

SECTION 2: PART A

SERVICE SPECIFICATION FOR ROUTE Nos. 149 & N149

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This document should be read in conjunction with the Corporation's Guide for Tenderers (Part A: Explanatory Notes - Service Requirements). Where appropriate, reference is made to the relevant section.

1. TENDERS REQUIRED

This document describes the service for which the Corporation requires Tenders and Tenderers **must** submit a fully compliant bid. In addition, Tenderers **may** wish to draw upon their local knowledge to submit alternative bids which offer improved value for money in meeting passenger needs. These might incorporate, for example, different timings, frequencies, route structures and / or vehicles. The Corporation will welcome such bids and give them careful consideration.

For more information, please refer to Section 2.1 of Part A of the Guide for Tenderers.

2. 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 Nos. 149 & N149.

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

Two frequency options are specified:

Option 1:

- Saturday shopping period frequencies are reduced from every 6 minutes to every 8 minutes.

Option 2:

- Mondays to Fridays interpeak frequencies are increased from every 8 minutes to every 6 minutes.

Options 1 & 2:

- Mondays to Fridays AM & PM peak frequencies are increased from every 6 minutes to every 5 minutes.
- Two peak flow journeys are specified during the Mondays to Fridays AM peak in both directions and during the Mondays to Fridays PM peak ex London Bridge Bus Station, Bay F. Thus, there will be a frequency of every 4-5 minutes (14 buses per hour) during the busiest hour.
- Departures on Route No. N149 are re-timed ex London Bridge Bus Station, Bay F to improve interworking between Route Nos. 149 & N149.
- Double deck, dual door, 87 capacity vehicles are specified, subject to a satisfactory route test.
- The designation Route No. N149 is used for contractual purposes only. This service will be marketed as Route No. 149. This includes all publicity, including destination blind displays.
- **Tenderers must identify the cost of the Nightly element of this service separately.**
- Any significant effects on tender submissions and proposals will be negotiated with shortlisted Tenderers during the evaluation and with the successful Tenderer post award as appropriate.

3. TERMINALS

Route Nos. 149 & N149 will operate between Edmonton Green Bus Station and London Bridge Bus Station, Bay F.

Full details of the route to be followed, the permitted terminal workings and the available stands are shown at Appendix B. Tenderers should particularly note the information relating to the shared usage of stands, the taking of meal reliefs and the use of ferry vehicles.

4. DAYS OF OPERATION

One timetable must be offered for Route Nos. 149 & N149 which will operate as follows:

DAY OF OPERATION	OPTION 1	OPTION 2
Mondays to Fridays	Section 6.1	Section 6.1
Saturdays & Good Friday	Section 6.2	Section 6.2
Sundays	Section 6.3	Section 6.3
Christmas Day	No service	No service
Boxing Day	Section 6.4	Section 6.4
Other Public Holidays	Sunday service	Sunday service
Nightly	Section 6.5	Section 6.5
New Year's Eve night/New Year's Day morning*	Nightly service	Nightly service
Christmas Eve night/Christmas Day morning	No service	No service
Christmas Day night/Boxing Day morning	No service	No service

* The New Year's Eve service level should be regarded as a minimum and any frequency increases and/or diversions will be discussed with the successful Tenderer on an annual basis.

5. VEHICLE TYPE

Please refer to Section 2.5 of Part A of the Guide for Tenderers.

Route No. 149 & N149 is currently approved for vehicles which are a maximum of 18 metres long and 2.55 metres wide. A formal route test will be required for vehicles which exceed these dimensions. This will be arranged with the successful Tenderer.

The service requirement set out in Section 6 assumes that dual door, double deck buses with a minimum capacity of 87 of which approximately 60 should be seated, will be used on this route. Luggage space should also be provided.

Tenderers must submit proposals based on new vehicles. These must be of a low floor design and be accessible to wheelchairs by means of a powered ramp.

Bids for both conventional diesel powered vehicles and diesel-electric hybrid vehicles should be submitted and separate prices for both types are required.

Bids based on a mix of hybrid and conventional vehicles would be welcomed, subject to a minimum of 10 hybrid powered vehicles being offered for this route (full hybrid operation should be offered for routes with a vehicle requirement of less than 10).

Tenderers should refer to the vehicle design (including accessibility) features contained in Schedule II to Annex B of the Framework Agreement and Section 2 Part B of the Master ITT (Version 2 issued June 2005).

Tenderers may also submit bids based on using existing vehicles. Tenderers are asked to specify what refurbishment would be carried out on existing buses and the expected timescale of those works. See Master ITT (Version 2 issued June 2005).

6. FREQUENCIES

The level of service (e.g. every 15 minutes) required by the Corporation is described in terms of the interval between departures. Whilst a completely regular service at the specified frequency should be possible at most times, occasionally a bus may be timetabled to depart up to five minutes earlier or later than the regular time.

Tenderers should note that when the specified frequency changes (e.g. between the peak and midday periods), the scheduled interval between buses should never be greater than that provided by the lower of the two frequencies **AT ANY POINT ON THE ROUTE**.

Tenderers should note that unless otherwise stated **all** journeys should operate between the terminal points defined in each direction.

6.1 Mondays to Fridays (Option 1)

1. Edmonton Green Bus Station to London Bridge Bus Station, Bay F

0355 - 0500	Every 10 minutes
0501 - 0530	Every 8 minutes
0531 - 0605	Every 6 minutes
0606 - 0705	Every 5 minutes
0706 - 0805	Every 4-5 minutes (14 buses per hour)
0806 - 0845	Every 5 minutes
0846 - 0915	Every 6 minutes
0916 - 1335	Every 8 minutes
1336 - 1505	Every 7 minutes
1506 - 1805	Every 5 minutes
1806 - 1835	Every 6 minutes
1836 - 2005	Every 7 minutes
2006 - 2350	Every 8 minutes

First departure from Edmonton Green Bus Station no later than 0400.
Last departure from Edmonton Green Bus Station no earlier than 2345.

Tenderers should ensure that buses are scheduled to be no more than 5 minutes apart at Dalston Junction between 0705 and 0905, no more than 7 minutes apart between 1500 and 1550 and no more than 5 minutes apart between 1551 and 1630.

2. London Bridge Bus Station, Bay F to Edmonton Green Bus Station

0450 - 0555	Every 10 minutes
0556 - 0640	Every 8 minutes
0641 - 0700	Every 6 minutes
0701 - 0800	Every 5 minutes
0801 - 0900	Every 4-5 minutes (14 buses per hour)
0901 - 0930	Every 5 minutes
0931 - 1010	Every 6 minutes
1011 - 1440	Every 8 minutes
1441 - 1545	Every 7 minutes
1546 - 1710	Every 5 minutes
1711 - 1810	Every 4-5 minutes (14 buses per hour)
1811 - 1840	Every 5 minutes
1841 - 1940	Every 6 minutes
1941 - 2105	Every 7 minutes
2106 - 0050	Every 8 minutes

First departure from London Bridge Bus Station, Bay F no later than 0455.
Last departure from London Bridge Bus Station, Bay F no earlier than 0045.

Tenderers should ensure that buses are scheduled to be no more than 6 minutes apart at Seven Sisters Station between 0715 and 0735, no more than 5 minutes apart between 0736 and 0955, no more than 8 minutes apart between 1445 and 1530, no more than 7 minutes apart between 1531 and 1635 and no more than 5 minutes apart between 1800 and 1900.

6.1 Mondays to Fridays (Option 2)

1. Edmonton Green Bus Station to London Bridge Bus Station, Bay F

0355 - 0500	Every 10 minutes
0501 - 0530	Every 8 minutes
0531 - 0605	Every 6 minutes
0606 - 0705	Every 5 minutes
0706 - 0805	Every 4-5 minutes (14 buses per hour)
0806 - 0845	Every 5 minutes
0846 - 1505	Every 6 minutes
1506 - 1805	Every 5 minutes
1806 - 1835	Every 6 minutes
1836 - 2005	Every 7 minutes
2006 - 2350	Every 8 minutes

First departure from Edmonton Green Bus Station no later than 0400.
Last departure from Edmonton Green Bus Station no earlier than 2345.

