

7. Service Specification

Route: 133 & N133

Contract Reference: QC54802

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	133 & N133
Terminus Points	Route No. 133: Streatham Station and Liverpool Street Station, Bus Station Route No. N133: Morden Station and Liverpool Street Station, Bus Station
Contract Basis	Incentivised
Commencement Date	21 st January 2017
Vehicle Type	87 capacity, dual door, double deck
Current Maximum Approved Dimensions	10.1 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. 133	Average Excess Wait Time - No more than 1.20 minutes
Extension Threshold - Route No. 133	Average Excess Wait Time Threshold - 1.10 minutes
Minimum Operated Mileage Standard - Route No. 133	No less than 98.00%
Departing On Time - Route No. N133	Departing on Time - No less than 86.00%
Minimum Operated Mileage Standard - Route No. N133	No less than 99.00%

The Date of Tender for this ITT is: No later than 12 Noon on Monday 1st February 2016

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's. 133 & N133.

- On 30th January 2016, the emergency schedules introduced on 16th May 2015 to mitigate the Road Modernisation Plan works are removed. New schedules are introduced.
- On 26th March 2016 removal of the diversion introduced for the closure of Liverpool Street Bus Station on 21st November 2015. New schedules are introduced.

Tenderers should note that there are no changes proposed as part of this Service Specification for Route Nos. 133 & N133.

Tenderers should refer to the schedules dated **24/01/15** rather than the current emergency schedules on Route No. 133.

The Mayor and Transport for London (TfL) have developed a proposal for an Ultra Low Emission Zone (ULEZ) in central London.

The ULEZ would take effect from 7th September 2020 and apply 24 hours a day, 7 days a week, and will require all double deck buses operating within the zone to be hybrid.

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

Streatham Station to Liverpool Street Bus Station			Liverpool Street Bus Station to Streatham Station		
First departure no later than 0410.			First departure no later than 0435.		
0405 - 0435	Every 12 minutes		0430 - 0535	Every 12 minutes	
0436 - 0545	Every 10 minutes		0536 - 0625	Every 10 minutes	
0546 - 0600	Every 8 minutes		0626 - 0700	Every 8 minutes	
0601 - 0650	Every 5 minutes		0701 - 1000	Every 6 minutes	
0651 - 0805	Every 4 minutes		1001 - 1500	Every 6-7 minutes (9 buses per hour)	
0806 - 0835	Every 5 minutes		1501 - 1700	Every 5-6 minutes (11 buses per hour)	
0836 - 0940	Every 6 minutes		1701 - 1750	Every 4 minutes	
0941 - 1525	Every 6-7 minutes (9 buses per hour)		1751 - 1905	Every 6 minutes	
1526 - 1700	Every 5-6 minutes (11 buses per hour)		1906 - 2200	Every 8 minutes	
1701 - 1800	Every 6 minutes		2201 - 0030	Every 12 minutes	
1801 - 2100	Every 8 minutes		0031 - 0110	Every 15 minutes	
2101 - 2400	Every 12 minutes				
0001 - 0050	Every 15 minutes				
Last departure no earlier than 0045.			Last departure no earlier than 0105.		
Pinchpoints					
Elephant & Castle, Newington Causeway	0725 - 0845	4 minutes	Brixton Station	0730 - 0900	6 minutes
	1450 - 1605	7 minutes		1540 - 1710	6 minutes
	1606 - 1640	6 minutes			

3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued

3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Streatham Station to Liverpool Street Bus Station			Liverpool Street Bus Station to Streatham Station		
First departure no later than 0410.			First departure no later than 0435.		
0405 - 0540	Every 12 minutes		0430 - 0635	Every 12 minutes	
0541 - 0740	Every 10 minutes		0636 - 0835	Every 10 minutes	
0741 - 0810	Every 8 minutes		0836 - 0900	Every 8 minutes	
0811 - 1740	Every 6-7 minutes (9 buses per hour)		0901 - 1830	Every 6-7 minutes (9 buses per hour)	
1741 - 1805	Every 8 minutes		1831 - 1900	Every 8 minutes	
1806 - 1835	Every 10 minutes		1901 - 1920	Every 10 minutes	
1836 - 2400	Every 12 minutes		1921 - 0030	Every 12 minutes	
0001 - 0050	Every 15 minutes		0031 - 0110	Every 15 minutes	
Last departure no earlier than 0045.			Last departure no earlier than 0105.		
Pinchpoints					
Elephant & Castle, Newington Causeway	0900 - 1100	7 minutes	Brixton Station	0920 - 1120	7 minutes

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

Streatham Station to Liverpool Street Bus Station			Liverpool Street Bus Station to Streatham Station		
First departure no later than 0425.			First departure no later than 0435.		
0420 - 0440	Every 15 minutes		0430 - 0450	Every 15 minutes	
0441 - 2400	Every 12 minutes		0451 - 2350	Every 12 minutes	
0001 - 0050	Every 15 minutes		2351 - 0110	Every 15 minutes	
Last departure no earlier than 0045.			Last departure no earlier than 0105.		
Pinchpoints					
Elephant & Castle, Newington Causeway	1020 - 1220	12 minutes	Brixton Station	1050 - 1250	12 minutes

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

3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued

3.4) NIGHTLY

Morden Station to Liverpool Street Bus Station		Liverpool Street Bus Station to Morden Station	
First departure no later than 0035.		First departure no later than 0120.	
0030 - 0340	Every 20 minutes	0115 - 0420	Every 20 minutes
Last departure no earlier than 0335.		Last departure no earlier than 0415.	

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

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. 133 should interwork with Route No. N133 to form a seamless 24 hour service between Streatham Station and Liverpool Street Station, Bus Station.
- 4.2) Route Nos. 133 & N133 can suffer from unpredictable traffic delays in the London Bridge and Liverpool Street areas.
- 4.3) Crossrail will connect the City, Canary Wharf, the West End and Heathrow Airport to commuter areas east and west of the capital. Major construction of the railway began in 2010, with the first services expected to commence through the central London tunnelled section in late 2018. The full Crossrail service will be operating from Heathrow and Reading to Abbey Wood and Shenfield in late 2019. The construction impacts of Crossrail could affect Route Nos. 133 and N133.
- 4.4) As part of TfL's Road Modernisation Plan works are taking place at a number of locations in Inner and Central London that may lead to additional journey times. Works in the Elephant & Castle area may affect Route No's. 133 and N133.

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 133: Streatham Station - Liverpool Street Station

Date of Structural Change: 21 January 2017.

Date of Service Change: 21 January 2017.

Reason for Issue: {To be specified}.

STREETS TRAVERSED

Towards Liverpool Street Station: Streatham Station Bus Stand, Streatham High Road, Streatham Hill, Brixton Hill, Brixton Road, Kennington Park Road, Newington Butts, Elephant And Castle, Newington Causeway, Borough High Street, London Bridge, King William Street, Lombard Street, Threadneedle Street, Old Broad Street, Sun Street Passage.

Towards Streatham Station: Sun Street Passage, Old Broad Street, Threadneedle Street, Mansion House Street, Lombard Street, King William Street, London Bridge, Borough High Street, Newington Causeway, Elephant And Castle, Newington Butts, Kennington Park Road, Brixton Road, Camberwell New Road, Brixton Road, Brixton Hill, Streatham Hill, Streatham High Road, Streatham Station Bus Stand.

AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

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

STREATHAM STATION

Private stand for six buses standing abreast on north side of bus parking area adjacent to Streatham Station.

Buses proceed from Streatham Station Bus Stand direct to stand, departing to Streatham Station Bus Stand. Set down in Streatham Station Bus Stand, at Alighting Point (BP5726 - Streatham Station #, Last Stop on LOR: BP5726 - Streatham Station #) and pick up in Streatham Station Bus Stand, at Stop SF (BP5725 - Streatham Station #, First Stop on LOR: BP5725 - Streatham Station #).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 133 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:	Streatham Station.

STREATHAM HILL STATION (from LIVERPOOL STREET STATION)

Buses proceed from Streatham Hill via Streatham High Road, Drewstead Road, Bridge To Sternhold Avenue and Sternhold Avenue departing to Streatham Hill. Set down in Streatham Hill, at stop D (29450 - Streatham Hill Stn # / Streatham Hill, Last Stop on LOR: 29450 - Streatham Hill Stn # / Streatham Hill) and pick up in Streatham Hill, at stop B (R0421 - Streatham Hill Stn # / Streatham Hill, First Stop on LOR: R0421 - Streatham Hill Stn # / Streatham Hill).

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

STREATHAM HILL, TELFORD AVENUE (from LIVERPOOL STREET STATION)

Private stand in Arriva's Brixton Bus Garage on east side of Streatham Hill opposite Telford Avenue.

Buses proceed from Streatham Hill via Brixton Garage to stand, departing via Brixton Garage to Streatham Hill. Set down in Streatham Hill, at Stop BH (R0417 - Streatham Hill / Christchurch Road, Last Stop on LOR: R0417 - Streatham Hill / Christchurch Road) and pick up in Streatham Hill, at Stop TA (R0420 - Telford Avenue, First Stop on LOR: R0420 - Telford 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:	Streatham Hill, Telford Avenue.

BRIXTON, LAMBETH TOWN HALL (EFFRA ROAD) (from LIVERPOOL STREET STATION)

Public stand for 3 buses on west side (offside) of Effra Road, commencing 30 metres south of lamp standard No 2498 opposite p/w Nos.9/11, and extending 30 metres north.

Buses proceed from Brixton Road via Effra Road to stand, departing via Effra Road and St Matthew's Road to Brixton Hill. Set down in Brixton Road, at Stop P (25945 - Brixton Station <> #, Last Stop on LOR: 233 - Brixton Station <> #) and pick up in Brixton Hill, at Stop Y (29685 - Lambeth Town Hall, First Stop on LOR: 29685 - Lambeth Town Hall).

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:	Brixton.
OTHER INFORMATION:	24 Hour Stand.

Brixton, Stockwell Park Walk (from Streatham Station)

Public stand for ten buses on the north side of Stockwell Park Walk commencing 15 metres east of a point opposite Astoria Walk and extending 123 metres west.

Buses proceed from Brixton Road via Stockwell Road and Stockwell Park Walk to stand, departing via Stockwell Park Walk to Brixton Road. Set down in Brixton Road, at Stop S (36214 - Brixton Station <> #, Last Stop on LOR: 36214 - Brixton Station <> #) and pick up in Brixton Road, at Stop G (26408 - Brixton Road / Brixton Police Station, First Stop on LOR: 26408 - Brixton Road / Brixton 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:	Brixton.

KENNINGTON, VASSALL ROAD (from Streatham Station)

Public stand for two buses on north side of Vassall Road, outside Holland Town Community Hall.

Buses proceed from Brixton Road via Camberwell New Road, Kennington Park Road, Clapham Road, Caldwell Street and Vassall Road to stand, departing via Vassall Road, Foxley Road and Camberwell New Road to Brixton Road. Set down in Brixton Road, at Stop G (20670 - St Mark's Church, Last Stop on LOR: 517 - St Mark's Church) and pick up in Brixton Road, at Stop J (4730 - St Mark's Church, First Stop on LOR: 4730 - St Mark's Church).

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

ELEPHANT & CASTLE, SOUTHWARK BRIDGE ROAD (from Streatham Station)

Buses proceed from Newington Causeway via Southwark Bridge Road and Gaunt Street departing to Newington Causeway. Set down in Newington Causeway, at stop F (33624 - Elephant & Castle / Newington Causeway, Last Stop on LOR: 33624 - Elephant & Castle / Newington Causeway) and pick up in Newington Causeway, at stop G (33625 - Elephant & Castle / Newington Causeway, First Stop on LOR: 33616 - Elephant & Castle Station <> #).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	Turning Point Only - Buses must not stand
BLIND DISPLAY:	Elephant & Castle.

LONDON BRIDGE STATION (from Streatham Station)

Buses proceed from Borough High Street via Station Approach, Railway Approach, Bay A, London Bridge Bus Station and London Bridge Street departing to Borough High Street. Set down in Bay A, at Stop G (OC478 - London Bridge Station #, Last Stop on LOR: BP851 - Union Street) and pick up in Borough High Street (BP4481 - Southwark Street, First Stop on LOR: BP4481 - Southwark Street).

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

MONUMENT STATION (from Streatham Station)

Buses proceed from King William Street via Arthur Street, Lower Thames Street, Monument Street and King William Street departing to London Bridge. Set down in King William Street, at Stop Q (2123 - Monument Station <>, Last Stop on LOR: 2123 - Monument Station <>) and pick up in London Bridge, at Stop P (BP140 - Monument Station <>, First Stop on LOR: BP140 - Monument Station <>).

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

LIVERPOOL STREET BUS STATION

Private stand for 10 buses in Liverpool Street Bus Station in Sun Street Passage. Five buses to stand in the enclosed section and five buses to stand in Sun Street Passage. The 3 bus stand on the south side of Sun Street Passage must only be used by routes 11/N11.

Buses proceed from Sun Street Passage via Liverpool Street Bus Station to stand, departing via Liverpool Street Bus Station to Sun Street Passage. Set down in Sun Street Passage (OC509 - Liverpool Street Station, Last Stop on LOR: OC509 - Liverpool Street Station) and pick up in Sun Street Passage, at Stop A (R0813 - Liverpool Street Station <> #, First Stop on LOR: R0813 - Liverpool Street Station <> #).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: No more than 2 buses on Route 133 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: Liverpool Street.
OTHER INFORMATION: LBSL toilets available 24 hours a day.

LONDON BUSES - ROUTE DESCRIPTION

ROUTE N133: Morden Station Forecourt - Liverpool Street Station

Date of Structural Change: 21 January 2017.

Date of Service Change: 21 January 2017.

Reason for Issue: New Tender.

STREETS TRAVERSED

Towards Liverpool Street Station: London Road, Morden Hall Road Roundabout, Morden Hall Road, A297, Morden Road, Wandle Road, London Road, Lower Green West, London Road, Raleigh Gardens, Upper Green West, Upper Green East, Commonside West, Commonside East, Manor Road, Rowan Road, Greyhound Terrace, Streatham Vale, Greyhound Lane, Streatham High Road, Streatham Hill, Brixton Hill, Brixton Road, Kennington Park Road, Newington Butts, Elephant And Castle, Newington Causeway, Borough High Street, London Bridge, King William Street, Lombard Street, Threadneedle Street, Old Broad Street, Sun Street Passage.

