

7. Service Specification

Route: 91 & N91

Contract Reference: QC50201

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 - Route No. 91	Crouch End, Tottenham Lane, YMCA and Trafalgar Square
Terminus Points - Route No. N91	Cockfosters Station and Trafalgar Square
Contract Basis	Incentivised
Commencement Date	6 th February 2016
Vehicle Type	Option 1 & 1a Route No. 91 & N91: 87 capacity, dual door, double deck buses Option 2 & 2a Route No. 91: New Routemaster (NRM) with one person operation (OPO) at all times (see attached letter) Route No. N91: 87 capacity, dual door, double deck buses Option 3 & 3a Route No. 91 & N91: New Routemaster (NRM) with one person operation (OPO) at all times (see attached letter)
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. 91	Average Excess Wait Time - No more than 1.20 minutes
Extension Threshold - Route No. 91	Average Excess Wait Time Threshold – 1.05 minutes
Minimum Operated Mileage Standard - Route No. 91	No less than 98.00%
Departing On Time - Route No. N91	Departing on Time - No less than 82.00%
Minimum Operated Mileage Standard - Route No. N91	No less than 99.00%

The Date of Tender for this ITT is:

No later than 12 Noon on Monday 26th January 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. 91 & N91.

Tenderers should note that the following alterations (subject to consultation) are proposed as part of this Service Specification for introduction with the new Route Agreement:

Route No. 91

- 3 additional AM peak flow journeys ex Crouch End are removed.
- 1 additional AM peak flow journey ex Trafalgar Square is removed.
- The remaining additional AM peak flow journey ex Crouch End is re-timed to provide a frequency of every 6-7 minutes at Kings Cross between 0730-0830.

Route No. N91

Option 1, 2 & 3:

- No changes

Option 1a, 2a & 3a:

- The weekend nights frequency is reduced from every 15 minutes to every 30 minutes.

All Options

- The designation Route No. N91 is used for contractual purposes only. This service will be marketed as Route No. 91. This includes all publicity, including destination blind displays.
- **Tenderers must identify the cost of the Nightly element of this service separately.**

Vehicle Type:

Option 1 & 1a

Route No. 91 & N91:

87 capacity, dual door, double deck buses

Option 2 & 2a

Route No. 91:

New Routemaster (NRM) with one person operation (OPO) at all times (see attached letter)

Route No. N91:

87 capacity, dual door, double deck buses

Option 3 & 3a

Route No. 91 & N91:

- New Routemaster (NRM) with one person operation (OPO) at all times (see attached letter)

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.**
- 4. Annual New Routemaster Price for Route No. 91 only.**
- 5. Annual New Routemaster Price for Route No. 91 and N91.**

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

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

any Monday to Friday evening requirements at non-ends

Crouch End, Tottenham Lane, YMCA to Trafalgar Square, Whitehall			Trafalgar Square, Northumberland Avenue to Crouch End, Tottenham Lane, YMCA		
First departure no later than 0505.			First departure no later than 0530.		
0500 - 0525	Every 20 minutes		0525 - 0650	Every 10 minutes	
0526 - 0615	Every 10 minutes		0651 - 1700	Every 7-8 minutes (8 buses per hour)	
0616 - 0710	Every 7-8 minutes (8 buses per hour)		1701 - 1800	Every 6-7 minutes (9 buses per hour)	
0711 - 0810	Every 6-7 minutes (9 buses per hour)		1801 - 2030	Every 7-8 minutes (8 buses per hour)	
0816 - 1945	Every 7-8 minutes (8 buses per hour)		2031 - 0015	Every 10 minutes	
1946 - 0020	Every 10 minutes				
Last departure no earlier than 0015.			Last departure no earlier than 0010.		
Pinchpoints					
Holborn Station	0705 - 0750	8 minutes	Holloway, Nag's Head, Parkhurst Road	0720 - 0905	8 minutes
	0751 - 0900	7 minutes		1505 - 1635	8 minutes
	1500 - 1630	8 minutes		1745 - 1845	7 minutes

3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Crouch End, Tottenham Lane, YMCA to Trafalgar Square, Whitehall			Trafalgar Square, Northumberland Avenue to Crouch End, Tottenham Lane, YMCA		
First departure no later than 0505.			First departure no later than 0530.		
0500 - 0525	Every 20 minutes		0525 - 0840	Every 12 minutes	
0526 - 0815	Every 12 minutes		0841 - 0920	Every 10 minutes	
0816 - 0855	Every 10 minutes		0921 - 1900	Every 7-8 minutes (8 buses per hour)	
0856 - 1805	Every 7-8 minutes (8 buses per hour)		1901 - 0015	Every 10 minutes	
1806 - 0020	Every 10 minutes				
Last departure no earlier than 0015.			Last departure no earlier than 0010.		
Pinchpoints					
Holborn Station	0945 - 1145	8 minutes	Holloway, Nag's Head, Parkhurst Road	0950 - 1150	8 minutes

3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued

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

Crouch End, Tottenham Lane, YMCA to Trafalgar Square, Whitehall			Trafalgar Square, Northumberland Avenue to Crouch End, Tottenham Lane, YMCA		
First departure no later than 0605.			First departure no later than 0650.		
0600 - 0705	Every 20 minutes		0645 - 0950	Every 12 minutes	
0706 - 0915	Every 12 minutes		0951 - 0015	Every 10 minutes	
0916 - 2335	Every 10 minutes				
2336 - 0020	Every 20 minutes				
Last departure no earlier than 0015.			Last departure no earlier than 0010.		
Pinchpoints					
Holborn Station	1005 - 1205	10 minutes	Holloway, Nag's Head, Parkhurst Road	1020 - 1220	10 minutes

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

ROUTE NO. N91 – ALL OPTIONS

3.4) SUNDAY NIGHTS/MONDAY MORNINGS

Cockfosters Station to Trafalgar Square, Whitehall		Trafalgar Square, Northumberland Avenue to Cockfosters Station	
First departure no later than 2315.		First departure no later than 0020.	
2310 - 2335	Every 20 minutes	0015 - 0050	Every 15 minutes
2336 - 0405	Every 30 minutes	0051 - 0525	Every 30 minutes
0406 - 0450	Every 20 minutes		
Last departure no earlier than 0445.		Last departure no earlier than 0520.	

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

MONDAY NIGHTS/TUESDAY MORNINGS TO THURSDAY NIGHTS/FRIDAY MORNINGS

Cockfosters Station to Trafalgar Square, Whitehall		Trafalgar Square, Northumberland Avenue to Cockfosters Station	
First departure no later than 0005.		First departure no later than 0020.	
2400 - 0405	Every 30 minutes	0015 - 0525	Every 30 minutes
0406 - 0450	Every 20 minutes		
Last departure no earlier than 0445.		Last departure no earlier than 0520.	

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

3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued

ROUTE NO. N91 - OPTION 1, 2 & 3

3.5) FRIDAY NIGHTS/SATURDAYS MORNINGS

Cockfosters Station to Trafalgar Square, Whitehall		Trafalgar Square, Northumberland Avenue to Cockfosters Station	
First departure no later than 2335.		First departure no later than 0020.	
2330 - 0405	Every 15 minutes	0015 - 0420	Every 15 minutes
0406 - 0450	Every 20 minutes	0421 - 0525	Every 20 minutes
Last departure no earlier than 0445.		Last departure no earlier than 0520.	

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

SATURDAYS NIGHTS/SUNDAYS MORNINGS

Cockfosters Station to Trafalgar Square, Whitehall		Trafalgar Square, Northumberland Avenue to Cockfosters Station	
First departure no later than 2335.		First departure no later than 0020.	
2330 - 0405	Every 15 minutes	0015 - 0420	Every 15 minutes
0406 - 0630	Every 20 minutes	0421 - 0645	Every 20 minutes
Last departure no earlier than 0625.		Last departure no earlier than 0640.	