Tenderers should ensure that buses are scheduled to be no more than 5 minutes apart at Dalston Junction between 0705 and 0905, no more than 6 minutes apart between 1500 and 1550 and no more than 5 minutes apart between 1551 and 1630.

2. London Bridge Bus Station, Bay F to Edmonton Green Bus Station

0450 - 0555	Every 10 minutes
0556 - 0640	Every 8 minutes
0641 - 0700	Every 6 minutes
0701 - 0800	Every 5 minutes
0801 - 0900	Every 4-5 minutes (14 buses per hour)
0901 - 0930	Every 5 minutes
0931 - 1545	Every 6 minutes
1546 - 1710	Every 5 minutes
1711 - 1810	Every 4-5 minutes (14 buses per hour)
1811 - 1840	Every 5 minutes
1841 - 1940	Every 6 minutes
1941 - 2105	Every 7 minutes
2106 - 0050	Every 8 minutes

First departure from London Bridge Bus Station, Bay F no later than 0455.
Last departure from London Bridge Bus Station, Bay F no earlier than 0045.

Tenderers should ensure that buses are scheduled to be no more than 6 minutes apart at Seven Sisters Station between 0715 and 0735, no more than 5 minutes apart between 0736 and 0955, no more than 6 minutes apart between 1445 and 1635 and no more than 5 minutes apart between 1800 and 1900.

6.2 Saturdays & Good Friday (Option 1)

1. Edmonton Green Bus Station to London Bridge Bus Station, Bay F

0355 - 0535	Every 12 minutes
0536 - 0655	Every 10 minutes
0656 - 2350	Every 8 minutes

First departure from Edmonton Green Bus Station no later than 0400.
Last departure from Edmonton Green Bus Station no earlier than 2345.

Tenderers should ensure that buses are scheduled to be no more than 8 minutes apart at Dalston Junction between 0805 and 1105.

2. London Bridge Bus Station, Bay F to Edmonton Green Bus Station

0450 - 0655	Every 12 minutes
0656 - 0755	Every 10 minutes
0756 - 0050	Every 8 minutes

First departure from London Bridge Bus Station, Bay F no later than 0455.
Last departure from London Bridge Bus Station, Bay F no earlier than 0045.

Tenderers should ensure that buses are scheduled to be no more than 8 minutes apart at Seven Sisters Station between 0900 and 1100.

6.2 Saturdays & Good Friday (Option 2)

1. Edmonton Green Bus Station to London Bridge Bus Station, Bay F

0355 - 0535	Every 12 minutes
0536 - 0655	Every 10 minutes
0656 - 0730	Every 8 minutes
0731 - 1805	Every 6 minutes
1806 - 1920	Every 7 minutes
1921 - 2350	Every 8 minutes

First departure from Edmonton Green Bus Station no later than 0400.

Last departure from Edmonton Green Bus Station no earlier than 2345.

Tenderers should ensure that buses are scheduled to be no more than 6 minutes apart at Dalston Junction between 0805 and 1105.

2. London Bridge Bus Station, Bay F to Edmonton Green Bus Station

0450 - 0655	Every 12 minutes
0656 - 0755	Every 10 minutes
0756 - 0825	Every 8 minutes
0826 - 1900	Every 6 minutes
1901 - 2015	Every 7 minutes
2016 - 0050	Every 8 minutes

First departure from London Bridge Bus Station, Bay F no later than 0455.

Last departure from London Bridge Bus Station, Bay F no earlier than 0045.

Tenderers should ensure that buses are scheduled to be no more than 6 minutes apart at Seven Sisters Station between 0900 and 1100.

6.3 Sundays (Options 1 & 2)

1. Edmonton Green Bus Station to London Bridge Bus Station, Bay F

0355 - 0520	Every 20 minutes
0521 - 0620	Every 15 minutes
0621 - 0655	Every 12 minutes
0656 - 0725	Every 10 minutes
0726 - 2350	Every 8 minutes

First departure from Edmonton Green Bus Station no later than 0400.
Last departure from Edmonton Green Bus Station no earlier than 2345.

Tenderers should ensure that buses are scheduled to be no more than 8 minutes apart at Dalston Junction between 0930 and 1130.

2. London Bridge Bus Station, Bay F to Edmonton Green Bus Station

0450 - 0615	Every 20 minutes
0616 - 0645	Every 15 minutes
0646 - 0820	Every 12 minutes
0821 - 0900	Every 10 minutes
0901 - 0050	Every 8 minutes

First departure from London Bridge Bus Station, Bay F no later than 0455.
Last departure from London Bridge Bus Station, Bay F no earlier than 0045.

Tenderers should ensure that buses are scheduled to be no more than 8 minutes apart at Seven Sisters Station between 0930 and 1130.

6.4 Boxing Day (Options 1 & 2)

1. Edmonton Green Bus Station to London Bridge Bus Station, Bay F

0800 - 2350 Every 8 minutes

First departure from Edmonton Green Bus Station no later than 0805.
Last departure from Edmonton Green Bus Station no earlier than 2345.

Tenderers should ensure that buses are scheduled to be no more than 8 minutes apart at Dalston Junction between 0930 and 1130.

2. London Bridge Bus Station, Bay F to Edmonton Green Bus Station

0820 - 0900 Every 10 minutes
0901 - 0050 Every 8 minutes

First departure from London Bridge Bus Station, Bay F no later than 0825.
Last departure from London Bridge Bus Station, Bay F no earlier than 0045.

Tenderers should ensure that buses are scheduled to be no more than 8 minutes apart at Seven Sisters Station between 0930 and 1130.

6.6 Nightly

1. Edmonton Green Bus Station to London Bridge Bus Station, Bay F

0005 - 0345 Every 30 minutes

First departure from Edmonton Green Bus Station no later than 0010.
Last departure from Edmonton Green Bus Station no earlier than 0340.

2. London Bridge Bus Station, Bay F to Edmonton Green Bus Station

0100 - 0440 Every 30 minutes

First departure from London Bridge Bus Station, Bay F no later than 0105.
Last departure from London Bridge Bus Station, Bay F no earlier than 0435.

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

7. MINIMUM PERFORMANCE STANDARDS

Please refer to Section 2.7 of Part A of the Guide for Tenderers.

Tenderers should note that the objective of the Operator of Route Nos. 149 & N149 shall be to operate all scheduled mileage and adhere **fully** to the published timetable. The Operator must use its best endeavours to achieve this.

The **minimum** standards of acceptable performance for Route No. 149 (**Options 1 & 2**) shall be:

Average Excess Wait Time:	No more than 1.20 minutes
Minimum Operated Mileage:	No less than 98.00%

The **minimum** standards of acceptable performance for Route No. N149 shall be:

Departing on Time	No less than 85.00%
Minimum Operated Mileage	No less than 99.00%

or as notified by the Corporation from time to time. The Operator will be required to achieve or better the standards.

QSI Thresholds

The QSI threshold is the standard of performance to be achieved by the operator in order to qualify for an automatic contract extension (in accordance with Schedule IX of the Framework Agreement).

Average Excess Wait Time Threshold (**Options 1 & 2**) = 1.05minutes

It is unlikely that the minimum number of QSI surveys for Threshold measurement will be conducted on Route No. N149 at present. However, this may change at a later date when a Threshold figure may be published.

Summary of proposed QSI coverage: Route Nos. 149 & N149 (Options 1 & 2)

Note: While London Buses undertakes to carry out QSI surveys at the times and locations specified below, it may prove impossible to rearrange a survey cancelled or nullified at short notice.