Towards Morden Station Forecourt: Sun Street Passage, Old Broad Street, Threadneedle Street, Mansion House Street, Lombard Street, King William Street, London Bridge, Borough High Street, Newington Causeway, Elephant And Castle, Newington Butts, Kennington Park Road, Brixton Road, Camberwell New Road, Brixton Road, Brixton Hill, Streatham Hill, Streatham High Road, Greyhound Lane, Streatham Vale, Greyhound Terrace, Rowan Road, Manor Road, Commonside East, Commonside West, Upper Green East, London Road, Bishopsford Road, Wandle Road, Morden Road, A297, Morden Hall Road, Aberconway Road, London Road, Bus Only Slip Road, Morden Station Forecourt.

AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

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

MORDEN STATION FORECOURT

Private stand for up to 8 buses on Morden Station Forecourt on north side of London Road. Buses proceed from Morden Station Forecourt direct to stand, departing to London Road. Set down in Morden Station Forecourt, at Stop N (BP2257 - Morden Station <>, Last Stop on LOR: BP2257 - Morden Station <>) and pick up {Not Specified}, C (W48 - Morden Station <>, First Stop on LOR: W48 - Morden Station <>).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route N133 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:	Morden.
OTHER INFORMATION:	Toilet facilities available.

MITCHAM, FAIR GREEN (from LIVERPOOL STREET STATION)

Buses proceed from Upper Green East via London Road departing to Raleigh Gardens. Set down in Raleigh Gardens, at Stop G (R0677 - Raleigh Gardens, Last Stop on LOR: 17574 - Mitcham Fair Green) and pick up in Raleigh Gardens, at Stop G (R0677 - Raleigh Gardens, First Stop on LOR: BP683 - Mitcham Fair Green).

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

ROWAN ROAD, MANOR ROAD (from LIVERPOOL STREET STATION)

Buses proceed from Rowan Road via Wide Way, South Lodge Avenue and Wide Way departing to Rowan Road. Set down {Not Specified}, at Stop VQ (25839 - Rosemead Avenue, Last Stop on LOR: 25839 - Rosemead Avenue) and pick up {Not Specified}, at Stop P (12671 - Northborough Road, First Stop on LOR: 12671 - Northborough Road).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	Turning Point Only - Buses must not stand
BLIND DISPLAY:	Rowan Road, Manor Road.

STREATHAM, ST. LEONARD'S CHURCH (from LIVERPOOL STREET STATION)

Public stand for two buses on the north side of Tooting Bec Gardens, commencing 30 metres west of junction with Streatham High Road, and extending 20 metres west. Buses proceed from Streatham High Road via Mitcham Lane, Ambleside Avenue and Tooting Bec Gardens to stand, departing via Tooting Bec Gardens to Streatham High Road. Set down in Mitcham Lane, at Alighting Point (34660 - , Last Stop on LOR: 20970 - Becmead Avenue) and pick up in Streatham High Road, at Stop O (25857 - Becmead Avenue, First Stop on LOR: 25857 - Becmead 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:	Streatham, St. Leonard's Church.

STREATHAM HILL STATION (from LIVERPOOL STREET STATION)

Buses proceed from Streatham Hill via Streatham High Road, Drewstead Road, Bridge To Sternhold Avenue and Sternhold Avenue departing to Streatham Hill. Set down in Streatham Hill, at stop D (29450 - Streatham Hill Stn # / Streatham Hill, Last Stop on LOR: 29450 - Streatham Hill Stn # / Streatham Hill) and pick up in Streatham Hill, at stop B (R0421 - Streatham Hill Stn # / Streatham Hill, First Stop on LOR: R0421 - Streatham Hill Stn # / Streatham Hill).

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

BRIXTON, STOCKWELL PARK WALK

Public stand for ten buses on the north side of Stockwell Park Walk commencing 15 metres east of a point opposite Astoria Walk and extending 123 metres west.

From Liverpool Street Station.

Buses proceed from Brixton Road via Stockwell Road and Stockwell Park Walk to stand, departing via Stockwell Park Walk to Brixton Road. Set down in Brixton Road, at Stop F (26408 - Brixton Road / Brixton Police Station, Last Stop on LOR: 26408 - Brixton Road / Brixton Police Station) and pick up in Brixton Road, at Stop RA (2393 - Villa Road, First Stop on LOR: 2393 - Villa Road).

From Morden Station Forecourt.

Buses proceed from Brixton Road via Stockwell Road and Stockwell Park Walk to stand, departing via Stockwell Park Walk to Brixton Road. Set down in Brixton Road, at Stop S (36214 - Brixton Station <> #, Last Stop on LOR: 36214 - Brixton Station <> #) and pick up in Brixton Road, at Stop P (25945 - Brixton Station <> #, First Stop on LOR: 233 - Brixton 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:	Brixton.

KENNINGTON, VASSALL ROAD (from Morden Station Forecourt)

Public stand for two buses on north side of Vassall Road, outside Holland Town Community Hall.

Buses proceed from Brixton Road via Camberwell New Road, Kennington Park Road, Clapham Road, Caldwell Street and Vassall Road to stand, departing via Vassall Road, Foxley Road and Camberwell New Road to Brixton Road. Set down in Brixton Road, at Stop G (20670 - St Mark's Church, Last Stop on LOR: 517 - St Mark's Church) and pick up in Brixton Road, at Stop J (4730 - St Mark's Church, First Stop on LOR: 4730 - St Mark's Church).

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

ELEPHANT & CASTLE, SOUTHWARK BRIDGE ROAD (from Morden Station Forecourt)

Buses proceed from Newington Causeway via Southwark Bridge Road and Gaunt Street departing to Newington Causeway. Set down in Newington Causeway, at stop F (33624 - Elephant & Castle / Newington Causeway, Last Stop on LOR: 33624 - Elephant & Castle / Newington Causeway) and pick up in Newington Causeway, at stop G (33625 - Elephant & Castle / Newington Causeway, First Stop on LOR: 33616 - Elephant & Castle Station <> #).

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

LONDON BRIDGE STATION (from Morden Station Forecourt)

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).

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

MONUMENT STATION (from Morden Station Forecourt)

Buses proceed from King William Street via Arthur Street, Lower Thames Street, Monument Street and King William Street departing to London Bridge. Set down in King William Street, at Stop Q (2123 - Monument Station <>, Last Stop on LOR: 2123 - Monument Station <>) and pick up in London Bridge, at Stop P (BP140 - Monument Station <>, First Stop on LOR: BP140 - Monument Station <>).

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

LIVERPOOL STREET, BUS STATION

Private stand for 10 buses in Liverpool Street Bus Station in Sun Street Passage.
Five buses to stand in the enclosed section and five buses to stand in Sun Street Passage.
The 3 bus stand on the south side of Sun Street Passage must only be used by routes 11/N11.