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

ROUTE NO. N91 - OPTION 1A, 2A & 3A

3.6) FRIDAY NIGHTS/SATURDAYS MORNINGS

Cockfosters Station to Trafalgar Square, Whitehall		Trafalgar Square, Northumberland Avenue to Cockfosters Station	
First departure no later than 2335.		First departure no later than 0020.	
2330 - 0405	Every 30 minutes	0015 - 0420	Every 30 minutes
0406 - 0450	Every 20 minutes	0421 - 0525	Every 20 minutes
Last departure no earlier than 0445.		Last departure no earlier than 0520.	

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

SATURDAYS NIGHTS/SUNDAYS MORNINGS

Cockfosters Station to Trafalgar Square, Whitehall		Trafalgar Square, Northumberland Avenue to Cockfosters Station	
First departure no later than 2335.		First departure no later than 0020.	
2330 - 0405	Every 30 minutes	0015 - 0420	Every 30 minutes
0406 - 0630	Every 20 minutes	0421 - 0645	Every 20 minutes
Last departure no earlier than 0625.		Last departure no earlier than 0640.	

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

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. 91 should interwork with Route No. N91 to form a seamless 24 hour service.
- 4.2) Route No. 91 should interwork where possible, with Route No. 259 between Holloway Caledonian Road/Nag's Head, Parkhurst Road and King's Cross Station Caledonian Road/York Way during all periods.
- 4.3) Route Nos. 91 & N91 can suffer from unpredictable traffic delays in the Holloway and King's Cross areas.
- 4.4) Football matches at Arsenal Football Club can also cause traffic congestion in the Holloway area.
- 4.5) 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 services expected to commence in 2018. The construction impacts of Crossrail could affect Route Nos. 91 & N91 and it is anticipated that some passenger demand for Route Nos. 91 & N91 may shift to this line when it opens. Route Nos. 91 & N91 will be reviewed closer to the opening date.
- 4.6) The tube upgrade programme could affect demand on this route so therefore changes to the route could occur during the lifetime of the contract likely to be in 2018/2019.
- 4.7) There are proposals for 2 way working in Aldwych incorporating a contraflow bus lane and pedestrian improvements in the area including streetscape.
- 4.8) A re-timing of the signal phases to increase green time allocation on all approaches to Trafalgar Square has assisted bus movement through the area. A further review will be done on the approach into the Strand to improve bus and general traffic movement. There are also proposals to provide a layby on the westbound carriageway of the Strand near to the Trafalgar Square junction which should improve traffic flow through the junction.

**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 91: Crouch End, Tottenham Lane - Trafalgar Square

Date of Structural Change: 6 February 2016.

Date of Service Change: 6 February 2016.

Reason for Issue: New tender.

STREETS TRAVERSED

Towards Trafalgar Square: Tottenham Lane, The Broadway, Crouch End Hill, Hornsey Rise, Hornsey Road, Tollington Road, Camden Road, Caledonian Road, King's Cross Bridge, Gray's Inn Road, Euston Road, Upper Woburn Place, Tavistock Square, Woburn Place, Russell Square, Southampton Row, Kingsway, Aldwych, Strand, Charing Cross, Whitehall.

Towards Crouch End, Tottenham Lane: Northumberland Avenue, Charing Cross, Trafalgar Square (South Side), Strand, Aldwych, Kingsway, Southampton Row, Russell Square, Woburn Place, Tavistock Square, Upper Woburn Place, Euston Square, Euston Bus Station, Grafton Place, Churchway, Euston Road, York Way, Wharfdale Road, Caledonian Road, Hillmarton Road, Parkhurst Road, Seven Sisters Road, Hornsey Road, Hornsey Rise, Crouch End Hill, The Broadway, Tottenham Lane.

AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

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

CROUCH END, TOTTENHAM LANE, Y M C A

Public stand for four buses outside YMCA building on north side of Tottenham Lane commencing 13 metres west of junction with Elmfield Avenue and extending 45 metres west.

Buses proceed from Tottenham Lane direct to stand, departing to Tottenham Lane (circling roundabout at junction with Ferme Park Road). Set down in Tottenham Lane, at Stop Z1 (70227 - Rosebery Gardens, Last Stop on LOR: 70227 - Rosebery Gardens) and pick up in Tottenham Lane, at Stop W (16081 - Tottenham Lane Y M C A, First Stop on LOR: 16081 - Tottenham Lane Y M C A).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 91 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:	Crouch End.
OTHER INFORMATION:	Toilet facilities available in YMCA building during Mondays to Fridays between 0700 and 2300 and times to be confirmed on Saturdays and Sundays.

HORNSEY RISE, BEAUMONT RISE (from TRAFALGAR SQUARE)

Public stand for two buses on north side of Beaumont Rise extending 22 metres west of rear of bus cage at route 210 bus stop opposite 31/32 Beaumont Rise.

Buses proceed from Hornsey Road via Hornsey Rise, Hazellville Road, Sunnyside Road and Beaumont Rise to stand, departing via Beaumont Rise to Hornsey Rise. Set down in Hornsey Road, at stop N (18079 - Fairbridge Road, Last Stop on LOR: 18079 - Fairbridge Road) and pick up in Hornsey Rise, at stop B (1547 - Hornsey Rise, First Stop on LOR: 1547 - Hornsey Rise).

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:	Hornsey Rise.

HOLLOWAY, CALEDONIAN ROAD, WEST SIDE

Public off side stand for three buses on the north side of Caledonian Road commencing 21 metres north from lamp standard 354 extending 35 metres north.

From Crouch End, Tottenham Lane.

Buses proceed from Caledonian Road direct to stand, departing via Caledonian Road to Hillmarton Road. Set down in Caledonian Road, at Stop V (970 - Caledonian Road / Camden Road, Last Stop on LOR: 970 - Caledonian Road / Camden Road) and pick up in Hillmarton Road, at Stop C (33329 - North Road / Hillmarton Road, First Stop on LOR: 33329 - North Road / Hillmarton Road).

From Trafalgar Square.

Buses proceed from Parkhurst Road via Holloway Road, Camden Road and Caledonian Road to stand, departing to Caledonian Road. Set down in Parkhurst Road, at Stop B (33330 - Parkhurst Road / Holloway Nags Head, Last Stop on LOR: 33330 - Parkhurst Road / Holloway Nags Head) and pick up in Caledonian Road, at Stop V (970 - Caledonian Road / Camden Road, First Stop on LOR: 970 - Caledonian Road / Camden 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:	Holloway, Nag's Head.

KING'S CROSS, YORK WAY

Public stand for 10 buses on west side of York Way commencing opposite and 31 metres south of Wharfdale Road extending 112 metres south.

From Crouch End, Tottenham Lane.

Buses proceed from Caledonian Road via King's Cross Bridge, Gray's Inn Road and York Way to stand, departing via York Way to Wharfdale Road. Set down in Caledonian Road, at Stop H (2780 - King's Cross Station <> # / Pentonville Rd, Last Stop on LOR: 2780 - King's Cross Station <> # / Pentonville Rd) and pick up in Wharfdale Road, at Stop J (BP1998 - Wharfdale Road / London Canal Museum, First Stop on LOR: BP1998 - Wharfdale Road / London Canal Museum).

From Trafalgar Square.

Buses proceed from York Way direct to stand, departing via York Way and Wharfdale Road to Caledonian Road. Set down in York Way, at Stop G (18866 - King's Cross Station <> # / York Way, Last Stop on LOR: 18866 - King's Cross Station <> # / York Way) and pick up in Caledonian Road, at Stop H (2780 - King's Cross Station <> # / Pentonville Rd, First Stop on LOR: 2780 - King's Cross Station <> # / Pentonville Rd).

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:	King's Cross.

EUSTON BUS STATION, SOUTH STAND

Private stand for three buses on south side of centre lane in Euston Bus Station.

From Crouch End, Tottenham Lane.

Buses proceed from Euston Road via Churchway, Grafton Place and Euston Bus Station to stand, departing to Euston Bus Station. Set down in Euston Road, at stop B (27622 - British Library, Last Stop on LOR: 27622 - British Library) and pick up in Euston Bus Station, at stop C (36512 - Euston Station <>#, First Stop on LOR: 36512 - Euston Station <>#).

From Trafalgar Square.

