

## 1) SERVICE SPECIFICATION

Route: **135**

Contract Reference: **QC79401**

This Service Specification forms section 7 of the ITT and should be read in conjunction with the ITT document, Version 2.0, dated 5<sup>th</sup> March 2021.

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.

Terminus Points	Crossharbour, Asda and Old Street Station, Provost Street/ Old Street Station, East Road
Contract Basis	Incentivised
Commencement Date	Saturday 21/05/2022
End Date	Friday 18/05/2029
Early Termination Date <i>Subject to minimum 10 months notice</i>	Friday 15/05/2026
Vehicle Type	87 capacity, dual door, double deck vehicles
Current Maximum Approved Dimensions	10.4 metres long and 2.55 metres wide
New Vehicle Price Mandatory	Yes
Hybrid Price Required	Yes
Zero Emission Price Required	Yes
Advertising Rights	Operator
Minimum Performance Standard	Average Excess Wait Time - No more than 1.00 minutes
Minimum Operated Mileage Standard	No less than 98%

The Date of Tender for this ITT is:  
No later than 12 Noon on **Tuesday 29<sup>th</sup> June 2021**.

## **SERVICE SPECIFICATION**

- 1) SERVICE SPEC - ROUTE SPECIFICATION INFORMATION
- 2) NOTES
- 3) SCHEDULE REQUIREMENTS & PINCHPOINTS
- 4) OPERATIONAL CONSIDERATIONS
- 5) ROUTE RECORD, CURRENT PERFORMANCE, QSI BY TIME OF DAY, IBUS MILEAGE & QSI POINTS

## 2) NOTES

### **Proposed Changes:**

At this time, the Corporation expects to implement a change to the existing service prior to the commencement of the new Route Agreement for Route No. 135.

On 1<sup>st</sup> October 2014, Heron Quay (subsequently re-named to Bank Street) was closed to enable the construction of new development within the Canary Wharf estate which resulted in the temporary diversion of bus services.

On 17<sup>th</sup> October 2020, bus services operating towards Isle of Dogs only returned to their permanent routeing following the re-opening of Bank Street in the westbound direction

Bank Street re-opened in the eastbound direction in January 2021 so is now two-way. Therefore, bus services operating from the Isle of Dogs can return to their permanent routeing as well.

- To better serve the Heron Quay and Canary Wharf areas, ex Crossharbour, Asda, Route No. 135 is re-routed from Westferry Road via Bank Street and Upper Bank Street to Canada Square to re-join normal line of routeing.
- Ex Crossharbour, Asda, the section of routeing from Westferry Road via Westferry Circus (Upper Level), West India Avenue, Cabot Square, The North Colonnade and Canada Square (south side) to Canada Square (east side) is withdrawn.
- Therefore, the routeing is standardised for both directions.
- The existing bus stop on Bank Street (bus stop number: BP4194) will re-open.
- **Please see Section 5 for a full list of streets traversed and standing arrangements.**

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:

- As part of the Road Modernisation Plan, TfL proposed a scheme to transform Old Street roundabout and is working with Hackney and Islington councils to implement it. Proposals include the closure of the north west arm of the roundabout to traffic to create a new peninsula space by incorporating the existing central island of the roundabout into the surrounding footway, a new large public space with a new station entrance on the peninsula, conversion to two-way traffic for the north east, south east and south west arms of the roundabout, fully segregated cycle lanes cycle-only traffic signals and signal-controlled pedestrian crossings. The scheme will be fully complete in autumn 2022.
- As a result, from autumn 2022, Route No. 135 is re-routed via the re-designed junction (north east arm of the roundabout) in both directions.
- Ex Crossharbour, Asda, the section of routeing via the south east, south west and north west arms of the roundabout is withdrawn.
- **Please see Section 5 for a full list of streets traversed and standing arrangements.**
- Bus stop number 13476 will be re-located eastward on Old Street.