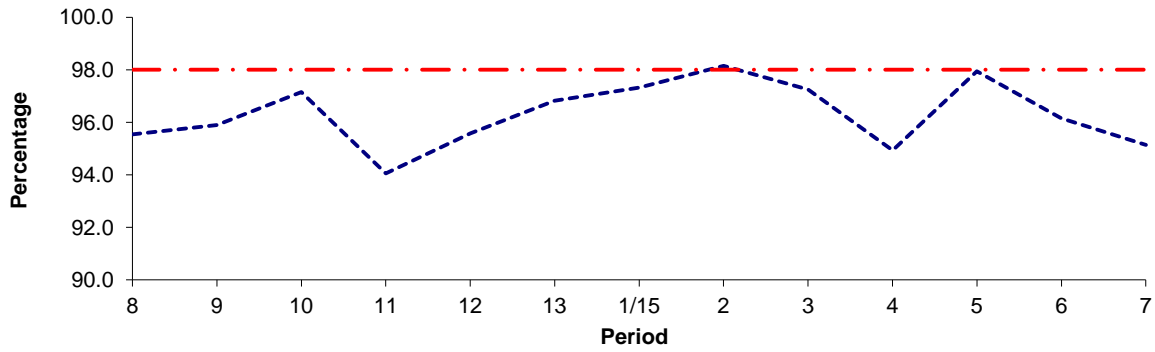
.
Buses proceed from Sun Street Passage via Liverpool Street Bus Station to stand, departing via Liverpool Street Bus Station to Sun Street Passage. Set down in Sun Street Passage, at Alighting Point (OC509 - Liverpool Street Station, Last Stop on LOR: OC509 - Liverpool Street Station) and pick up in Sun Street Passage, at Stop A (R0813 - Liverpool Street Station <> #, First Stop on LOR: R0813 - Liverpool Street Station <> #).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route N133 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:	Liverpool Street.
OTHER INFORMATION:	LBSL toilet facilities available 24 hours a day.

PART B - PERFORMANCE STATISTICS

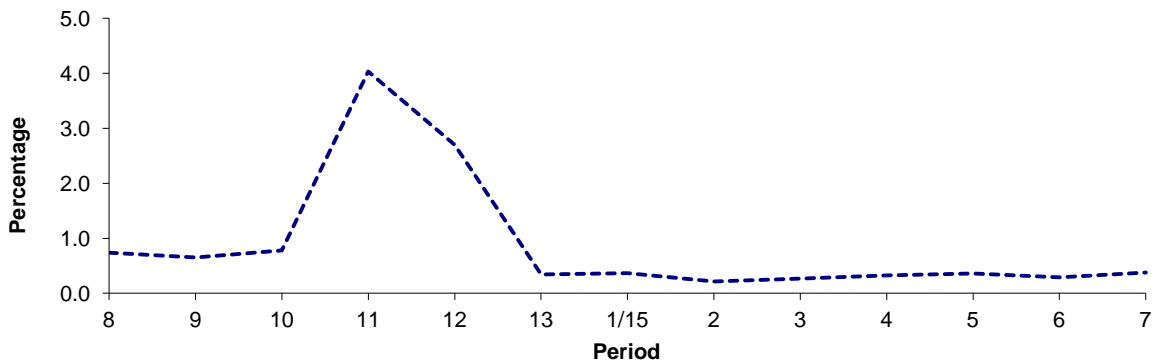
Route 133

Mileage Operated



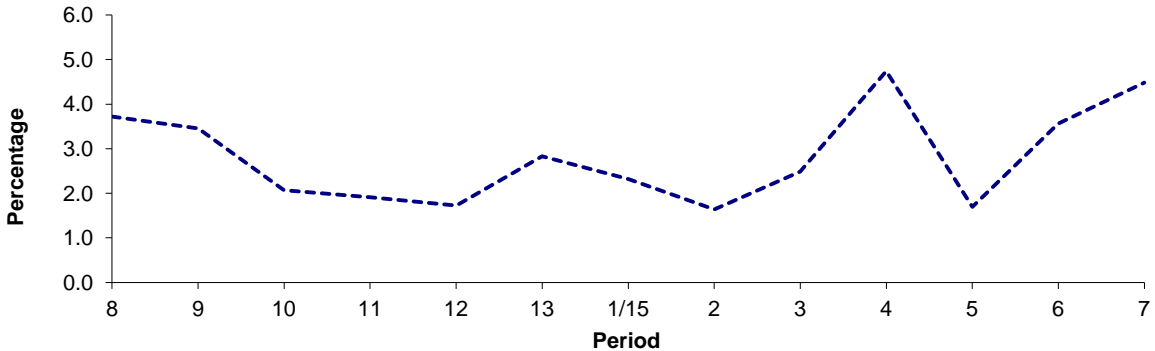
Period	8	9	10	11	12	13	1/15	2	3	4	5	6	7
2014/2015	95.54	95.89	97.15	94.06	95.58	96.83	97.32	98.15	97.25	94.93	97.94	96.15	95.14
Min Standard	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00

Deductible Mileage



Period	8	9	10	11	12	13	1/15	2	3	4	5	6	7
2014/2015	0.74	0.65	0.78	4.03	2.70	0.34	0.37	0.21	0.26	0.33	0.36	0.29	0.38

Non Deductible Mileage

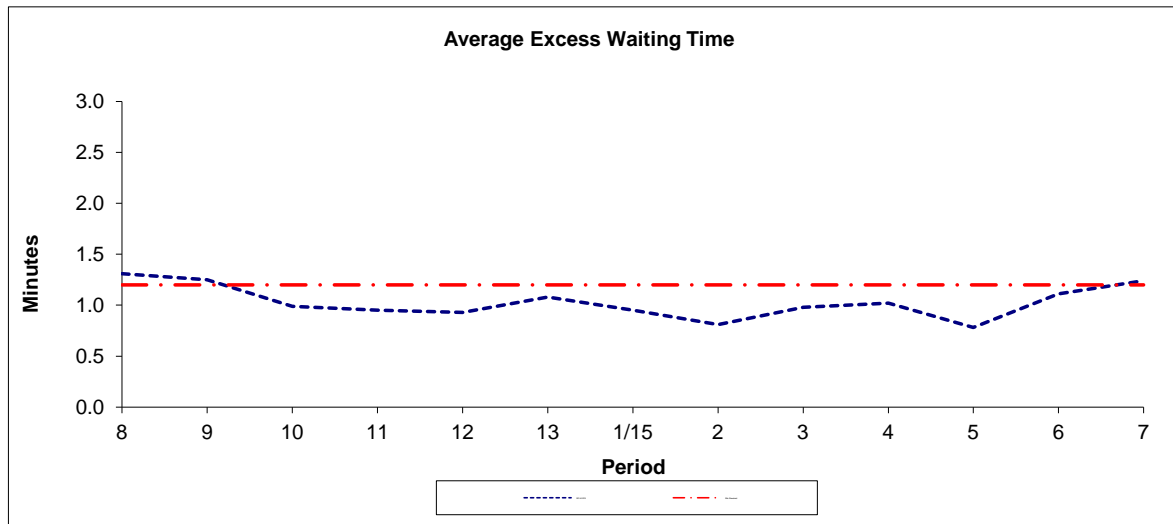


Period	8	9	10	11	12	13	1/15	2	3	4	5	6	7
2014/2015	3.72	3.45	2.07	1.91	1.72	2.83	2.32	1.64	2.49	4.74	1.69	3.56	4.48