Buses proceed from Euston Bus Station direct to stand, departing via Euston Bus Station and Euston Square to Upper Woburn Place. Set down in Euston Bus Station, at Alighting Point (BP4522 - Euston Bus Station # <>, Last Stop on LOR: R0739 - Upper Woburn Place / Euston Road) and pick up in Upper Woburn Place, at stop M (750 - Upper Woburn Place, First Stop on LOR: 750 - Upper Woburn Place).

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:	Euston.

RUSSELL SQUARE, SOUTH SIDE (from Crouch End, Tottenham Lane)

Public stand for one bus on south side of Russell Square, commencing 8 metres west of the western kerbline of Bedford Place and extending 12 metres west, at bus stop BP1388 Point D.

Buses proceed from Woburn Place via Russell Square (South Side) to stand, departing via Russell Square to Woburn Place. Set down in Woburn Place, at Stop J (8438 - Russell Square <>, Last Stop on LOR: 8438 - Russell Square <>) and pick up in Woburn Place, at Stop H (BP5646 - Russell Square Station <>, First Stop on LOR: BP5646 - Russell Square 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:	Russell Square.

ALDWYCH, EAST ARM (from Crouch End, Tottenham Lane)

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 Aldwych and 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 Kingsway, at Stop F (36599 - Aldwych / Kingsway, First Stop on LOR: 36599 - Aldwych / Kingsway).

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, CHARING CROSS STATION (from Crouch End, Tottenham Lane)

Buses proceed from Strand via Charing Cross and Trafalgar Square (South Side) departing to Strand. Set down in Strand, at stop K (146 - Trafalgar Square / Charing Cross Stn <>#, Last Stop on LOR: 146 - Trafalgar Square / Charing Cross Stn <>#) and pick up in Strand, at stop F (BP3506 - Trafalgar Square / Charing Cross Stn <>#, First Stop on LOR: BP3506 - Trafalgar Square / Charing Cross Stn <>#).

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

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 Whitehall via Whitehall Place and Northumberland Avenue to stand, departing to Northumberland Avenue. Set down in Whitehall, at Stop N (152 - Whitehall / Trafalgar Square, Last Stop on LOR: 152 - Whitehall / Trafalgar Square) and pick up in Northumberland Avenue, at Stop X (37639 - Northumberland Avenue / Trafalgar Square, First Stop on LOR: 37639 - Northumberland Avenue / Trafalgar Square).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 91 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.
OTHER INFORMATION:	National Rail toilet facilities available Mon-Sat 0430-0050; Sundays 0630 -0050.

LONDON BUSES - ROUTE DESCRIPTION

ROUTE N91: Cockfosters Station - Trafalgar Square

Date of Structural Change: 6 February 2016.

Date of Service Change: 6 February 2016.

Reason for Issue: New tender.

STREETS TRAVERSED

Towards Trafalgar Square: Cockfosters Road, Bramley Road, Oakwood Station Forecourt, Chase Road, Southgate Circus, Station Parade, Southgate High Street, The Green, Cannon Hill, Powys Lane, Wilmer Way, Bowes Road, Betstyle Circus, Friern Barnet Road, Station Road, Bounds Green Road, Wood Green High Road, Green Lanes, Turnpike Lane, Tottenham Lane, The Broadway, Crouch End Hill, Hornsey Rise, Hornsey Road, Tollington Road, Camden Road, Caledonian Road, King's Cross Bridge, Gray's Inn Road, Euston Road, Upper Woburn Place, Tavistock Square, Woburn Place, Russell Square, Southampton Row, Kingsway, Aldwych, Strand, Charing Cross, Whitehall.

Towards Cockfosters Station: Northumberland Avenue, Charing Cross, Trafalgar Square (South Side), Strand, Aldwych, Kingsway, Southampton Row, Russell Square, Woburn Place, Tavistock Square, Upper Woburn Place, Euston Square, Euston Bus Station, Grafton Place, Churchway, Euston Road, York Way, Wharfdale Road, Caledonian Road, Hillmarton Road, Parkhurst Road, Seven Sisters Road, Hornsey Road, Hornsey Rise, Crouch End Hill, The Broadway, Tottenham Lane, Church Lane, Hornsey High Street, Turnpike Lane, Wood Green High Road, Bounds Green Road, Station Road, Friern Barnet Road, Betstyle Circus, Bowes Road, Arnos Grove Station Forecourt, Bowes Road, Wilmer Way, Powys Lane, Cannon Hill, The Green, Southgate High Street, Station Parade, Chase Side, Southgate Circus, Winchmore Hill Road, Chase Road, Bramley Road, Oakwood Station Forecourt, Chase Road, Bramley Road, Cockfosters Road, Cockfosters Station Lay-By.

AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

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

COCKFOSTERS STATION

Private stand for up to 3 buses in lay-by on west side of Cockfosters Road outside Cockfosters Station.

Buses proceed from Cockfosters Station Lay-By direct to stand, departing via Cockfosters Station Lay-By to Cockfosters Road. Set down in Cockfosters Station Lay-by, at Alighting Point (BP1317 - Cockfosters Station <>, Last Stop on LOR: BP1317 - Cockfosters Station <>) and pick up in Cockfosters Road, at Stop B (17763 - Cockfosters Station <>, First Stop on LOR: 17763 - Cockfosters Station <>).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route N91 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:	Cockfosters.
OTHER INFORMATION:	LUL toilet facilities available 0500-1130 M-F & Sat: and to be confirmed on Sundays.

OAKWOOD STATION (from TRAFALGAR SQUARE)

Private stand for 1 bus on Oakwood Station Forecourt on south side of Bramley Road commencing outside No. 121 Station Parade and extending 11 metres north.

Buses proceed from Oakwood Station Forecourt direct to stand, departing to Oakwood Station Forecourt. Set down in Oakwood Station Forecourt, at Stop A (16786 - Oakwood Station <>, Last Stop on LOR: 16786 - Oakwood Station <>) and pick up in Oakwood Station Forecourt, at Stop A (16786 - Oakwood Station <>, First Stop on LOR: 16786 - Oakwood 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:	Oakwood.

SOUTHGATE STATION [EAST SIDE] (from TRAFALGAR SQUARE)

Private stand for two buses on routes W6 and W9 on east side of Station Parade, commencing at a point 26 metres south of Chase Side.

Buses proceed from Station Parade direct to stand, departing via Station Parade, Southgate Circus and Chase Side to Station Parade. Set down in Station Parade, at Stop F (995 - Southgate Station <>, Last Stop on LOR: 995 - Southgate Station <>) and pick up in Station Parade, at Stop C (35836 - Southgate Station <>, First Stop on LOR: 35836 - Southgate 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:	Southgate.

ARNOS GROVE STATION (from TRAFALGAR SQUARE)

Private offside stand for 3 buses on Arnos Grove Station forecourt on north side of Bowes Road commencing 22 metres west of lamp standard No. 16 and extending 31.5 metres west.

Buses proceed from Arnos Grove Station Forecourt direct to stand, departing via Arnos Grove Station Forecourt to Bowes Road. Set down in Arnos Grove Station Forecourt, at Stop T (15425 - Arnos Grove Station <>, Last Stop on LOR: 15425 - Arnos Grove Station <>) and pick up in Bowes Road, at Stop C (BP4848 - Ravenscraig Road, First Stop on LOR: BP4848 - Ravenscraig 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:	Arnos Grove.

TURNPIKE LANE STATION

Private stand for 10 buses in marked bays in Turnpike Lane Bus Station on east side of Green Lanes.

From Cockfosters Station.

Buses proceed from Wood Green High Road via Green Lanes, Carlingford Road and Turnpike Lane Bus Station to stand, departing via Turnpike Lane Bus Station and Green Lanes to Wood Green High Road. Set down in Wood Green High Road, at Stop MA (70351 - Coleraine Road, Last Stop on LOR: 70351 - Coleraine Road) and pick up in Wood Green High Road, at Stop L (9984 - Brampton Park Road, First Stop on LOR: 9984 - Brampton Park Road).

From Trafalgar Square.