Survey locations

Towards London Bridge Station, Bay F

Edmonton Green
Tottenham High Road
Stoke Newington
Liverpool Street

Towards Edmonton Green Bus Station

London Bridge
Shoreditch
Tottenham High Road

Total scheduled manual QSI surveys per quarter = 112.

8. RUNNING TIMES

Extracts from the public timetable with sample running times for Route Nos. 149 & N149 are attached at Appendix A. This gives an indication of the time required to travel the route. Attention is drawn to the variations in running times at different times of the day. Please refer to Section 2.8 of Part A of the Guide for Tenderers for further information.

Tenderers should carefully check the existing running times to ensure that they are appropriate in present traffic conditions. Tenderers should particularly check the existing running times for the Mondays to Fridays PM peak and the Saturday afternoon shopping period.

It is expected that any changes to these running times can be accommodated within existing cycle times.

When reviewing existing, and devising new, running times Tenderers should refer to:

- the minimum performance standards for Route Nos. 149 & N149 in Section 7 above;
- the historical performance data provided in Section 1 Part B of the introduction to this ITT.

Tenderers may consider if school summer holiday schedules, incorporating running time reductions, are desirable for this route. In this event, schedules and costs must be submitted separately.

9. LAYOVERS

Under normal circumstances, layover time on stands and at bus stations should be restricted to that required to provide a reliable service. Longer layovers for any other purpose may only be taken with the permission of the Corporation.

10. TIMING CONSTRAINTS

Route No. 149 should interwork with Route No. N149 to form a seamless 24 hour service.

Tenderers submitting bids should bear this requirement in mind when compiling schedules. This requirement will be negotiated with the successful Tenderer for this route to ensure that optimal interworking/separation is delivered within its schedules.

11. CONTROL STRATEGY

Route Nos. 149 & N149 can suffer from the effects of traffic congestion, making some form of route control essential in order to achieve or better the minimum performance standards for this route.

Tenderers should submit proposals on the control strategy they intend to adopt and the type of control they would intend to use by completing the form provided in Section 3: Part 7 of this ITT. The cost of this control should be included within the main Tender price.

Tenderers should also indicate how they intend to facilitate driver changeovers and meal reliefs for this route.

Further information is provided in Section 2.11 of Part A of the Guide for Tenderers.

12. OPERATIONAL CONSIDERATIONS

Tenderers should note the following operating considerations affecting Route No. 149 & N149:

- Route No. 149 suffers from major disruption in the Edmonton and Tottenham areas during home matches of Tottenham Hotspur football club.
- Route Nos. 149 & N149 can suffer from unpredictable traffic delays in the Dalston, Shoreditch and City of London areas particularly during Mondays to Fridays peak periods.

Tenderers should also note the following factors/events which may have an impact on Route Nos. 149 & N149 in the foreseeable future:

- Proposals exist for large scale office development in the Bishopsgate area.
- The ongoing Thames Water main replacement works programme in central London will continue to affect these and other bus routes.
- The East London Line Extension may affect demand on Route Nos. 149 & N149. Therefore, adjustments may be required during the lifetime of the forthcoming contract. By June 2010, the northern extension of the East London line to Dalston is expected to be complete, with new step free stations at Dalston, Haggerston, Hoxton and Shoreditch. By February 2011, the extension of the East London line from Dalston Junction to Highbury & Islington is expected to be complete.
- East London Line construction works at Dalston Lane may cause delays to the service. A proposal exists for a bus station at Dalston Junction which will be built over the East London Line Extension Station.
- The construction of the new East London line station in Shoreditch High Street may cause delays to the service.
- As part of the Thameslink upgrade works, a new viaduct is to be built at Railway Approach, London Bridge. Works have commenced with completion of the project scheduled for 2012. The successful Tenderer will be advised of any road network changes when more information becomes available.
- There are tentative proposals to redevelop London Bridge Bus Station. The successful Tenderer will be updated when more information becomes available.

The above factors have been included to assist Tenderers and represents the information currently available to the Corporation. Tenderers should make their own enquiries about events which may impact upon the route and should form their own views about their likely effect upon it.

13. STOPPING ARRANGEMENTS

Buses operating on Route Nos. 149 & N149 must serve all stops on the line of route designated for the route.

14. TIMING POINTS & MILEAGES

Timing Points

The required timing points (and codes) are shown in Caesar.

Mileages for Route Nos. 149 & N149

Edmonton Green Bus Station to London Bridge Station, Bay F	9.0 miles
London Bridge Station, Bay F to Edmonton Green Bus Station	8.7 miles

Tenderers should note that:

- these measurements are believed to be accurate to within 0.5 miles, but no warranty or representation as to accuracy is given;
- out of service stand workings have not been measured and are not included within the above measurements;
- if alternative or additional measurements are used by the Tenderer, these must be stated in the tender submission;
- point to point measurements pertaining to recognised curtailment points or alternative terminals will be agreed with the successful Tenderer once the contract has been awarded.

15. VEHICLE LIVERY

All vehicles to be used on Route Nos. 149 & N149 from the commencement of the new Route Agreement must be in a livery that is exclusively Corporation red. The paint should be matched accurately to the colour as defined by the following manufacturer's specifications:

ICI London Bus Red P498 FPF 3

Other manufacturers should also be able to produce this specification from the ICI colour chart.

This requirement does not include the lower panels which may be in a different colour but which shall not exceed 50cm in height, or the rooftop which should be painted white so as to reduce temperatures inside the vehicle during the summer months.

The positioning and size of Operators' logos are to be agreed between the Operator and the Corporation and, where possible, these should be above the front doors on the nearside of the vehicles and above the drivers' offside cab windows.

All livery proposals must be submitted to the Contracts Tendering Manager for approval.

16. STANDS AND BLINDS

Tenderers should note that under normal circumstances, the specific restrictions relating to each stand will apply to the whole stand at all times. Any variation to such standing arrangements must be agreed by the Corporation. In addition, Tenderers should note the following general requirements:

- 1) Drivers MUST switch off engines during layover periods at bus stations or on stands.
- 2) No meal reliefs may be taken on any stand (on or off line of route) without the permission of the Corporation.
- 3) No crew ferry vehicles may enter any stand (on or off line of route) without the permission of the Corporation.
- 4) Destination blind displays to be used are shown under each stand description. Tenderers may suggest, within their bids, alternative blind displays.
- 5) The intermediate (also known as via) blind display to be used on the nearside of the vehicle is shown in the box below:

149 via Stoke Newington

For further information, please refer to Annex C of the Framework Agreement: General Conditions relating to the use of London Buses' Bus Stations and Stands.

APPENDIX A: SAMPLE RUNNING TIMES FOR ROUTE No. 149
(based on current schedule)

MONDAYS TO FRIDAYS

1. Edmonton Green Bus Station to London Bridge Bus Station, Bay F

	Typical early morning	Longest morning peak	Typical interpeak	Longest afternoon peak	Typical late evening
Edmonton Green Bus Station	0402	0800	1205	1657	2305
Upper Edmonton <i>Angel Corner, Fore Street</i>	0405	0804	1210	1702	2308
Tottenham <i>Swan</i>	0413	0820	1228	1720	2316
Seven Sisters Station	0414	0822	1230	1722	2317
Stamford Hill Broadway	0418	0829	1236	1728	2321
Stoke Newington <i>Rectory Road/Brooke Road</i>	0422	0835	1242	1734	2325
Dalston Junction	0427	0844	1251	1743	2331
Shoreditch Church	0432	0854	1300	1752	2340
Liverpool Street <i>Bishopsgate</i>	0436	0902	1306	1758	2346
London Bridge Bus Station Bay F	0444	0915	1317	1808	2352
	42 minutes	75 minutes	72 minutes	71 minutes	47 minutes

