	204	0.13
BOROSN	33109	Borough Station / Great Dover Street	277	0.17
	2551	Trinity Street / The Roebuck	159	0.10
	2553	Blackhorse Court	318	0.20
	34291	Bartholomew Street	158	0.10
OKRDBAO	26741	Bricklayer's Arms	398	0.25
	BP599	Old Kent Road / East Street	229	0.14
OKRDTS	BP128	Dunton Road	498	0.31
	1171	Trafalgar Avenue	351	0.22
	448	Malt Street	252	0.16
	394	Peckham Park Road	484	0.30
	26727	Commercial Way	290	0.18
	26718	Old Kent Road / Ilderton Road	421	0.26
	2567	Briant Street	507	0.32
NX GR	33100	New Cross Bus Garage	484	0.30
	BP1236	New Cross Gate Station	237	0.15
	R0465	Marquis Of Granby	426	0.26
	26294	Amersham Road	480	0.30
	BP4063	Malpas Road	242	0.15
	1978	Lucas Street	180	0.11
	1980	Lewisham College	266	0.17
	26719	Tyrwhitt Road / St Johns Station	255	0.16
	1981	Undercliff Road	268	0.17
	1983	Loampit Vale / Jerrard Street	193	0.12
LEWSLV	BP816	Lewisham Station	372	0.23
	BP1118	Lewisham Police Station	180	0.11
	283	Belmont Hill	355	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	389	0.24
	19649	Weigall Road	239	0.15
	19651	Courtlands Avenue	233	0.14
	8424	Eltham Road / Kidbrooke Park Road	219	0.14
	19654	Sutcliffe Park	362	0.22
	26679	Eltham Road / Westhome Avenue	255	0.16
	19636	Eltham Hill / Westhome Avenue	277	0.17
	19657	Vandyke Cross	287	0.18
	19659	Kingsground	258	0.16
	26667	Sherard Road	185	0.11
ELTMHB	14710	Eltham High Street / Passey Place	421	0.26
	R0554	Eltham High Street / Blunts Road	364	0.23
	16666	Eltham High Street / Westmount Road	189	0.12
	16668	Bexley Road / Glenesk Road	409	0.25
	16670	University Of Greenwich / Mansion Site	592	0.37
BXRDRR	16672	Riefeld Road	265	0.16
	19721	Rennets Wood Road	365	0.23
	16675	Blackfen Road / Boundary Road	352	0.22
	16677	Queenswood Road	379	0.24
	16679	Blackfen Road / Days Lane	532	0.33
BFENWD	BP2259	Blackfen Road / Westwood Lane	179	0.11
	16681	Blackfen Road / Ramlilles Road	205	0.13
	16683	Blackfen School For Girls	546	0.34
BLENPR	35529	Blackfen Road / Penhill Road	259	0.16
	16685	Beechway	493	0.31
	16687	Woodside Lane	349	0.22
	16689	The Anchor	349	0.22
	18918	Riverdale Road	218	0.14
	16691	Cross Lane	363	0.23
	17721	Parkhurst Road	176	0.11
BXLYSN	16693	Bexley Station	311	0.19
	16695	Bexley Library	330	0.21
	14378	Hartford Road	289	0.18
	34278	Gravel Hill Close	672	0.42
	14380	Broomfield Road	376	0.23
	13510	Halcot Avenue	179	0.11
	6323	Bexleyheath / Civic Centre	446	0.28
BEXHSC	40020	Geddes Place	274	0.17

Total Route Mileage - Back Direction 26975 16.78