Buses proceed from Turnpike Lane via Green Lanes, Carlingford Road and Turnpike Lane Bus Station to stand, departing via Turnpike Lane Bus Station and Green Lanes to Turnpike Lane. Set down in Turnpike Lane, at Stop N (1662 - Wood Green High Road, Last Stop on LOR: 1662 - Wood Green High Road) and pick up in Turnpike Lane, at Stop Q (1663 - Wood Green High Road, First Stop on LOR: 1663 - Wood Green High 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:	Turnpike Lane Station.

CROUCH END, TOTTENHAM LANE, Y M C A (from TRAFALGAR SQUARE)

Public stand for four buses outside YMCA building on north side of Tottenham Lane commencing 13 metres west of junction with Elmfield Avenue and extending 45 metres west.

Buses proceed from Tottenham Lane direct to stand, departing to Tottenham Lane (circling roundabout at junction with Ferme Park Road). Set down in Tottenham Lane, at Stop CA (14358 - Crouch End Broadway, Last Stop on LOR: 14358 - Crouch End Broadway) and pick up in Tottenham Lane, at Stop W (16081 - Tottenham Lane Y M C A, First Stop on LOR: 16081 - Tottenham Lane Y M C A).

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:	Crouch End.

HOLLOWAY, CALEDONIAN ROAD, WEST SIDE (from Cockfosters Station)

Public off side stand for three buses on the north side of Caledonian Road commencing 21 metres north from lamp standard 354 extending 35 metres north.

Buses proceed from Caledonian Road direct to stand, departing via Caledonian Road to Hillmarton Road. Set down in Caledonian Road, at Stop V (970 - Caledonian Road / Camden Road, Last Stop on LOR: 970 - Caledonian Road / Camden Road) and pick up in Hillmarton Road, at Stop C (33329 - North Road / Hillmarton Road, First Stop on LOR: 33329 - North Road / Hillmarton 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:	Holloway, Nag's Head.

RUSSELL SQUARE, SOUTH SIDE (from Cockfosters Station)

Public stand for one bus on south side of Russell Square, commencing 8 metres west of the western kerbline of Bedford Place and extending 12 metres west, at bus stop BP1388 Point D.

Buses proceed from Woburn Place via Russell Square (South Side) to stand, departing via Russell Square (West And North Sides) to Woburn Place. Set down in Woburn Place, at Stop J (8438 - Russell Square <>, Last Stop on LOR: 8438 - Russell Square <>) and pick up in Woburn Place, at Stop H (BP5646 - Russell Square Station <>, First Stop on LOR: BP5646 - Russell Square 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:	Russell Square.

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.

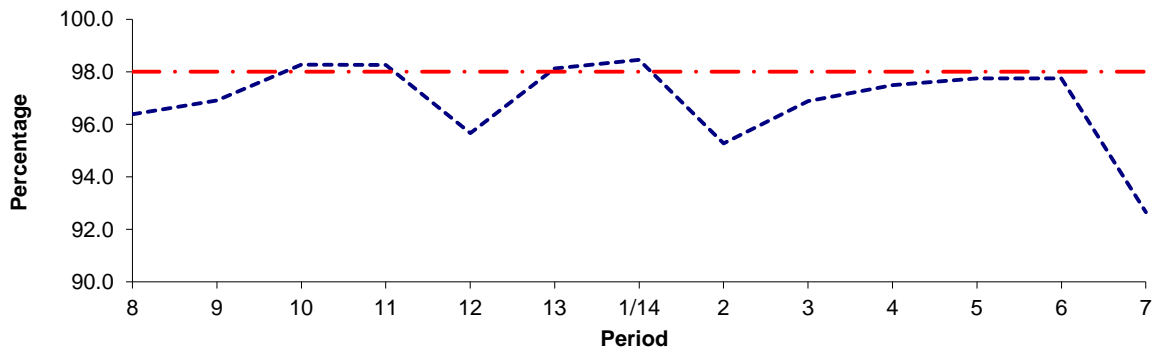
Buses proceed from Whitehall via Whitehall Place and Northumberland Avenue to stand, departing to Northumberland Avenue. Set down in Whitehall, at Alighting Point N (152 - Whitehall / Trafalgar Square, Last Stop on LOR: 152 - Whitehall / Trafalgar Square) and pick up in Northumberland Avenue, at Stop X (37639 - Northumberland Avenue / Trafalgar Square, First Stop on LOR: 37639 - Northumberland Avenue / Trafalgar Square).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 1 bus on Route N91 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.
OTHER INFORMATION:	National Rail toilet facilities available Mon-Sat 0430-0050; Sundays 0630 -0050..

PART B - PERFORMANCE STATISTICS

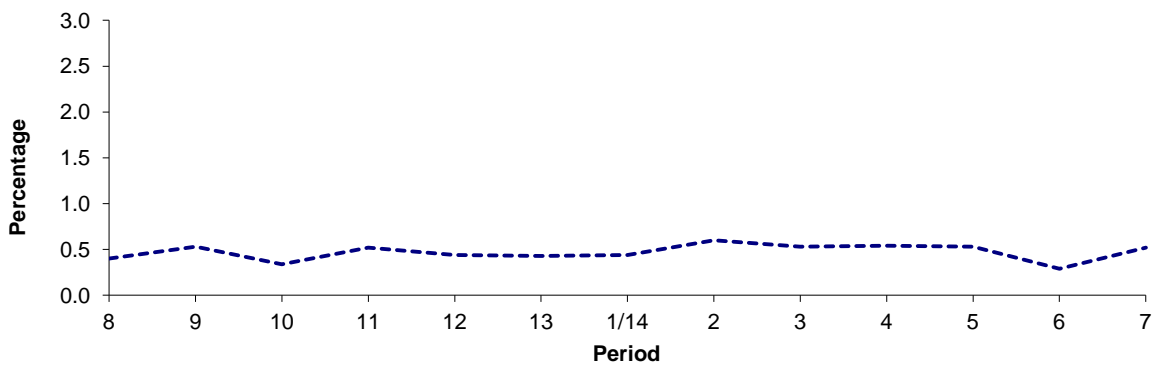
Route 91

Mileage Operated



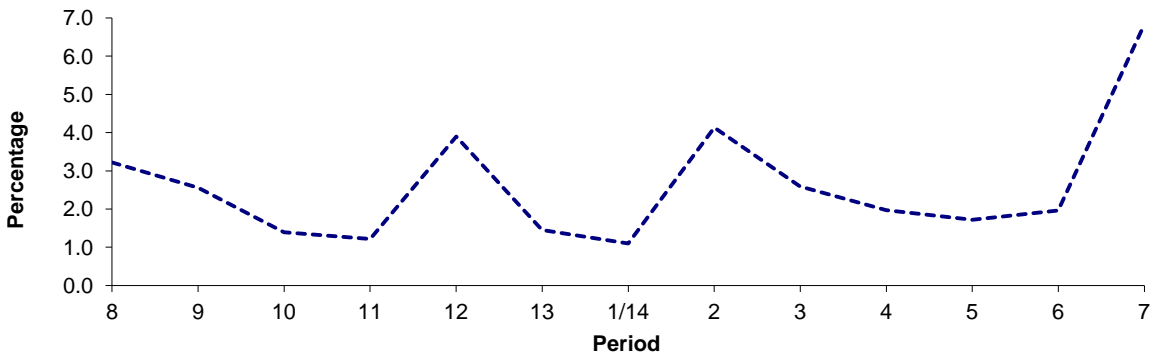
Period	8	9	10	11	12	13	1/14	2	3	4	5	6	7
2013/2014	96.38	96.91	98.27	98.26	95.66	98.12	98.46	95.27	96.88	97.49	97.75	97.75	92.65
Min Standard	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00

Deductible Mileage



Period	8	9	10	11	12	13	1/14	2	3	4	5	6	7
2013/2014	0.40	0.53	0.34	0.52	0.44	0.43	0.44	0.60	0.53	0.54	0.53	0.29	0.52