2. London Bridge Bus Station, Bay F to Edmonton Green Bus Station

	Typical early morning	Longest morning peak	Typical interpeak	Longest afternoon peak	Typical late evening
London Bridge Bus Station Bay F	0455	0757	1202	1700	2303
Liverpool Street <i>Bishopsgate</i>	0503	0810	1213	1710	2311
Shoreditch Church	0507	0817	1220	1717	2317
Dalston Junction	0513	0825	1230	1727	2327
Stoke Newington <i>Police Station</i>	0517	0830	1237	1734	2331
Stamford Hill Broadway	0521	0836	1244	1742	2335
Seven Sisters Station	0524	0841	1249	1750	2338
Tottenham <i>Swan</i>	0526	0843	1251	1752	2340
Upper Edmonton <i>Angel Corner, Fore Street</i>	0535	0854	1307	1812	2349
Edmonton Green Bus Station	0540	0900	1313	1818	2354
	45 minutes	63 minutes	71 minutes	78 minutes	51 minutes

SATURDAYS

1. Edmonton Green Bus Station to London Bridge Bus Station, Bay F

	Typical early morning	Typical late AM shopping period	Typical PM shopping period	Typical late evening
Edmonton Green Bus Station	0402	1055	1503	2300
Upper Edmonton <i>Angel Corner, Fore Street</i>	0405	1100	1508	2303
Tottenham <i>Swan</i>	0413	1118	1526	2311
Seven Sisters Station	0414	1120	1528	2312
Stamford Hill Broadway	0418	1125	1533	2316
Stoke Newington <i>Rectory Road/Brooke Road</i>	0422	1132	1540	2320
Dalston Junction	0428	1139	1547	2326
Shoreditch Church	0434	1148	1556	2338
Liverpool Street <i>Bishopsgate</i>	0438	1152	1600	2346
London Bridge Bus Station Bay F	0444	1200	1608	2352
	42 minutes	65 minutes	65 minutes	52 minutes

2. London Bridge Bus Station, Bay F to Edmonton Green Bus Station

	Typical early morning	Typical late AM shopping period	Typical PM shopping period	Typical late evening
London Bridge Bus Station Bay F	0455	1057	1505	2303
Liverpool Street <i>Bishopsgate</i>	0503	1105	1513	2311
Shoreditch Church	0507	1111	1519	2319
Dalston Junction	0513	1120	1528	2331
Stoke Newington <i>Police Station</i>	0517	1127	1535	2335
Stamford Hill Broadway	0521	1135	1543	2339
Seven Sisters Station	0524	1141	1549	2342
Tottenham <i>Swan</i>	0526	1143	1551	2344
Upper Edmonton <i>Angel Corner, Fore Street</i>	0535	1159	1609	2353
Edmonton Green Bus Station	0540	1206	1617	2358
	45 minutes	69 minutes	72 minutes	55 minutes

SUNDAYS1. Edmonton Green Bus Station to London Bridge Bus Station, Bay F

	Typical early morning	Typical late AM shopping period	Typical PM shopping period	Typical late evening
Edmonton Green Bus Station	0402	1054	1505	2300
Upper Edmonton <i>Angel Corner, Fore Street</i>	0405	1058	1510	2303
Tottenham <i>Swan</i>	0413	1114	1527	2311
Seven Sisters Station	0414	1116	1529	2312
Stamford Hill Broadway	0418	1122	1535	2316
Stoke Newington <i>Rectory Road/Brooke Road</i>	0422	1129	1542	2320
Dalston Junction	0428	1136	1550	2326
Shoreditch Church	0434	1145	1600	2334
Liverpool Street <i>Bishopsgate</i>	0438	1150	1606	2338
London Bridge Bus Station Bay F	0444	1158	1614	2344
	42 minutes	64 minutes	69 minutes	44 minutes

2. London Bridge Station to Edmonton Green Bus Station

	Typical early morning	Typical late AM shopping period	Typical PM shopping period	Typical late evening
London Bridge Station	0455	1053	1501	2303
Liverpool Street Station	0503	1101	1509	2311
Shoreditch <i>Church</i>	0507	1107	1516	2315
Dalston Junction	0513	1116	1527	2323
Stoke Newington <i>Police Station</i>	0517	1123	1535	2327
Stamford Hill Broadway	0521	1131	1543	2331
Seven Sisters Station	0524	1137	1549	2334
Tottenham <i>Swan</i>	0526	1139	1551	2336
Upper Edmonton <i>Angel Corner, Fore Street</i>	0535	1152	1607	2345
Edmonton Green Bus Station	0540	1157	1612	2350
	45 minutes	64 minutes	71 minutes	47 minutes

The above tables have been included to assist Tenderers. They represent the information currently available to the Corporation. Tenderers should form their own views about what is appropriate in terms of running times. (See Section 8.)

APPENDIX B: SAMPLE RUNNING TIMES FOR ROUTE No. N149
(based on current schedule)

MONDAY NIGHTS/TUESDAY MORNINGS TO THURSDAY NIGHTS/FRIDAY MORNINGS

1. Edmonton Green Bus Station to London Bridge Bus Station, Bay F

	Typical late night	Typical early morning
Edmonton Green Bus Station	0012	0312
Upper Edmonton <i>Angel Corner, Fore Street</i>	0015	0315
Tottenham <i>Swan</i>	0023	0323
Seven Sisters Station	0024	0324
Stamford Hill Broadway	0028	0328
Stoke Newington <i>Rectory Road/Brooke Road</i>	0032	0332
Dalston Junction	0038	0338
Shoreditch Church	0047	0345
Liverpool Street <i>Bishopsgate</i>	0053	0349
London Bridge Bus Station Bay F	0059	0355
	47	43
	minutes	minutes

2. London Bridge Bus Station, Bay F to Edmonton Green Bus Station

	Typical late night	Typical early morning
London Bridge Bus Station Bay F	0110	0310
Liverpool Street Station	0118	0318
Shoreditch Church	0124	0322
Dalston Junction	0134	0330
Stoke Newington <i>Police Station</i>	0138	0334
Stamford Hill Broadway	0142	0338
Seven Sisters Station	0145	0341
Tottenham <i>Swan</i>	0147	0343
Upper Edmonton <i>Angel Corner, Fore Street</i>	0156	0352
Edmonton Green Bus Station	0201	0357
	51	47
	minutes	minutes

FRIDAY NIGHTS/SATURDAY MORNINGS TO SATURDAY NIGHTS/SUNDAY MORNINGS

1. Edmonton Green Bus Station to London Bridge Bus Station, Bay F

	Typical late night	Typical early morning
Edmonton Green Bus Station	0012	0312
Upper Edmonton <i>Angel Corner, Fore Street</i>	0015	0315
Tottenham <i>Swan</i>	0023	0323
Seven Sisters Station	0024	0324
Stamford Hill Broadway	0028	0328
Stoke Newington <i>Rectory Road/Brooke Road</i>	0032	0332
Dalston Junction	0038	0338
Shoreditch Church	0050	0346
Liverpool Street <i>Bishopsgate</i>	0058	0352
London Bridge Bus Station Bay F	0104	0358
	52	46
	minutes	minutes

2. London Bridge Bus Station, Bay F to Edmonton Green Bus Station

	Typical late night	Typical early morning
London Bridge Bus Station Bay F	0110	0310
Liverpool Street <i>Bishopsgate</i>	0118	0318
Shoreditch Church	0126	0325
Dalston Junction	0138	0336
Stoke Newington <i>Police Station</i>	0142	0340
Stamford Hill Broadway	0146	0344
Seven Sisters Station	0149	0347
Tottenham <i>Swan</i>	0151	0349
Upper Edmonton <i>Angel Corner, Fore Street</i>	0200	0358
Edmonton Green Bus Station	0205	0403
	55	53
	minutes	minutes