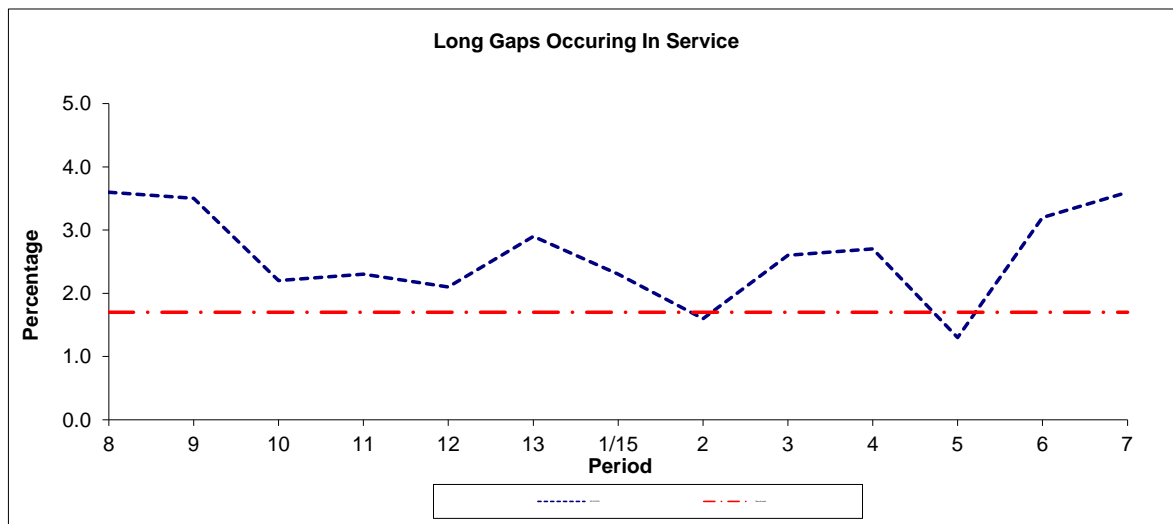
Note : Mileage is based on 4 weeks data
Deductible Mileage was adversely affected by industrial action in periods 11 and 12 14/15.

PART B - PERFORMANCE STATISTICS

Route 133



Period	8	9	10	11	12	13	1/15	2	3	4	5	6	7
2014-2015	1.31	1.25	0.99	0.95	0.93	1.08	0.95	0.81	0.98	1.02	0.78	1.11	1.24
Min Standard	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20



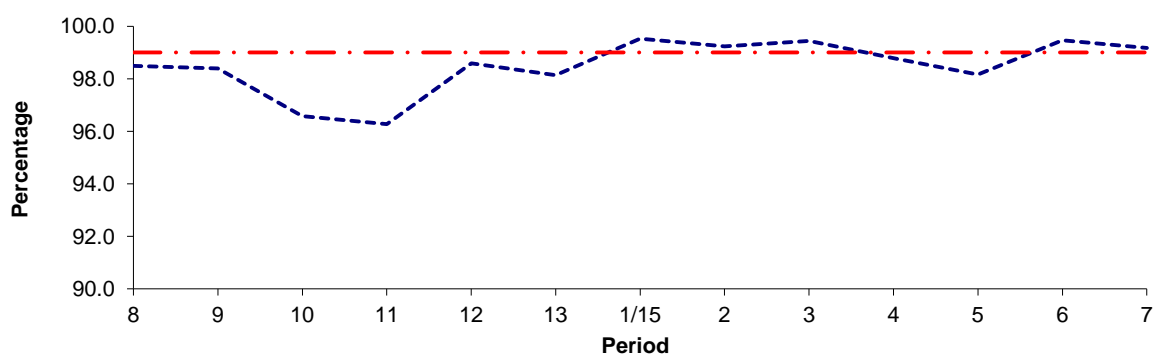
Period	8	9	10	11	12	13	1/15	2	3	4	5	6	7
2014-2015	3.6	3.5	2.2	2.3	2.1	2.9	2.3	1.6	2.6	2.7	1.3	3.2	3.6
Benchmark	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7

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

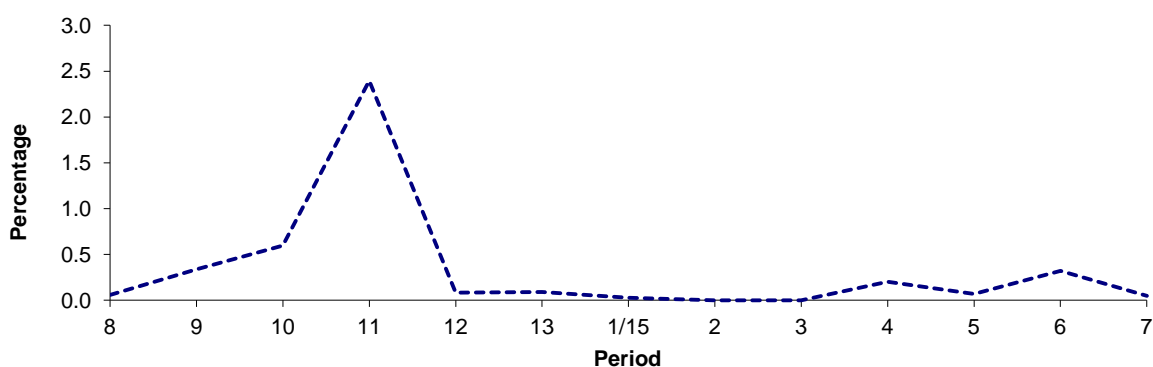
Route N133

Mileage Operated



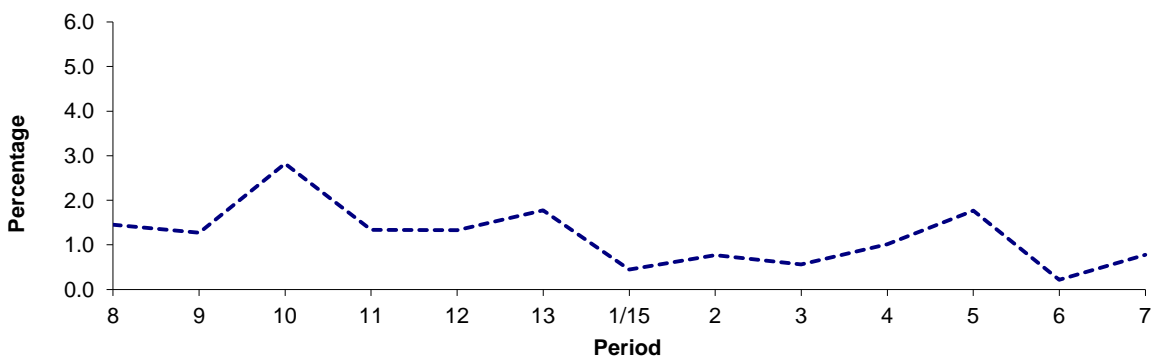
Period	8	9	10	11	12	13	1/15	2	3	4	5	6	7
2014/2015	98.49	98.39	96.58	96.27	98.59	98.13	99.53	99.23	99.44	98.78	98.16	99.46	99.18
Min Standard	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00

Deductible Mileage



Period	8	9	10	11	12	13	1/15	2	3	4	5	6	7
2014/2015	0.06	0.34	0.60	2.40	0.08	0.09	0.03	0.00	0.00	0.20	0.07	0.32	0.05