Non Deductible Mileage

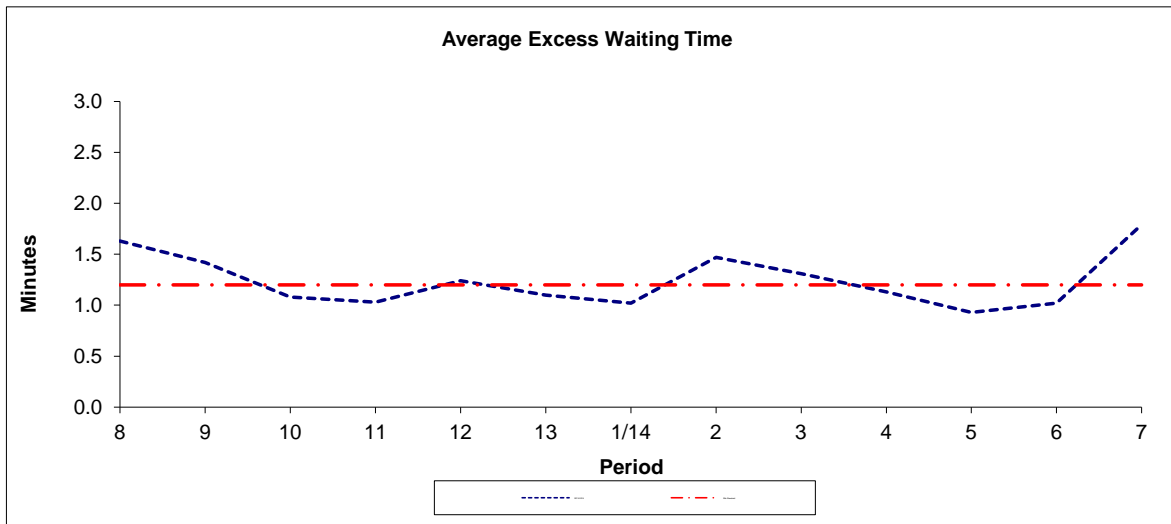


Period	8	9	10	11	12	13	1/14	2	3	4	5	6	7
2013/2014	3.22	2.56	1.39	1.22	3.90	1.45	1.10	4.13	2.59	1.97	1.72	1.96	6.83

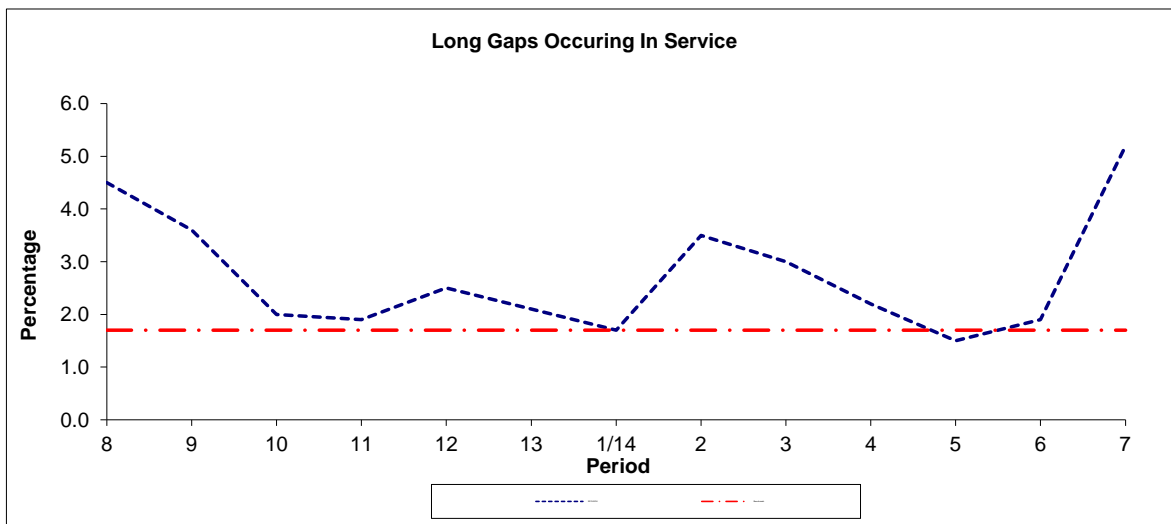
Note : Mileage is based on 4 weeks data

PART B - PERFORMANCE STATISTICS

Route 91



Period	8	9	10	11	12	13	1/14	2	3	4	5	6	7
2013-2014	1.63	1.42	1.08	1.03	1.24	1.10	1.02	1.47	1.31	1.13	0.93	1.02	1.79
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



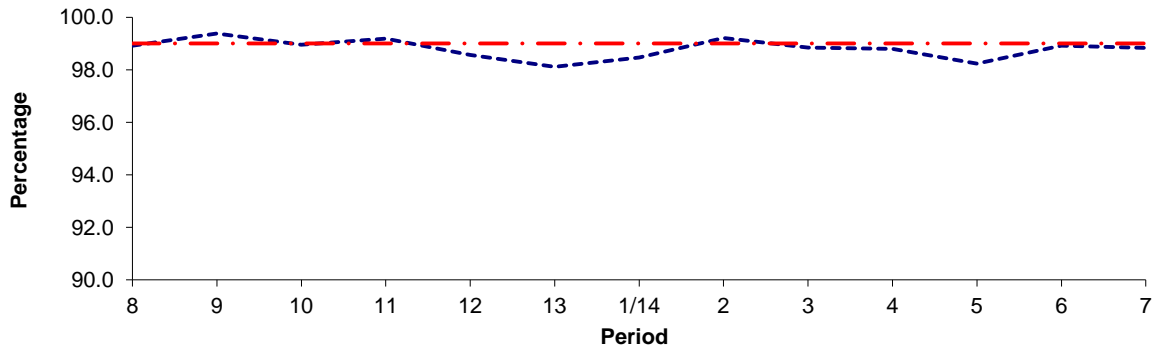
Period	8	9	10	11	12	13	1/14	2	3	4	5	6	7
2013-2014	4.5	3.6	2.0	1.9	2.5	2.1	1.7	3.5	3.0	2.2	1.5	1.9	5.2
Benchmark	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7

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

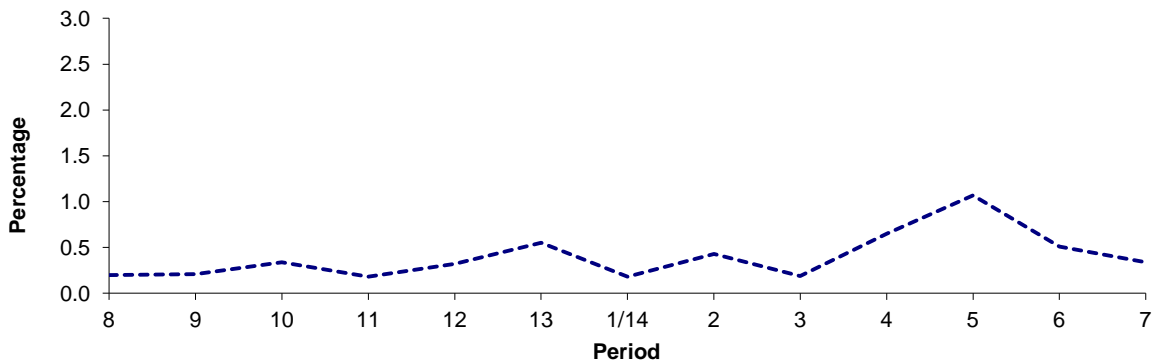
Route N91

Mileage Operated



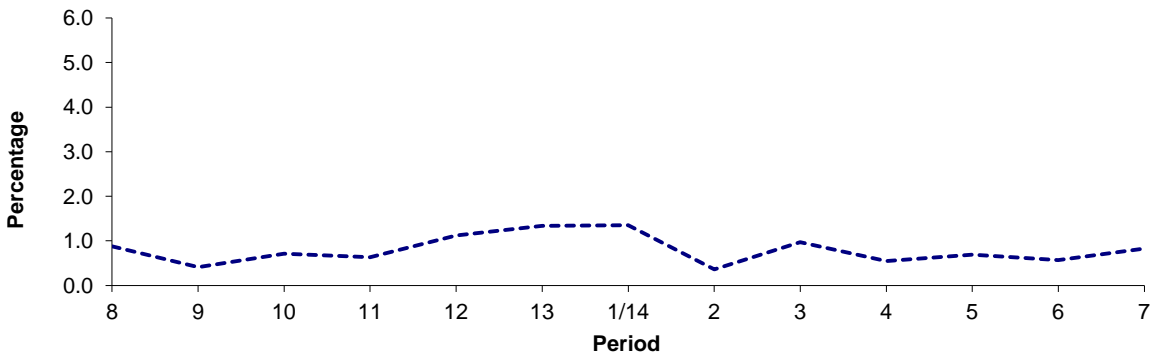
Period	8	9	10	11	12	13	1/14	2	3	4	5	6	7
2013/2014	98.92	99.38	98.95	99.19	98.56	98.11	98.47	99.21	98.84	98.80	98.24	98.92	98.83
Min Standard	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00