SUNDAY NIGHTS/MONDAY MORNINGS

1. Edmonton Green Bus Station to London Bridge Bus Station, Bay F

	Typical late night	Typical early morning
Edmonton Green Bus Station	0012	0312
Upper Edmonton <i>Angel Corner, Fore Street</i>	0015	0315
Tottenham <i>Swan</i>	0023	0323
Seven Sisters Station	0024	0324
Stamford Hill Broadway	0028	0328
Stoke Newington <i>Rectory Road/Brooke Avenue</i>	0032	0332
Dalston Junction	0038	0338
Shoreditch Church	0046	0345
Liverpool Street <i>Bishopsgate</i>	0050	0349
London Bridge Bus Station Bay F	0056	0355
	44	43
	minutes	minutes

2. London Bridge Bus Station, Bay F to Edmonton Green Bus Station

	Typical late night	Typical early morning
London Bridge Bus Station Bay F	0110	0310
Liverpool Street <i>Bishopsgate</i>	0118	0318
Shoreditch Church	0122	0322
Dalston Junction	0130	0330
Stoke Newington <i>Police Station</i>	0134	0334
Stamford Hill Broadway	0138	0338
Seven Sisters Station	0141	0341
Tottenham <i>Swan</i>	0143	0343
Upper Edmonton <i>Angel Corner, Fore Street</i>	0152	0352
Edmonton Green Bus Station	0157	0357
	47	47
	minutes	minutes

The above tables have been included to assist Tenderers. They represent the information currently available to the Corporation. Tenderers should form their own views about what is appropriate in terms of running times. (See Section 8.)

LONDON BUSES - ROUTE DESCRIPTION

ROUTE 149: Edmonton Green Station - London Bridge Station (24 hour service)

Date of Structural Change: 23 October 2010.

Date of Service Change: 23 October 2010.

Reason for Issue: New Tender.

STREETS TRAVERSED

Towards London Bridge Station: The Green, The Broadway, Fore Street, Tottenham High Road, Stamford Hill, Northwold Road, Rectory Road, Manse Road, Evering Road, Stoke Newington Road, Kingsland High Street, Kingsland Road, Shoreditch High Street, Norton Folgate, Bishopsgate, Gracechurch Street, King William Street, London Bridge, Borough High Street, Railway Approach, London Bridge Bus Station, Bay F.

Towards Edmonton Green Station: Bay F, London Bridge Street, Borough High Street, London Bridge, King William Street, Gracechurch Street, Bishopsgate, Norton Folgate, Shoreditch High Street, Kingsland Road, Kingsland High Street, Stoke Newington Road, Stoke Newington High Street, Stamford Hill, Tottenham High Road, Fore Street, The Broadway, The Green, Edmonton Green Bus Station.

STANDING AND TURNING POINTS

EDMONTON GREEN BUS STATION, SOUTH SIDE

Private stand for up to 7 buses in marked bays on south side of Edmonton Green Bus Station on south side of Hertford Road. Overflow stand for 2 buses in separate marked bays prior to and west of main stand area.

Buses proceed from Edmonton Green Bus Station direct to stand, departing via Edmonton Green Bus Station and Hertford Road to The Green. Set down in Edmonton Green Bus Station, at Stop A and pick up in The Green, at Stop G.

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: No more than 3 buses on Route 149 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.

DISPLAY: Edmonton Green.

TOTTENHAM, SNELLS PARK (from LONDON BRIDGE STATION)

Public stand on west side of Tottenham High Road at the junction with Langhedge Lane. The stand is marked out for one articulated bus and one non-articulated bus. Buses proceed from Tottenham High Road via Fore Street and Langhedge Lane to stand, departing via Langhedge Lane to Tottenham High Road. Set down in Tottenham High Road, at Stop C and pick up in Tottenham High Road, at Stop D.

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: No more than 1 bus on Route 149 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.
DISPLAY: Snells Park, Sainsburys.

BRUCE GROVE (from LONDON BRIDGE STATION)

Buses proceed from Tottenham High Road via Bruce Grove and Lordship Lane departing to Tottenham High Road. Set down in Tottenham High Road, at Stop J and pick up in Tottenham High Road, at Stop G.

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

TOTTENHAM, TOWN HALL APPROACH ROAD

Public stand for 2 buses on east side of Town Hall Approach Road commencing 26 metres north of lamp standard No. TA7A and extending 24 metres north.

From Edmonton Green Station.

Buses proceed from Tottenham High Road via Monument Way, The Hale, Broad Lane, Tottenham High Road, Philip Lane and Town Hall Approach Road to stand, departing via Town Hall Approach Road to Tottenham High Road. Set down in Monument Way, at Stop R and pick up in Tottenham High Road, at Stop M.

From London Bridge Station.

Buses proceed from Tottenham High Road via Philip Lane and Town Hall Approach Road to stand, departing via Town Hall Approach Road to Tottenham High Road. Set down in Tottenham High Road, at Stop M and pick up in Tottenham High Road, at Stop G.

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.
DISPLAY: Tottenham, Town Hall.

SEVEN SISTERS STATION

From Edmonton Green Station.

Buses proceed from Tottenham High Road via Monument Way, The Hale and Broad Lane departing to Tottenham High Road. Set down in Tottenham High Road and pick up in Tottenham High Road, at Stop E.

From London Bridge Station.

Buses proceed from Tottenham High Road via Monument Way, The Hale and Broad Lane departing to Tottenham High Road. Set down in Tottenham High Road, at Stop M and pick up in Tottenham High Road, at Stop Q.

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: **Turning Point Only - Buses must not stand**
DISPLAY: Seven Sisters.
OTHER INFORMATION: This turning point is only used when the contraflow bus lane is closed.

STAMFORD HILL, ROOKWOOD ROAD, EAST SIDE

Public stand for 3 buses in two sections (16.5 and 24.5 metres) on east side of Rookwood Road outside Stamford Hill Bus Garage commencing level with lamp standard No. 3 and extending overall 77.5 metres north.

From Edmonton Green Station.

Buses proceed from Stamford Hill via Egerton Road and Rookwood Road to stand, departing via Rookwood Road and Clapton Common to Stamford Hill. Set down in Stamford Hill, at Stop SK and pick up in Stamford Hill, at Stop SE.

From London Bridge Station.

Buses proceed from Stamford Hill via Egerton Road and Rookwood Road to stand, departing via Rookwood Road and Clapton Common to Stamford Hill. Set down in Stamford Hill, at Stop SD and pick up in Stamford Hill, at Stop SL.

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.
DISPLAY: Stamford Hill.

STOKE NEWINGTON COMMON, SOUTH SIDE

Public stand in Stoke Newington Common in 2 parts.

1 - On south side, commencing behind the 33m bus stop cage and extending 53m east.

2 - Overflow stand on north side (offside), commencing at lamp standard No 4 and extending 45 metres east.

From Edmonton Green Station.

Buses proceed from Northwold Road via Stoke Newington Common to stand, departing via Stoke Newington Common, Rectory Road, Manse Road and Evering Road to Stoke Newington High Street. Set down in Northwold Road, at Stop D and pick up in Stoke Newington High Street, at Stop R.

From London Bridge Station.

Buses proceed from Stoke Newington High Street via Northwold Road and Stoke Newington Common to stand, departing via Stoke Newington Common to Rectory Road. Set down in Stoke Newington High Street, at Stop X and pick up in Rectory Road, at Stop L.

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.
DISPLAY:	Stoke Newington.

STOKE NEWINGTON, EVERING ROAD

Public stand in Evering Road, commencing 7 metres east of lamp standard No 6 opposite flats 17-23 and extending 50 metres east.

From Edmonton Green Station.

Buses proceed from Manse Road via Evering Road to stand, departing via Evering Road to Stoke Newington High Street. Set down in Manse Road, at Stop N and pick up in Stoke Newington High Street, at Stop R.

From London Bridge Station.

Buses proceed from Stoke Newington High Street via Northwold Road, Rectory Road, Manse Road and Evering Road to stand, departing via Evering Road to Stoke Newington Road. Set down in Stoke Newington High Street, at Stop X and pick up in Stoke Newington Road, at Stop Q.

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.
DISPLAY:	Stoke Newington.