## 2) NOTES

### **Proposed Changes (continued):**

**The Ultra Low Emission Zone (ULEZ) currently covers Central London and replaced the T-Charge (toxicity) on 8<sup>th</sup> April 2019. It operates 24 hours a day, 7 days a week, every day of the year except Christmas Day (25<sup>th</sup> December).**

**From 25<sup>th</sup> October 2021, the Ultra Low Emission Zone (ULEZ) will expand from Central London to create a single larger zone bounded by the North Circular Road (A406) and South Circular Road (A205). The North and South Circular Roads themselves are not included in the zone.**

**The Congestion Charge zone covers the area within the London Inner Ring Road which includes the City of London and the West End and operates between 0700 and 2200, 7 days a week, every day of the year except Christmas Day (25<sup>th</sup> December).**

**All double deck buses operating for TfL within the Congestion Charge zone must be hybrid (meeting Euro VI emissions standards) or zero emission (at tailpipe).**

## 2) NOTES - continued

**Tenderers should provide the following prices based on a 7 year fixed term contract:**

1. Annual diesel-electric hybrid
2. Annual Zero Emission

For zero emission submissions, tenderers should outline the strategy they would adopt for recharging battery electric and/or refuelling hydrogen buses, together with any other operational and infrastructure assumptions, within the tender submission.

**Tenderers are encouraged to offer alternative vehicle options in accordance with Part 9 of their tender, including but not limited to:**

1. Vehicles that offer genuine increased capacity and are certified as such.
2. Existing zero emission vehicles or vehicles to a minimum of Euro VI emissions standards which are no greater than eight years old at contract commencement for the full contract term, with an early termination date on or prior to the Friday closest to the fourth anniversary of the Route Agreement commencement date, subject to a minimum of 10 months notice. Please note that existing diesel vehicles will NOT be considered for routes which are already operated by hybrid or zero emission vehicles.
3. Existing zero emission vehicles or vehicles to a minimum of Euro VI emissions standards which are no greater than ten years old at contract commencement for a 5 year contract term, with an early termination date on or prior to the Friday closest to the third anniversary of the Route Agreement commencement date, subject to a minimum of 10 months notice. Please note that existing diesel vehicles will NOT be considered for routes which are already operated by hybrid or zero emission vehicles.

If submitting bids based on electric vehicles, Tenderers are reminded of the revised charging equipment specification requirement applicable from Tranche 726.

Tenderers are reminded that price submitted for this Route Agreement will be subject to the revised CPA formula of 85% CPI (12 rolling months) and 15% fixed.

The welfare of bus drivers during their working day is essential, and appropriate locations for sign-on/off as well as meal reliefs should be identified with the bid. These locations should have appropriate facilities available for driver at the beginning and end of shifts to carry out their duties (including fitness for duty). For breaks and periods of rest between work there should be appropriate toilet provision (including the availability, condition and cleanliness) and suitable locations to take a break, Whilst the obligation to provide suitable facilities remains with the Tenderer, if there are any risks in not being able to supply these, the Tenderer must make LBSL aware in their bid or at any later stage when this becomes apparent.

### 3) SCHEDULE REQUIREMENTS & PINCHPOINTS

#### 3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Crossharbour, Asda to Old Street Station, Provost Street			Old Street Station, East Road to Crossharbour, Asda		
First departure no later than 0440.			First departure no later than 0420.		
0435 - 0520	Every 20 minutes		0415 - 0540	Every 20 minutes	
0521 - 0550	Every 15 minutes		0541 - 0610	Every 15 minutes	
0551 - 0615	Every 12 minutes		0611 - 0635	Every 12 minutes	
0616 - 1905	Every 10 minutes		0636 - 1915	Every 10 minutes	
1906 - 2005	Every 12 minutes		1916 - 2015	Every 12 minutes	
2006 - 0055	Every 15 minutes		2016 - 0050	Every 15 minutes	
Last departure no earlier than 0050.			Last departure no earlier than 0045.		
<b>Pinchpoints</b>					
Commercial Road, New Road	0700 - 0900	10 minutes	Canary Wharf Station	0700 - 0900	10 minutes
	1500 - 1630	10 minutes		1505 - 1635	10 minutes