Deductible Mileage



Period	8	9	10	11	12	13	1/14	2	3	4	5	6	7
2013/2014	0.20	0.21	0.34	0.18	0.32	0.55	0.18	0.43	0.19	0.65	1.07	0.51	0.34

Non Deductible Mileage

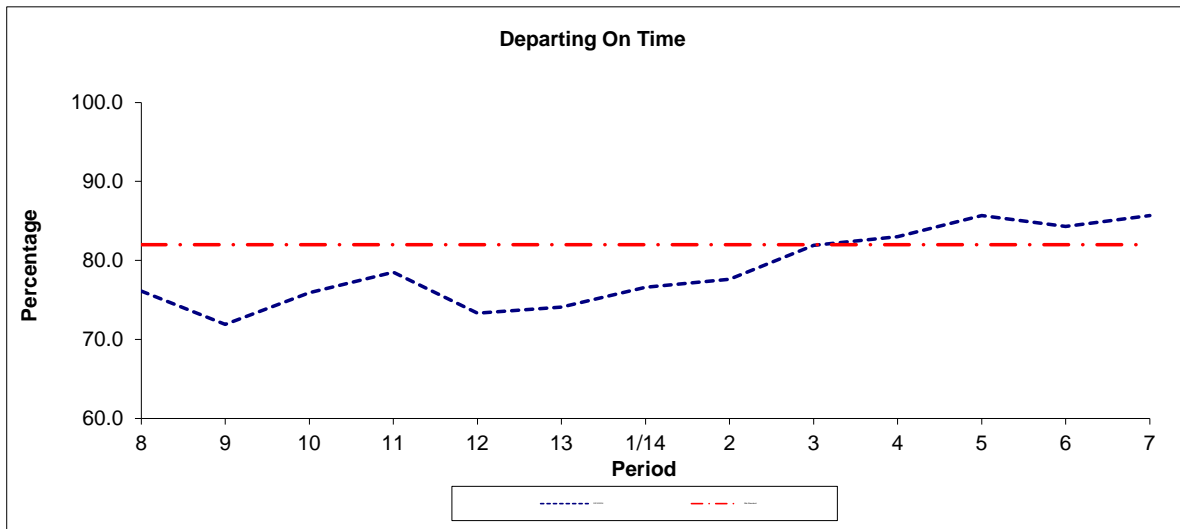


Period	8	9	10	11	12	13	1/14	2	3	4	5	6	7
2013/2014	0.88	0.41	0.71	0.63	1.12	1.34	1.35	0.36	0.97	0.55	0.69	0.57	0.83

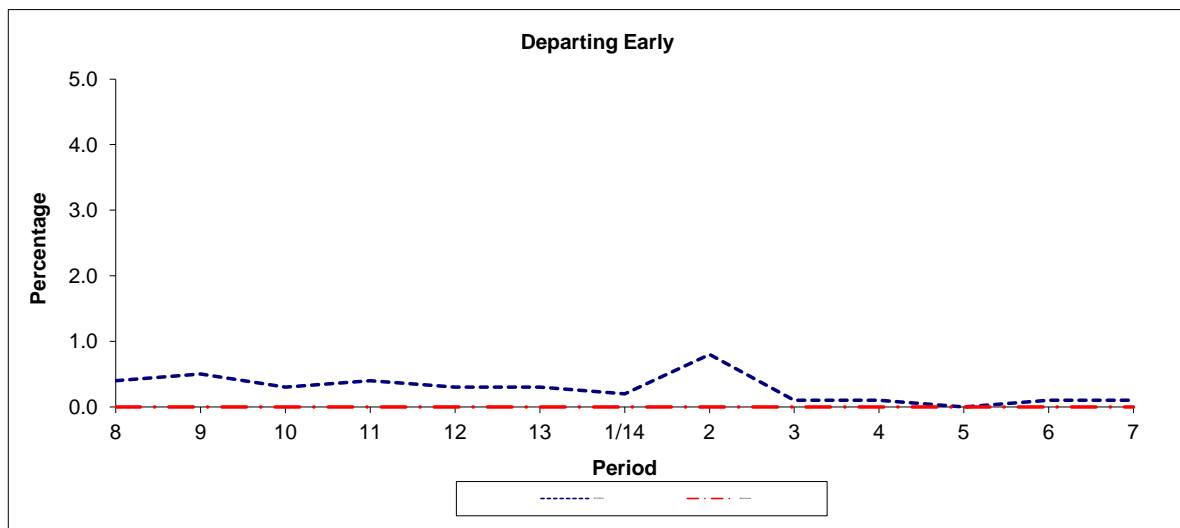
Note : Mileage is based on 4 weeks data

PART B - PERFORMANCE STATISTICS

Route N91



Period	8	9	10	11	12	13	1/14	2	3	4	5	6	7
2013/2014	76.1	71.9	75.9	78.5	73.3	74.1	76.6	77.6	81.9	83.0	85.7	84.3	85.7
Min Standard	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0



Period	8	9	10	11	12	13	1/14	2	3	4	5	6	7
2013/2014	0.4	0.5	0.3	0.4	0.3	0.3	0.2	0.8	0.1	0.1	0.0	0.1	0.1
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 91- FULL iBUS RESULTS BY TIME OF DAY

QUARTER 3 13/14 TO QUARTER 2 14/15 (14/9/13 - 12/09/14)

MONDAY - FRIDAY

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (mins)	Actual Waiting Time (AWT) (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
0500 - 0700	29,066.	98.8	5.52	0.38	5.91	87.6	11.8	0.5	0.0	0.1	32
0700 - 1000	87,621.	97.3	3.56	0.93	4.49	92.2	7.5	0.3	0.0	1.9	33
1000 - 1300	81,333.	95.4	3.75	1.27	5.02	88.2	11.0	0.7	0.1	3.1	50
1300 - 1600	80,072.	95.8	3.77	1.46	5.23	86.8	12.1	1.0	0.1	3.7	49
1600 - 1900	84,227.	96.5	3.64	1.47	5.11	87.5	11.6	0.8	0.1	3.8	55
1900 - 2200	71,647.	99.0	4.18	1.35	5.53	84.6	14.1	1.1	0.1	3.0	55
2200 - 2400	38,550.	99.7	5.00	1.50	6.50	78.9	19.0	1.9	0.2	2.1	65
Summary	472,516.	97.1	3.85	1.28	5.13	87.7	11.4	0.8	0.1	3.0	65

SATURDAY

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (mins)	Actual Waiting Time (AWT) (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
0500 - 0700	5,212.	97.8	6.44	0.50	6.94	78.8	20.2	1.0	0.0	0.2	32
0700 - 1000	12,212.	99.7	5.29	0.77	6.06	83.2	16.0	0.7	0.1	0.4	53
1000 - 1300	17,012.	98.0	3.79	0.89	4.68	91.8	8.0	0.2	0.0	1.3	30
1300 - 1600	16,840.	97.9	3.77	1.10	4.87	89.9	9.6	0.5	0.1	2.2	51
1600 - 1900	16,663.	98.5	3.84	1.28	5.12	87.4	11.9	0.7	0.0	2.7	57
1900 - 2200	13,686.	96.2	4.72	1.53	6.26	79.6	18.1	2.0	0.3	3.0	52
2200 - 2400	8,616.	96.6	5.00	1.89	6.89	75.4	21.5	2.9	0.2	3.1	49
Summary	90,241.	97.9	4.22	1.12	5.34	86.8	12.3	0.8	0.1	2.0	57