Non Deductible Mileage

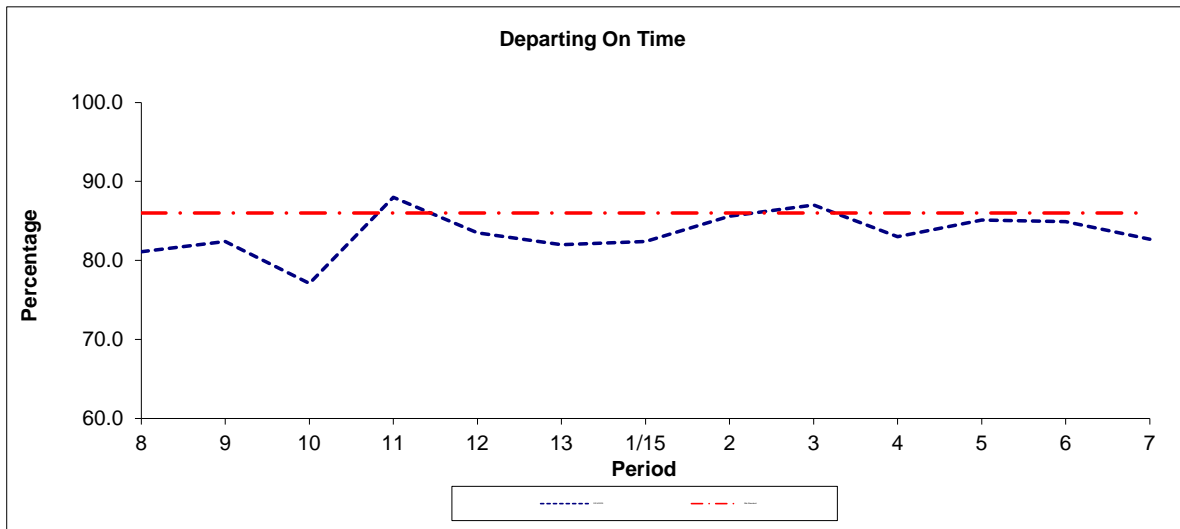


Period	8	9	10	11	12	13	1/15	2	3	4	5	6	7
2014/2015	1.45	1.27	2.82	1.34	1.33	1.77	0.44	0.77	0.56	1.02	1.77	0.22	0.78

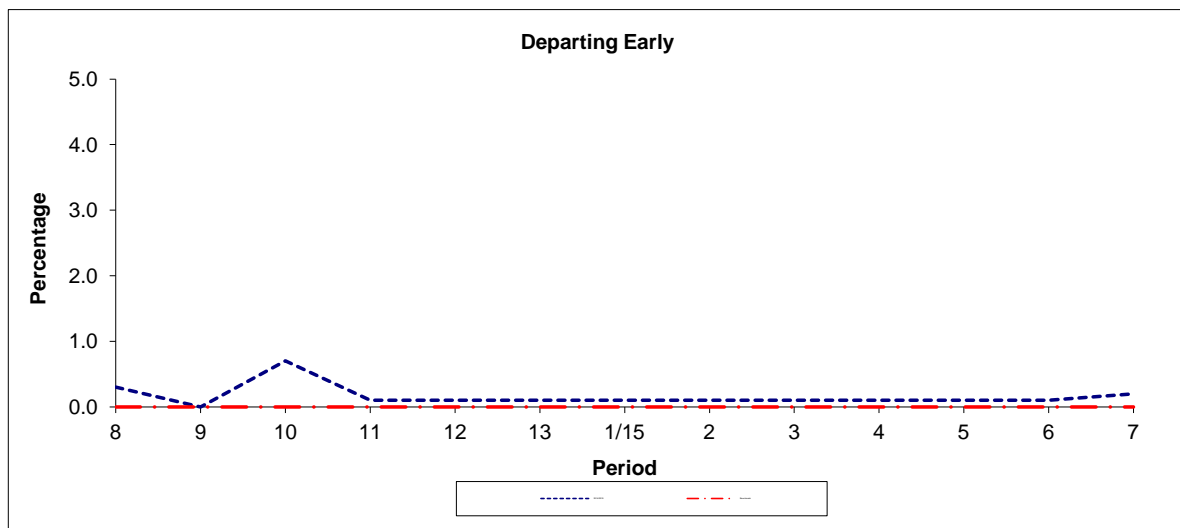
Note : Mileage is based on 4 weeks data
Deductible Mileage was adversely affected by industrial action in period 11 14/15.

PART B - PERFORMANCE STATISTICS

Route N133



Period	8	9	10	11	12	13	1/15	2	3	4	5	6	7
2014/2015	81.1	82.4	77.1	88.0	83.5	82.0	82.4	85.6	87.0	83.0	85.1	84.9	82.7
Min Standard	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0



Period	8	9	10	11	12	13	1/15	2	3	4	5	6	7
2014/2015	0.3	0.0	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
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 133 - FULL iBUS RESULTS BY TIME OF DAY
QUARTER 3 14/15 TO QUARTER 2 15/16 (13/09/14 - 18/0915)

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	44,194.	41,907.	94.8	4.13	0.93	5.06	89.4	10.4	0.2	0.0	1.0	60
07:00 - 10:00	104,551.	98,553.	94.3	2.74	1.16	3.89	93.8	5.6	0.5	0.1	4.1	47
10:00 - 13:00	83,673.	80,988.	96.8	3.32	1.10	4.42	92.3	7.1	0.5	0.1	3.0	60
13:00 - 16:00	86,737.	84,715.	97.7	3.27	0.87	4.14	94.6	5.2	0.2	0.1	1.7	58
16:00 - 19:00	102,266.	98,246.	96.1	2.79	1.10	3.89	94.4	5.3	0.3	0.1	3.7	55
19:00 - 22:00	68,354.	66,593.	97.4	4.05	1.14	5.19	87.5	11.6	0.8	0.1	2.6	51
22:00 - 24:00	32,136.	32,075.	99.8	5.69	0.82	6.51	78.0	20.5	1.4	0.2	0.9	84
All Locations	521,911.	503,077.	96.4	3.27	1.05	4.32	92.3	7.1	0.4	0.1	2.9	84