DALSTON, HERTFORD ROAD (from LONDON BRIDGE STATION)

Public stand for two buses in Hertford Road, commencing 10 metres south of a point opposite the south flank wall of Nos 87/95 and extending 25 metres north.

Buses proceed from Kingsland Road via Enfield Road and Hertford Road to stand, departing via Hertford Road and Downham Road to Kingsland Road. Set down in Kingsland Road, at Stop KE and pick up in Kingsland Road, at Stop KE.

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.
DISPLAY: Dalston, Downham Road.

SHOREDITCH CHURCH, HIGH STREET

Public stand on east side of Shoreditch High Street, commencing 14 metres north of a point opposite centre of Batemans Row and extending 33 metres north.

From Edmonton Green Station.

Buses proceed from Kingsland Road via Shoreditch High Street to stand, departing via Shoreditch High Street, Great Eastern Street and Old Street to Kingsland Road. Set down in Kingsland Road, at Stop T and pick up in Kingsland Road, at Stop V.

From London Bridge Station.

Buses proceed from Shoreditch High Street via Great Eastern Street, Old Street and Shoreditch High Street to stand, departing to Shoreditch High Street. Set down in Shoreditch High Street, at Stop F and pick up in Shoreditch High Street, at Stop N.

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.
DISPLAY: Shoreditch.

LONDON BRIDGE BUS STATION, STAND F

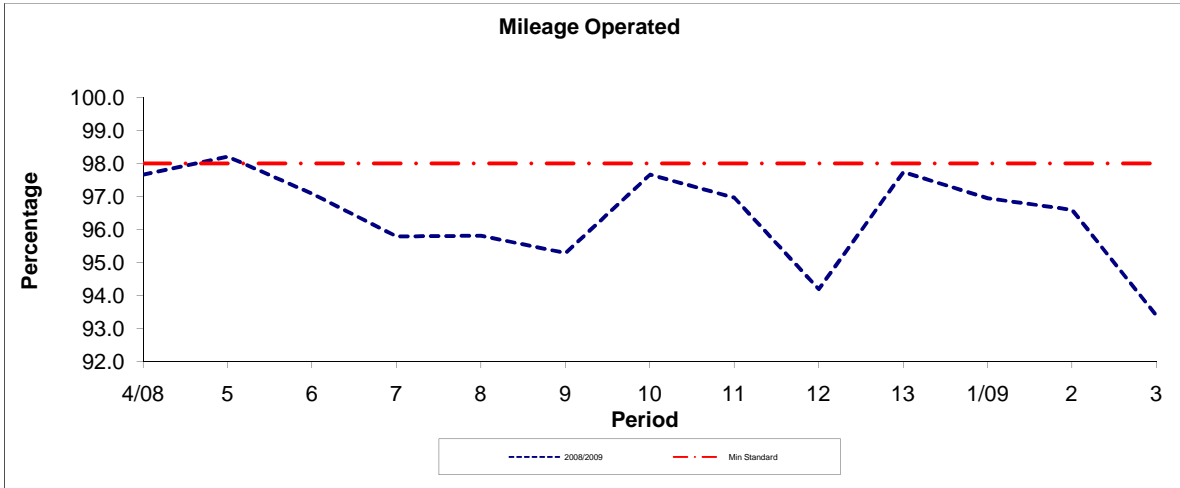
Private stand for up to 7 buses in Bay F on London Bridge Station Forecourt.

Buses proceed from Bay F direct to stand, departing to Bay F. Set down in Bay F, at Stop F and pick up in Bay F, at Stop F.

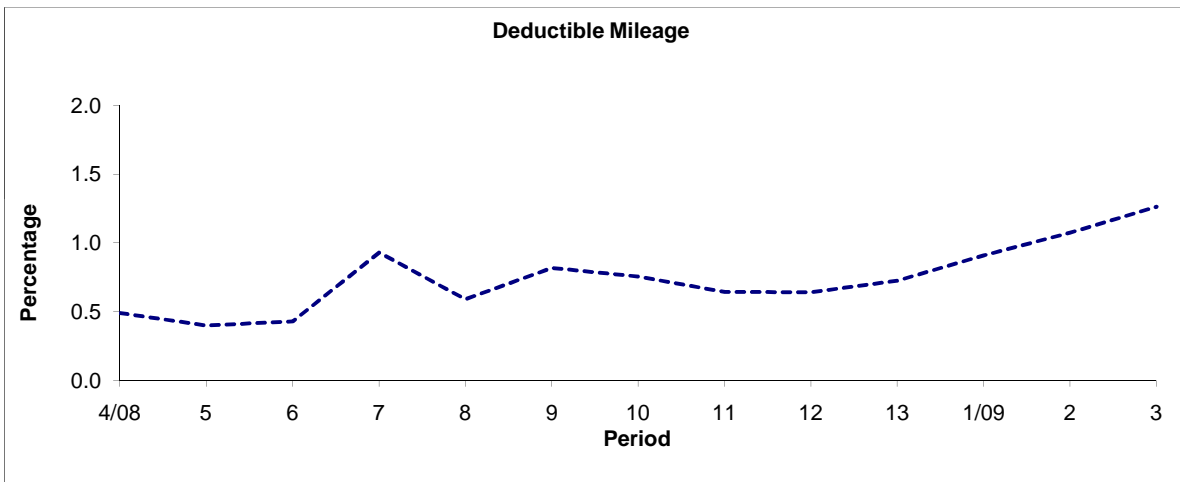
AVAILABILITY: At any time.
OPERATING RESTRICTIONS: No more than 3 buses on Route 149 should be scheduled to stand at any one time.
MEAL RELIEFS: No meal relief vehicles to stand at any time.
FERRY VEHICLES: No ferry vehicles to park on stand at any time.
DISPLAY: London Bridge.

PART B - PERFORMANCE STATISTICS

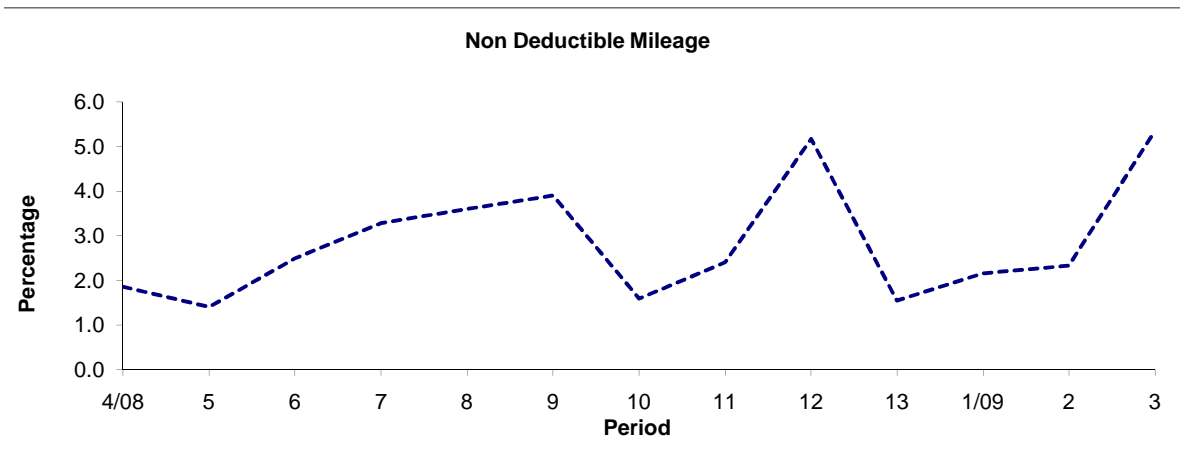
Route 149



Period	4/08	5	6	7	8	9	10	11	12	13	1/09	2	3
2008/2009	97.66	98.20	97.08	95.79	95.81	95.28	97.65	96.96	94.19	97.73	96.94	96.60	93.39
Min Standard	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00