SUNDAY AND BANK HOLIDAYS

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (mins)	Actual Waiting Time (AWT) (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
0500 - 0700	1,202.	98.8	9.80	0.40	10.20	64.1	30.0	5.4	0.5	0.8	35
0700 - 1000	11,561.	99.1	6.00	0.60	6.60	79.4	19.9	0.7	0.0	0.1	43
1000 - 1300	13,664.	98.4	5.08	0.74	5.82	84.6	15.0	0.5	0.0	0.5	38
1300 - 1600	14,016.	97.6	4.97	1.17	6.13	81.3	17.2	1.4	0.1	1.5	54
1600 - 1900	14,115.	99.0	4.97	1.30	6.27	80.5	17.6	1.6	0.3	1.9	44
1900 - 2200	14,593.	97.7	4.89	1.18	6.07	82.4	16.3	1.1	0.3	1.5	74
2200 - 2400	9,026.	99.5	5.09	1.20	6.29	79.9	17.9	1.7	0.5	2.0	57
Summary	78,177.	98.5	5.14	1.05	6.20	81.5	17.1	1.2	0.2	1.3	74

ALL DAYS

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (mins)	Actual Waiting Time (AWT) (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
0500 - 0700	35,480.	98.7	5.80	0.40	6.20	85.7	13.5	0.8	0.0	0.2	35
0700 - 1000	111,394.	97.7	3.83	0.90	4.73	90.8	8.9	0.3	0.0	1.7	53
1000 - 1300	112,009.	96.2	3.91	1.15	5.06	88.4	10.9	0.6	0.1	2.5	50
1300 - 1600	110,928.	96.3	3.89	1.38	5.27	86.7	12.3	1.0	0.1	3.2	54
1600 - 1900	115,005.	97.1	3.79	1.43	5.22	86.9	12.2	0.9	0.1	3.5	57
1900 - 2200	99,926.	98.4	4.33	1.35	5.68	83.7	14.9	1.2	0.2	2.8	74
2200 - 2400	56,192.	99.2	5.01	1.51	6.52	78.6	19.2	2.0	0.3	2.3	65
Summary	640,934.	97.4	4.01	1.24	5.25	87.0	12.0	0.8	0.1	2.7	74

ROUTE N91 - FULL iBUS RESULTS BY TIME OF DAY
QUARTER 3 13/14 TO QUARTER 2 14/15 (14/9/13 - 12/09/14)

MONDAY - FRIDAY

Time Period	Expected Buses	On AVL (%)	Linked (%)	Departing On Time (%)	Non Arrival / Not Linked (%)	Departing 8 - 2.5 mins Early (%)	Departing 5 - 15 mins Late (%)
0000 - 0500	51,984.	98.6	98.3	84.2	2.1	0.1	13.7
Summary	51,984.	98.6	98.3	84.2	2.1	0.1	13.7

SATURDAY

Time Period	Expected Buses	On AVL (%)	Linked (%)	Departing On Time (%)	Non Arrival / Not Linked (%)	Departing 8 - 2.5 mins Early (%)	Departing 5 - 15 mins Late (%)
0000 - 0500	20,211.	97.7	94.8	73.5	5.2	0.7	20.7
Summary	20,211.	97.7	94.8	73.5	5.2	0.7	20.7

SUNDAY AND BANK HOLIDAYS

Time Period	Expected Buses	On AVL (%)	Linked (%)	Departing On Time (%)	Non Arrival / Not Linked (%)	Departing 8 - 2.5 mins Early (%)	Departing 5 - 15 mins Late (%)
0000 - 0500	20,721.	97.5	93.4	68.2	6.2	0.6	25.0
Summary	20,721.	97.5	93.4	68.2	6.2	0.6	25.0

ALL DAYS

Time Period	Expected Buses	On AVL (%)	Linked (%)	Departing On Time (%)	Non Arrival / Not Linked (%)	Departing 8 - 2.5 mins Early (%)	Departing 5 - 15 mins Late (%)
0000 - 0500	92,916.	98.1	96.4	77.9	3.8	0.3	18.0
Summary	92,916.	98.1	96.4	77.9	3.8	0.3	18.0

Transport for London - QSI Points and Live Mileage List

v2.0 - Mileage directly imported from Caesar

Route 91
Service change 26078
Date 06/07/2011
QSI Points are highlighted.

TRANCHE 502	
Reason for Issue	Mileage Update

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
CROUTY	16081	Tottenham Lane Ymca		
	26544	Crouch End Broadway / Park Road	355	0.22
	26545	Edison Road	331	0.21
	16079	Hornsey Lane	379	0.24
HSYRBR	1547	Hornsey Rise / Shaftesbury Road	502	0.31
	1549	Hanley Road	350	0.22
	18081	Tollington Park	397	0.25
	18082	Seven Sisters Road	501	0.31
	33331	Tollington Road / Sobell Centre	321	0.20
	33322	Holloway Road	334	0.21
HOLLCR	970	Caledonian Road / Camden Road	188	0.12
	9845	Freegrove Road	296	0.18
	9843	Hillmarton Road	232	0.14
CALRSN	9841	Caledonian Road Station	274	0.17
	9839	H M Prison Pentonville	306	0.19
CALRBS	9836	aledonian Road And Barnsbury Stati	391	0.24
	9834	Story Street	215	0.13
	9830	aledonian Road / Copenhagen Stree	294	0.18
	26885	Carnegie Street	171	0.11
	9826	Killick Street	243	0.15
KGSXCR	2780	King's Cross Stn / Pentonville Road	330	0.21
	183	King's Cross Station	180	0.11
	14736	St Pancras International Station	268	0.17
	27622	British Library	263	0.16
EUSTSP	750	Upper Woburn Place	256	0.16
	1103	Tavistock Square	241	0.15
	8438	Russell Square	228	0.14
	8437	Southampton Row	321	0.20
	25599	Theobald's Road	201	0.12
	26425	Holborn Station	365	0.23
	29984	ldwych / The Royal Courts Of Justic	504	0.31
AWCHSM	34323	Aldwych / Somerset House	247	0.15
	14627	Savoy Street	314	0.20
	7852	Bedford Street	238	0.15
	146	Trafalgar Square / Charing Cross Str	273	0.17
TFSQWH	152	Whitehall / Trafalgar Square	240	0.15
TOTAL ROUTE MILEAGE - OUT DIRECTION			10549 metres	6.55 miles

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
TFSQNA	37639	Trafalgar Square		
	BP3506	Trafalgar Square / Charing Cross Stn	286	0.18
	7853	Southampton Street	369	0.23
AWCHWA	36599	Aldwych	437	0.27
HOLBSN	20908	Holborn Station	464	0.29
	477	Theobald's Road	342	0.21
	BP5646	Russell Square Station		
	29055	Tavistock Square		
	R0739	Upper Woburn Place / Euston Road	238	0.15
EUSTSN	36512	Euston Station	301	0.19
	8330	British Library	491	0.31
	BP4922	St Pancras International Station	185	0.11
KGSXYW	18866	King's Cross Stn / York Way	264	0.16
	BP1998	Wharfedale Road / London Canal Museum	293	0.18
	9827	Caledonian Road / Killick Street	253	0.16
	9829	Carnegie Street	275	0.17
	9831	Caledonian Road / Copenhagen Street	172	0.11
	9833	Story Street	286	0.18
CALRBS	7735	Caledonian Road And Barnsbury Station	281	0.17
	9840	H M Prison Pentonville	365	0.23
	9842	Caledonian Road Station	294	0.18
	33329	North Road / Hillmarton Road	198	0.12
	33328	Freegrove Road	183	0.11
	33327	Camden Road / H M Prison Holloway	238	0.15
	1289	Chambers Road	259	0.16
HOLLPR	33330	Parkhurst Road / Holloway Nags Head	270	0.17
	315	Seven Sisters Road / Nags Head	233	0.14
	1291	Hornsey Road	212	0.13
	14879	Tollington Park	437	0.27
	18080	Bavaria Road	339	0.21
	18079	Fairbridge Road	356	0.22
HSYRBR	1546	Hornsey Rise	396	0.25
	16080	Hornsey Lane	467	0.29
	14356	Edison Road	325	0.20
CROUTL	14358	Crouch End Broadway	311	0.19
CROUTY	70227	Rosebery Gardens	243	0.15
TOTAL ROUTE MILEAGE - BACK DIRECTION			10859 metres	6.75 miles

Transport for London - QSI Points and Live Mileage List

v2.0 - Mileage directly imported from Caesar

Route N91
Service change 26080
Date 20/09/2011
QSI Points are highlighted.