#### 3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Crossharbour, Asda to Old Street Station, Provost Street			Old Street Station, East Road to Crossharbour, Asda		
First departure no later than 0440.			First departure no later than 0420.		
0435 - 0620	Every 20 minutes		0415 - 0640	Every 20 minutes	
0621 - 0650	Every 15 minutes		0641 - 0710	Every 15 minutes	
0651 - 0725	Every 12 minutes		0711 - 0745	Every 12 minutes	
0726 - 1805	Every 10 minutes		0746 - 1815	Every 10 minutes	
1806 - 1905	Every 12 minutes		1816 - 1915	Every 12 minutes	
1906 - 0055	Every 15 minutes		1916 - 0050	Every 15 minutes	
Last departure no earlier than 0050.			Last departure no earlier than 0045.		
<b>Pinchpoints</b>					
Commercial Road, New Road	0905 - 1105	10 minutes	Canary Wharf Station	0910 - 1110	10 minutes

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

Crossharbour, Asda to Old Street Station, Provost Street			Old Street Station, East Road to Crossharbour, Asda		
First departure no later than 0540.			First departure no later than 0540.		
0535 - 0820	Every 20 minutes		0535 - 0900	Every 20 minutes	
0821 - 0055	Every 15 minutes		0901 - 0050	Every 15 minutes	
Last departure no earlier than 0050.			Last departure no earlier than 0045.		
<b>Pinchpoints</b>					
Commercial Road, New Road	1010 - 1140	15 minutes	Canary Wharf Station	1010 - 1140	15 minutes

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

#### 4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. 135 can suffer from unpredictable traffic delays in the Limehouse and Aldgate areas.
- 4.2) Crowding exists on Westferry Road ex Crossharbour, Asda during the Mondays to Fridays AM peak and ex Old Street Station, East Road during the Mondays to Fridays PM peak.
- 4.3) The Westferry Printworks development will provide new homes, two new parks, green spaces, a new dockside boardwalk, a 1,200 space secondary school, sports facilities, independent retailers, restaurants, bars, a community centre, a crèche and healthcare facilities. This is part of a fifteen acre development of the former Westferry Printworks which closed in 2011. Completion is expected in 2023. As a result, demand may increase for Route No. 135.
- 4.4) Old Street roundabout forms the centre point of London's "tech city", an area undergoing extensive regeneration which would significantly increase the number of people visiting and passing through Old Street. As a result, demand may increase for Route No. 135.
- 4.5) Oriel is a joint initiative between Moorfields Eye Hospital NHS Foundation Trust (Moorfields), UCL Institute of Ophthalmology and Moorfields Eye Charity to build a new centre of excellence for eye care, research and education at a two acre site at St Pancras Hospital in Camden's Knowledge Quarter, a hub for cultural and scientific businesses. Moorfields Eye Hospital and Moorfields Eye Charity located on City Road and UCL Institute of Ophthalmology located on Bath Street will re-locate to this new, purpose-built, integrated centre when it opens to patients which is expected to be in 2025/26. This may have an impact on demand for Route No. 135.
- 4.6) The central section of the Elizabeth line between Paddington and Abbey Wood is expected to open in the first half of 2022 and the railway will operate as follows:

Paddington (Elizabeth line station) to Abbey Wood via central London  
Liverpool Street (main line station) to Shenfield  
Paddington (main line station) to Heathrow and Reading

Following the opening of the central section, full services across the Elizabeth line from Reading and Heathrow in the west to Abbey Wood and Shenfield in the east will commence but the date is yet to be announced. This will connect the eastern and western sections straight through central London. There is potential for a change in passenger demand on Route No. 135 once the Elizabeth line becomes fully operational. A review, post opening of the Elizabeth line, will be undertaken if required.