Period	4/08	5	6	7	8	9	10	11	12	13	1/09	2	3
2008/2009	0.49	0.40	0.43	0.93	0.59	0.82	0.76	0.64	0.64	0.73	0.91	1.07	1.26

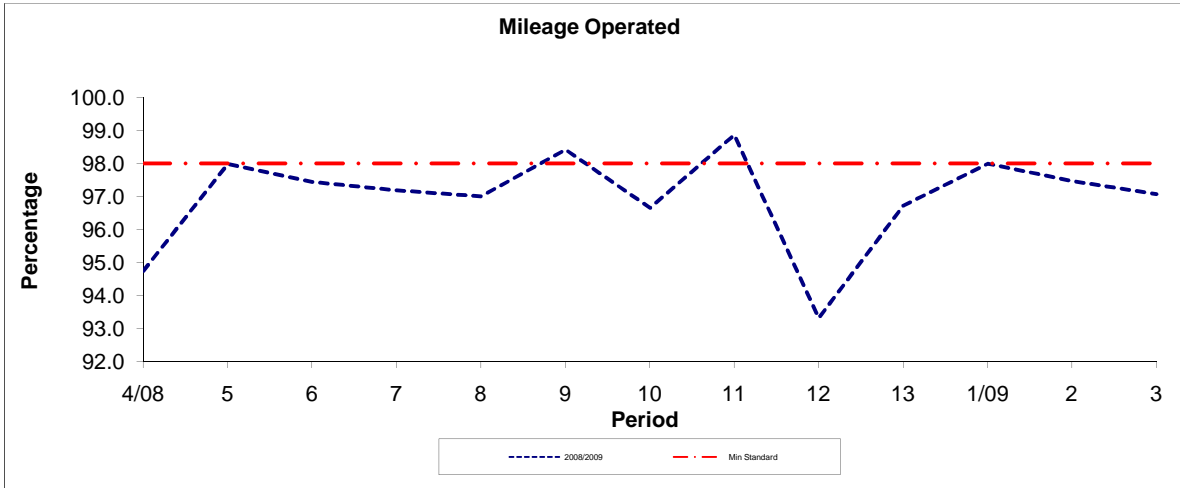


Period	4/08	5	6	7	8	9	10	11	12	13	1/09	2	3
2008/2009	1.85	1.40	2.49	3.28	3.60	3.90	1.59	2.40	5.17	1.54	2.15	2.33	5.35

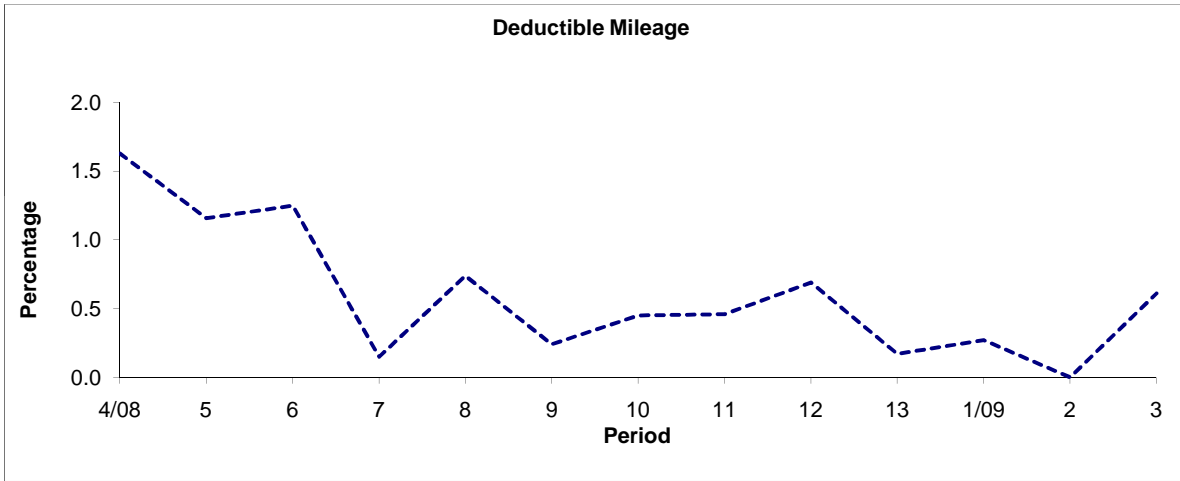
Note : Mileage is based on 4 weeks data

PART B - PERFORMANCE STATISTICS

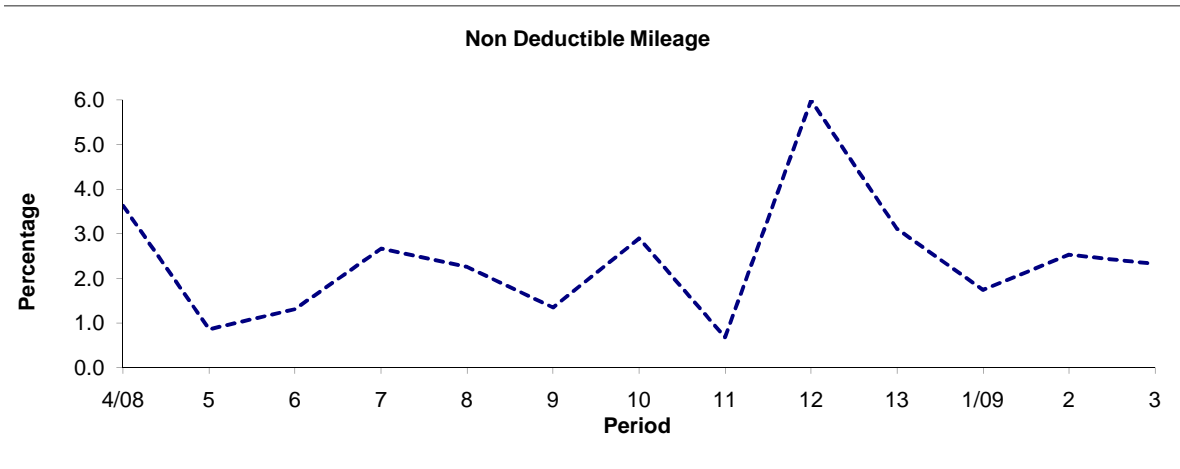
Route N149



Period	4/08	5	6	7	8	9	10	11	12	13	1/09	2	3
2008/2009	94.74	97.98	97.44	97.18	97.00	98.41	96.65	98.86	93.32	96.72	97.99	97.47	97.07
Min Standard	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00



Period	4/08	5	6	7	8	9	10	11	12	13	1/09	2	3
2008/2009	1.63	1.16	1.25	0.15	0.74	0.24	0.45	0.46	0.69	0.17	0.27	0.00	0.61

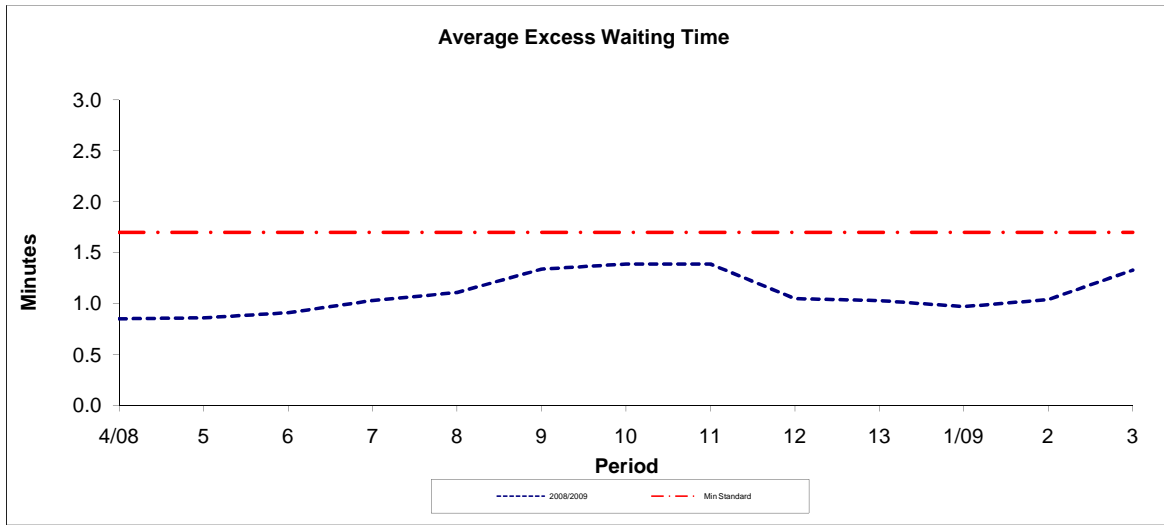


Period	4/08	5	6	7	8	9	10	11	12	13	1/09	2	3
2008/2009	3.63	0.86	1.31	2.67	2.26	1.35	2.90	0.68	5.99	3.11	1.74	2.53	2.32