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	6,687.	6,564.	98.2	5.75	0.64	6.39	80.4	18.9	0.6	0.1	0.3	45
07:00 - 10:00	15,036.	14,602.	97.1	4.00	0.80	4.80	91.7	8.0	0.2	0.0	0.6	32
10:00 - 13:00	17,643.	17,469.	99.0	3.37	0.68	4.05	95.5	4.4	0.1	0.0	1.0	31
13:00 - 16:00	17,541.	16,928.	96.5	3.35	1.01	4.36	92.6	6.6	0.5	0.3	2.8	58
16:00 - 19:00	16,911.	16,320.	96.5	3.47	0.99	4.45	92.4	6.9	0.5	0.2	2.4	60
19:00 - 22:00	10,503.	10,290.	98.0	5.55	1.06	6.60	76.7	21.1	1.8	0.4	1.4	61
22:00 - 24:00	6,753.	6,442.	95.4	5.92	1.11	7.04	73.7	24.1	2.0	0.3	0.9	45
All Locations	91,074.	88,615.	97.3	3.93	0.91	4.84	89.8	9.4	0.6	0.2	1.7	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	6,904.	6,659.	96.5	5.98	0.88	6.85	76.1	22.1	1.5	0.2	0.7	42
07:00 - 10:00	11,230.	10,874.	96.8	5.89	0.80	6.68	77.5	21.5	1.0	0.0	0.3	47
10:00 - 13:00	11,314.	11,256.	99.5	5.86	0.73	6.59	77.7	21.0	1.1	0.2	0.6	49
13:00 - 16:00	11,246.	10,828.	96.3	5.93	0.99	6.92	75.2	22.6	1.8	0.3	0.9	60
16:00 - 19:00	11,157.	10,732.	96.2	5.95	1.02	6.96	75.1	22.8	1.8	0.4	1.1	51
19:00 - 22:00	11,078.	10,931.	98.7	5.98	0.97	6.95	76.3	21.3	1.8	0.6	1.3	50
22:00 - 24:00	7,454.	7,518.	100.9	5.91	0.59	6.51	79.2	20.0	0.7	0.1	0.4	72
All Locations	70,383.	68,798.	97.7	5.92	0.89	6.82	76.3	21.9	1.5	0.3	0.8	72

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	57,785.	55,130.	95.4	4.42	0.90	5.32	87.6	12.0	0.3	0.0	0.9	60
07:00 - 10:00	130,817.	124,029.	94.8	3.00	1.11	4.11	92.8	6.7	0.5	0.1	3.6	47
10:00 - 13:00	112,630.	109,713.	97.4	3.64	0.99	4.62	91.1	8.3	0.5	0.1	2.4	60
13:00 - 16:00	115,524.	112,471.	97.4	3.58	0.90	4.48	92.1	7.3	0.4	0.1	1.8	60
16:00 - 19:00	130,334.	125,298.	96.1	3.18	1.08	4.26	92.2	7.2	0.5	0.1	3.3	60
19:00 - 22:00	89,935.	87,814.	97.6	4.48	1.11	5.59	84.7	14.0	1.1	0.2	2.3	61
22:00 - 24:00	46,343.	46,035.	99.3	5.76	0.83	6.59	77.5	21.0	1.4	0.2	0.8	84
All Locations	683,368.	660,490.	96.7	3.61	1.02	4.63	90.4	8.9	0.6	0.1	2.6	84

ROUTE N133 - FULL iBUS RESULTS BY TIME OF DAY
QUARTER 3 14/15 TO QUARTER 2 15/16 (13/09/14 - 18/0915)

MONDAY - FRIDAY

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	Linked Buses (%)	On Time (%)	Non Arrival / Not Linked (%)	Early (%)	Late (%)
00:00 - 05:00	40,173.	39,880.	99.3	98.8	89.7	1.2	0.1	9.0
All Locations	40,173.	39,880.	99.3	98.8	89.7	1.2	0.1	9.0

SATURDAY

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	Linked Buses (%)	On Time (%)	Non Arrival / Not Linked (%)	Early (%)	Late (%)
00:00 - 05:00	8,457.	8,296.	98.1	95.9	78.8	2.5	0.2	18.5
All Locations	8,457.	8,296.	98.1	95.9	78.8	2.5	0.2	18.5

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	8,981.	8,713.	97.0	94.1	73.1	5.2	0.2	21.4
All Locations	8,981.	8,713.	97.0	94.1	73.1	5.2	0.2	21.4

ALL DAYS

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	Linked Buses (%)	On Time (%)	Non Arrival / Not Linked (%)	Early (%)	Late (%)
00:00 - 05:00	57,611.	56,889.	98.7	97.7	83.3	2.5	0.2	14.1
All Locations	57,611.	56,889.	98.7	97.7	83.3	2.5	0.2	14.1

Transport for London - QSI Points and Live Mileage List

v2.0 - Mileage directly imported from Caesar

TRANCHE 548

Route 133

Service change 37033

Date 24/05/2014

QSI Points are highlighted.

Reason for Issue

Mileage update

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
STRESN	BP5725	Streatham Station		
	SL37	St Leonard's Church	365	0.23
	25857	Becmead Avenue	485	0.30
	2403	Kingscourt Road	228	0.14
	36915	Mount Ephraim Road	161	0.10
	R0421	Streatham Hill Stn / Streatham Hill	346	0.21
	1764	Barrhill Road	225	0.14
SMHLTA	R0420	Telford Avenue	202	0.13
	43	Christchurch Road	239	0.15
	2397	Holmewood Road	267	0.17
	706	New Park Road	214	0.13
	707	Jebb Avenue / Brixton Prison	274	0.17
	710	Blenheim Gardens	390	0.24
	2395	Rush Common	333	0.21
	29685	Lambeth Town Hall	309	0.19
BRIXSN	36214	Brixton Station	298	0.19
	26407	Brixton Road / Brixton Police Station	360	0.22
	2393	Villa Road	243	0.15
	4726	Loughborough Road	244	0.15
	2391	Grovelway	346	0.21
	BP2394	Hillyard Street	225	0.14
	451	Vassall Road	289	0.18
KENNCH	517	St Mark's Church	390	0.24
	602	Kennington Road	534	0.33
	604	Kennington Station	352	0.22
	2143	Penton Place	304	0.19
	2140	Newington Butts	221	0.14
	33619	Elephant & Castle Station	291	0.18
ELEFNC	33624	Elephant & Castle / Newington Causeway	351	0.22
	2137	Southwark Police Station	282	0.18
	26351	Borough Station	373	0.23
	BP851	Union Street	284	0.18
LONBSC	978	London Bridge	491	0.31
	2123	Monument Station	324	0.20
	27954	Bank Station / King William Street	330	0.21
	8606	Bank Station / Threadneedle Street	238	0.15
	BP5974	Austin Friars	190	0.12
LVSTBS	OC509	Liverpool Street Station	434	0.27
Total Route Mileage - Out Direction			11432	7.10
			Metres	Miles

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
LVSTBS	R0813	Liverpool Street Station		
	8589	Great Winchester Street	302	0.19
	8588	Threadneedle Street	131	0.08
	14691	King William Street / Monument Station	515	0.32
	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
	26353	Borough Station	251	0.16
	91531	Borough Police Station	313	0.19
ELEFNC	33625	Elephant & Castle / Newington Causeway	233	0.14
	33616	Elephant & Castle Station		
	2141	Newington Butts	360	0.22
	35298	Penton Place	253	0.16
	605	Kennington Station	179	0.11
	603	Kennington Road	480	0.30
KENNCH	4730	St Mark's Church	579	0.36
	452	Vassall Road	494	0.31
	2392	Grovelway	289	0.18
	4727	Loughborough Road	414	0.26
	2394	Villa Road	251	0.16
	26408	Brixton Road / Brixton Police Station	244	0.15
BRIXSN	233	Brixton Station	442	0.27
	2396	Rush Common	373	0.23
	4725	Brixton Water Lane	279	0.17
	709	Blenheim Gardens	245	0.15
	708	Jebb Avenue / Brixton Prison	222	0.14
	705	New Park Road	415	0.26
	2398	Holmewood Road	205	0.13
	R0417	Streatham Hill / Christchurch Road	310	0.19
SMHLTA	27495	Telford Avenue	256	0.16
	29450	Streatham Hill Stn / Streatham Hill	312	0.19
	25963	Leigham Court Road	249	0.15
	3019	Mount Ephraim Road	161	0.10
	2404	Kingscourt Road	138	0.09
	20970	Becmead Avenue	236	0.15
	468	St Leonard's Church	513	0.32
	BP5726	Streatham Station	388	0.24
STRESN				
Total Route Mileage - Back Direction				
			Metres	Miles

Transport for London - QSI Points and Live Mileage List

v2.0 - Mileage directly imported from Caesar

TRANCHE 548

Route:N133

Service change: 35877

Date: 12/09/2015

QSI Points are highlighted.