Reason for Issue	Mileage Update

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
CKFRSN	17763	Cockfosters Station		
	17765	Freston Gardens	506	0.31
	20882	Cockfosters Road	325	0.20
	16785	Peace Close	434	0.27
OAKWSN	16786	Oakwood Station	571	0.35
	BP4350	Tregenna Close	359	0.22
	27897	Merrivale	306	0.19
	27895	Charter Way	318	0.20
	27893	West Grove Primary School	352	0.22
SGATSN	35836	Southgate Station	680	0.42
	17776	Southgate College	325	0.20
	17778	Meadway	422	0.26
	17780	Ye Olde Cherry Tree	232	0.14
	17781	Forestdale	337	0.21
	BP4847	Arnos Grove Swimming Pool	1066	0.66
ARGVSN	BP4890	Arnos Grove Station	203	0.13
	BP4848	Ravenscraig Road	214	0.13
	15423	Betstyle Circus	247	0.15
	9955	New Southgate Station	434	0.27
	9957	Whitmore Close	181	0.11
	9961	Lower Park Road	247	0.15
	9963	Hobart Corner	166	0.10
	9965	Cline Road	413	0.26
	9969	Warwick Road	188	0.12
BDGNSN	9971	Bounds Green Station	370	0.23
	9973	Palace Road	227	0.14
	9977	Nightingale Road	498	0.31
	9979	Park Avenue	379	0.24
	9981	Haringey Civic Centre	188	0.12
	1488	Wood Green Station	277	0.17
WDGNHR	BP1795	Lordship Lane	135	0.08
	9985	Brampton Park Road	478	0.30
TLSNHR	70351	Coleraine Road	227	0.14
	1663	Wood Green High Road	170	0.11
	14801	Wightman Road	527	0.33
	16085	Hornsey Station	366	0.23
	16083	Hornsey Police Station	403	0.25
CROUTY	16081	Tottenham Lane Ymca	329	0.20
	26544	Crouch End Broadway / Park Road	355	0.22
	26545	Edison Road	331	0.21
	16079	Hornsey Lane	379	0.24
HSYRBR	1547	Hornsey Rise / Shaftesbury Road	502	0.31
	1549	Hanley Road	350	0.22
	18081	Tollington Park	397	0.25
	18082	Seven Sisters Road	501	0.31
	33331	Tollington Road / Sobell Centre	321	0.20
	33322	Holloway Road	334	0.21
HOLLCR	970	Caledonian Road / Camden Road	188	0.12
	9845	Freegrove Road	296	0.18
	9843	Hillmarton Road	232	0.14
CALRSN	9841	Caledonian Road Station	274	0.17
	9839	H M Prison Pentonville	306	0.19
CALRBS	9836	Caledonian Road And Barnsbury Station	391	0.24
	9834	Story Street	215	0.13
	9830	Caledonian Road / Copenhagen Street	294	0.18
	26885	Carnegie Street	171	0.11
	9826	Killick Street	243	0.15
KGSXCR	2780	King's Cross Stn / Pentonville Road	330	0.21
	183	King's Cross Station	180	0.11
	14736	St Pancras International Station	268	0.17
	27622	British Library	263	0.16
EUSTSP	750	Upper Woburn Place	256	0.16
	1103	Tavistock Square	241	0.15
	8438	Russell Square	228	0.14
	8437	Southampton Row	321	0.20
	25599	Theobald's Road	201	0.12
HOLBSN	26425	Holborn Station	365	0.23
	29984	Aldwych / The Royal Courts Of Justice	504	0.31
AWCHSM	34323	Aldwych / Somerset House	247	0.15
	14627	Savoy Street	314	0.20
	7852	Bedford Street	238	0.15
	146	Trafalgar Square / Charing Cross Stn	273	0.17
TFSQWH	152	Whitehall / Trafalgar Square	240	0.15
TOTAL ROUTE MILEAGE - OUT DIRECTION			23649 metres	14.69 miles

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
TFSQNA	37639	Trafalgar Square		
	BP3506	Trafalgar Square / Charing Cross Stn	286	0.18
	7853	Southampton Street	369	0.23
AWCHWA	36599	Aldwych	437	0.27
HOLBSN	20908	Holborn Station	464	0.29
	477	Theobald's Road	342	0.21
	BP5646	Russell Square Station		
	29055	Tavistock Square		
	R0739	Upper Woburn Place / Euston Road	238	0.15
EUSTSN	36512	Euston Station	301	0.19
	8330	British Library	491	0.31
	BP4922	St Pancras International Station	185	0.11
KGSXYW	18866	King's Cross Stn / York Way	264	0.16
	BP1998	Wharfedale Road / London Canal Museum	293	0.18
	9827	Caledonian Road / Killick Street	253	0.16
	9829	Carnegie Street	275	0.17
	9831	Caledonian Road / Copenhagen Street	172	0.11
	9833	Story Street	286	0.18
CALRBS	7735	Caledonian Road And Barnsbury Station	281	0.17
	9840	H M Prison Pentonville	365	0.23
CALRSN	9842	Caledonian Road Station	294	0.18
	33329	North Road / Hillmarton Road	198	0.12
	33328	Freegrove Road	183	0.11
	33327	Camden Road / H M Prison Holloway	238	0.15
	1289	Chambers Road	259	0.16
HOLLPR	33330	Parkhurst Road / Holloway Nags Head	270	0.17
	315	Seven Sisters Road / Nags Head	233	0.14
	1291	Hornsey Road	212	0.13
	14879	Tollington Park	437	0.27
	18080	Bavaria Road	339	0.21
	18079	Fairbridge Road	356	0.22
HSYRBR	1546	Hornsey Rise	396	0.25
	16080	Hornsey Lane	467	0.29
	14356	Edison Road	325	0.20
CROUTL	14358	Crouch End Broadway	311	0.19
	25478	Tottenham Lane Ymca	324	0.20
	16084	Hornsey Police Station	294	0.18
	BP4337	Tottenham Lane	520	0.32
	14802	Wightman Road	204	0.13
	1662	Wood Green High Road	427	0.27
	9984	Brampton Park Road	392	0.24
	9982	Wood Green Shopping City	282	0.18
WDGNHR	BP1794	Wood Green Station	328	0.20
	33760	Wood Green Bus Garage	126	0.08
	9980	Haringey Civic Centre	231	0.14
	10852	Park Avenue	323	0.20
	9976	Nightingale Road	307	0.19
	9972	Palace Road	387	0.24
BDGNSN	9970	Bounds Green Station	295	0.18
	9968	Warwick Road	202	0.13
	9964	Cline Road	434	0.27
	9962	Hobart Corner	341	0.21
	9960	Lower Park Road	200	0.12
	9956	Whitmore Close	239	0.15
	9954	New Southgate Station	168	0.10
	BP113	Betstyle Road	657	0.41
ARGVSN	15425	Arnos Grove Station	276	0.17
	16783	Forestdale	1145	0.71
	17782	Selborne Road	334	0.21
	17779	Ye Olde Cherry Tree	324	0.20
	17777	Meadway	242	0.15
	17775	Southgate College	405	0.25
SGATSN	995	Southgate Station	189	0.12
	27894	West Grove Primary School	599	0.37
	27896	Charter Way	343	0.21
	27898	Merrivale	388	0.24
	BP4349	Tregenna Close	285	0.18
OAKWSN	16786	Oakwood Station	377	0.23
	16784	Peace Close	634	0.39
	33357	Cockfosters Road	367	0.23
	17764	Freston Gardens	518	0.32
CKFRSN	BP1317	Cockfosters Station	397	0.25
TOTAL ROUTE MILEAGE - BACK DIRECTION			24120 metres	14.99 miles