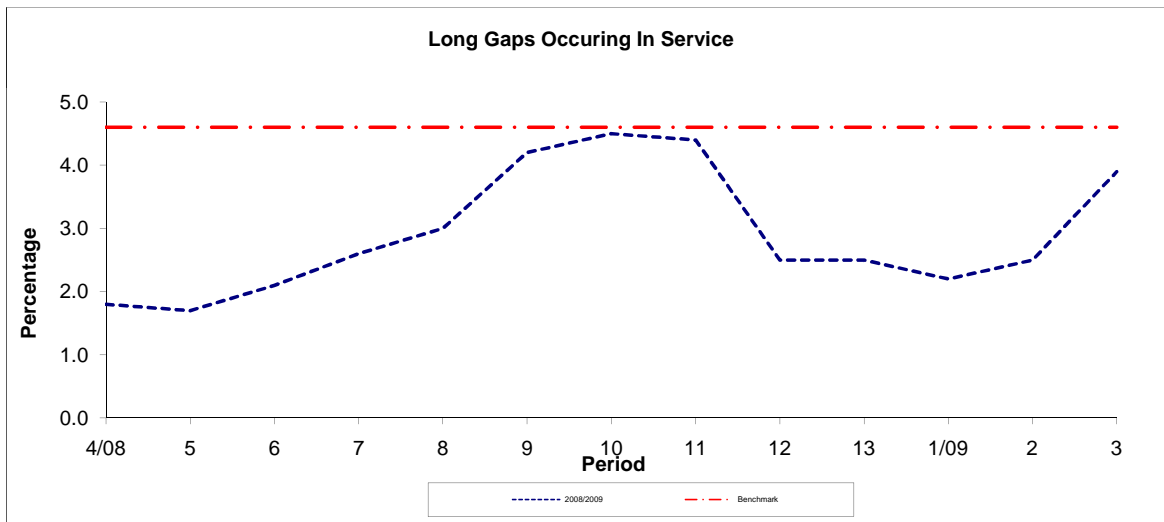
Note : Mileage is based on 4 weeks data

PART B - PERFORMANCE STATISTICS

Route 149



Period	4/08	5	6	7	8	9	10	11	12	13	1/09	2	3
2008/2009	0.85	0.86	0.91	1.03	1.11	1.34	1.39	1.39	1.05	1.03	0.97	1.04	1.33
Min Standard	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70

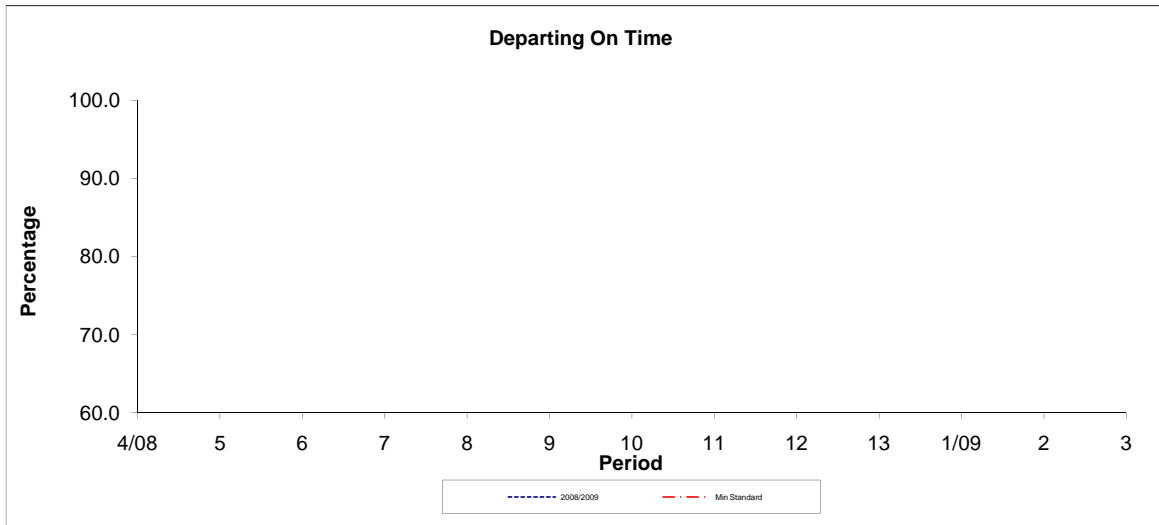


Period	4/08	5	6	7	8	9	10	11	12	13	1/09	2	3
2008/2009	1.80	1.70	2.10	2.60	3.00	4.20	4.50	4.40	2.50	2.50	2.20	2.50	3.90
Benchmark	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60

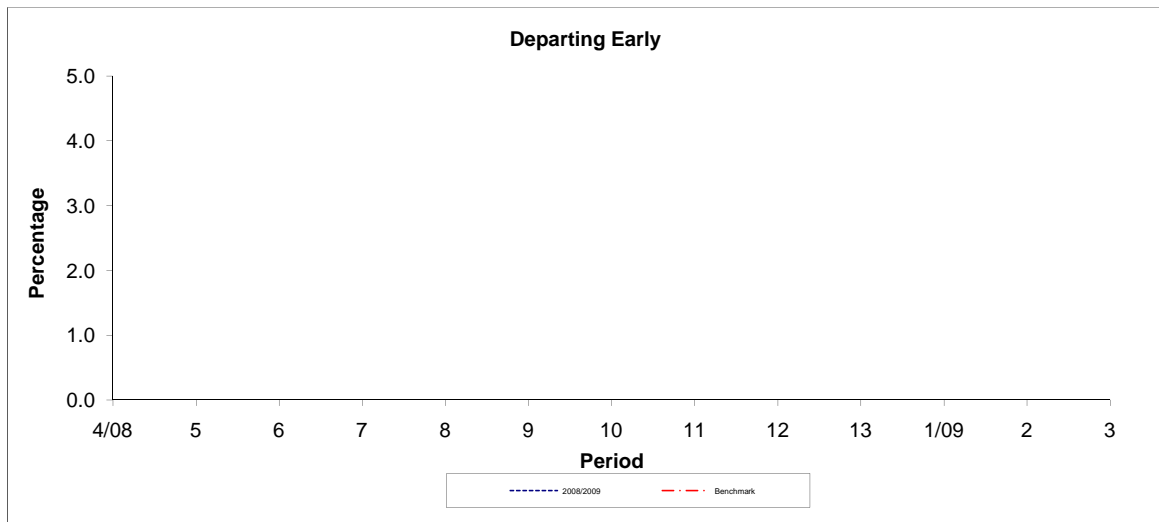
Note : Reliability is based on 12 weeks rolling data

PART B - PERFORMANCE STATISTICS

Route N149



Period	4/08	5	6	7	8	9	10	11	12	13	1/09	2	3
2008/2009													
Min Standard													



Period	4/08	5	6	7	8	9	10	11	12	13	1/09	2	3
2008/2009													
Benchmark													

Note : Reliability is based on 12 weeks rolling data
No data