Reason for Issue

Extension of route to Morden Station

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
MORDSN	W48	Morden Station		
	17561	Morden Hall	292	0.18
	2850	Morden Hall Road / Central Road	412	0.26
	17564	The Drive	433	0.27
	17567	Milner Road	306	0.19
	34695	Bishopsford Road	437	0.27
MTCHLT	17570	Mitcham Tram Stop	318	0.20
	17572	Gedge Court	240	0.15
	BP5365	Mitcham / Cricket Green	237	0.15
	BP5331	Glebe Court	572	0.36
	37388	Langdale Avenue	190	0.12
MTCHFG	BP683	Mitcham Fair Green	422	0.26
	17575	Three Kings Pond	386	0.24
	17576	Cedars Avenue	329	0.20
	17578	Tamworth Park	402	0.25
	12672	Sherwood Park Road	510	0.32
	3819	Robinhood Lane	367	0.23
MTCHRR	12671	Northborough Road	341	0.21
	25838	Stanford Way	349	0.22
	12664	Longthornton Road	329	0.20
	12663	Rowan Crescent	231	0.14
	12659	Greyhound Terrace	266	0.17
	12799	Braeside Road	334	0.21
	12796	Streatham Common Station	413	0.26
	12793	Tankerville Road	156	0.10
	12789	Greyhound Lane / Streatham High Road	476	0.30
	25860	Streatham Station	455	0.28
STRESL	SL37	St Leonard's Church	392	0.24
	25857	Becmead Avenue	485	0.30
	2403	Kingscourt Road	228	0.14
	36915	Mount Ephraim Road	192	0.12
	R0421	Streatham Hill Stn / Streatham Hill	360	0.22
	1764	Barnhill Road	211	0.13
SMHLTA	R0420	Telford Avenue	202	0.13
	43	Christchurch Road	239	0.15
	2397	Holmewood Road	267	0.17
	706	New Park Road	214	0.13
	707	Jebb Avenue / Brixton Prison	274	0.17
	710	Blenheim Gardens	390	0.24
	2395	Rush Common	333	0.21
	29685	Lambeth Town Hall	309	0.19
BRIXSN	36214	Brixton Station	298	0.19
	26407	Brixton Road / Brixton Police Station	360	0.22
	2393	Villa Road	243	0.15
	4726	Loughborough Road	244	0.15
	2391	Grove way	346	0.21
	BP2394	Hillyard Street	225	0.14
	451	Vassall Road	289	0.18
KENNCH	517	St Mark's Church	390	0.24
	25649	Kennington Park	361	0.22
	602	Kennington Road	173	0.11
	604	Kennington Station	352	0.22
	2143	Penton Place	304	0.19
	2140	Newington Butts	221	0.14
	33619	Elephant & Castle Station	288	0.18
ELEFNC	33624	Elephant & Castle / Newington Causeway	354	0.22
	2137	Inner London Crown Court	282	0.18
	26351	Borough Station	373	0.23
	BP851	Union Street	284	0.18
LONBSC	978	London Bridge	491	0.31
	2123	Monument Station	324	0.20
	27954	Bank Station / King William Street	330	0.21
BANKSNP	8606	Bank Station / Threadneedle Street	238	0.15
	BP5974	Austin Friars	190	0.12
LVSTBS	OC509	Liverpool Street Station	434	0.27
Total Route Mileage - Out Direction			20693	12.86
			Metres	Miles

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
LVSTBS	R0813	Liverpool Street Station		
	8589	Great Winchester Street	302	0.19
BANKSNP	8588	Threadneedle Street	131	0.08
	14691	King William Street / Monument Station	515	0.32
	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
	26353	Borough Station	251	0.16
	91531	Inner London Crown Court	313	0.19
ELEFNC	33625	Elephant & Castle / Newington Causeway	233	0.14
	33616	Elephant & Castle Station		
	2141	Newington Butts	312	0.19
	35298	Penton Place	253	0.16
	605	Kennington Station	179	0.11
	603	Kennington Road	480	0.30
KENNCH	4730	St Mark's Church	579	0.36
	452	Vassall Road	494	0.31
	2392	Grove way	289	0.18
	4727	Loughborough Road	414	0.26
	2394	Villa Road	251	0.16
	26408	Brixton Road / Brixton Police Station	244	0.15
BRIXSN	233	Brixton Station	442	0.27
	2396	Rush Common	373	0.23
	4725	Brixton Water Lane	279	0.17
	709	Blenheim Gardens	245	0.15
	708	Jebb Avenue / Brixton Prison	222	0.14
	705	New Park Road	415	0.26
	2398	Holmewood Road	205	0.13
	R0417	Streatham Hill / Christchurch Road	310	0.19
SMHLTA	27495	Telford Avenue	256	0.16
	29450	Streatham Hill Stn / Streatham Hill	312	0.19
	25963	Leigham Court Road	249	0.15
	3019	Mount Ephraim Road	161	0.10
	2404	Kingscourt Road	138	0.09
	20970	Becmead Avenue	236	0.15
STRESL	468	St Leonard's Church	513	0.32
	25859	Streatham Station	331	0.21
	35037	Streatham United Reformed Church	219	0.14
	12790	Greyhound Lane / Streatham High Road	318	0.20
	11755	Streatham Common Station	419	0.26
	12795	Aberfoyle Road	239	0.15
	12800	Braeside Road	251	0.16
	12801	Greyhound Terrace	270	0.17
	12661	Rowan Crescent	362	0.22
	12662	Longthornton Road	197	0.12
	12665	Streatham Park Cemetery	168	0.10
	25839	Rosemead Avenue	389	0.24
MTCHRR	12670	Northborough Road	310	0.19
	3820	Robinhood Lane	290	0.18
	R0097	Sherwood Park Road	382	0.24
	17579	Tamworth Park	487	0.30
	17577	Pentlands Close	166	0.10
	33725	Cedars Avenue	193	0.12
	20626	Three Kings Pond	431	0.27
MTCHFG	17574	Mitcham Fair Green	310	0.19
	33892	Glebe Court	308	0.19
	33629	Mitcham / Cricket Green	432	0.27
MTCHLT	17571	Mitcham Tram Stop	437	0.27
	17568	Bishopsford Road	390	0.24
	17566	Milner Road	344	0.21
	17565	The Drive	312	0.19
	R0299	Morden Hall Road / Central Road	563	0.35
	BP5865	Aberconway Road	311	0.19
MORDSN	BP2257	Morden Station	320	0.20
Total Route Mileage - Back Direction				
			Metres	Miles