**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 135: Crossharbour, Asda - Old Street Station

**Date of Structural Change:** 22 May 2022.

**Date of Service Change:** 22 May 2022.

**Reason for Issue:** New Tender - Old Street re-routing NOT included.

### **STREETS TRAVERSED**

**Towards Old Street Station:** Asda Access Road, East Ferry Road, Limeharbour, Marsh Wall, Manchester Road, East Ferry Road, Spindrift Avenue, Westferry Road, Bank Street, Upper Bank Street, Canada Square, The South Colonnade, Cabot Square, West India Avenue, Westferry Circus (Upper Level), Westferry Road, Trinidad Street, Salter Street, West India Dock Road, Commercial Road, Whitechapel High Street, St Botolph Street, Duke's Place, Bevis Marks, Camomile Street, Bishopsgate, Norton Folgate, Shoreditch High Street, Great Eastern Street, Old Street, City Road, Provost Street.

**Towards Crossharbour, Asda:** East Road, City Road, Old Street, Great Eastern Street, Holywell Lane, Shoreditch High Street, Norton Folgate, Bishopsgate, Camomile Street, Outwich Street, Houndsditch, St Botolph Street, Middlesex Street, Whitechapel High Street, Commercial Road, West India Dock Road, Westferry Road, Westferry Circus (Upper Level), West India Avenue, Cabot Square, The North Colonnade, Canada Square, Upper Bank Street, Bank Street, Westferry Road, Spindrift Avenue, East Ferry Road, Manchester Road, Marsh Wall, Limeharbour, East Ferry Road, Asda Access Road.

## **AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS**

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

### **CROSSHARBOUR, ASDA**

Private stand for 5 buses in marked bays in Asda car park.

Additional overflow stand for 2 buses on west side of East Ferry Road, between entrance and exit of Asda store.

Buses proceed from Asda Access Road direct to stand, departing to Asda Access Road. Set down in Asda Access Road, at Alighting point (OC673 - Isle Of Dogs Asda, Last Stop on LOR: OC673 - Isle Of Dogs Asda) and pick up in Asda Access Road, at Stop CE (R0752 - Crossharbour Asda, First Stop on LOR: R0752 - Crossharbour Asda).

AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: No more than 2 buses on Route 135 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: Crossharbour, Asda.

### **CUBITT TOWN (from OLD STREET STATION)**

Buses proceed from Manchester Road departing to Manchester Road. Set down in Manchester Road, at stop M (15156 - Stewart Street, Last Stop on LOR: 15156 - Stewart Street) and pick up in Manchester Road, at stop J (15157 - Stewart Street, First Stop on LOR: 15157 - Stewart Street).

AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: **Turning Point Only - Buses must not stand**  
BLIND DISPLAY: Isle of Dogs, Cubitt Town.

### **CANARY WHARF, TRAFALGAR WAY (from OLD STREET STATION)**

Public stand for up to two buses on southbound carriageway of Trafalgar Way, 149 metres south of Broadwalk Place and 204 metres north of Cartier Circle.

Buses proceed from Canada Square via The North Colonnade, Churchill Place, Cartier Circle and Trafalgar Way to stand, departing via Trafalgar Way, Cartier Circle, Churchill Place and The South Colonnade to Canada Square. Set down in Canada Square, at Stop H (BP3588 - Canada Square North and pick up in Canada Square, at Stop J (R0314 - Canada Square South).

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: Canary Wharf.

## **LIMEHOUSE, BURDETT ROAD**

Private stand for two buses in bus station at the junction of East India Dock Road and Burdett Road, commencing 20 metres east of eastern kerblines of Burdett Road and extending 30 metres south.

### From Crossharbour, Asda.

Buses proceed from West India Dock Road via East India Dock Road and Limehouse Bus Station to stand, departing via Limehouse Bus Station and Burdett Road to West India Dock Road. Set down in West India Dock Road, at Stop WM (BP107 - Limehouse Police Station, Last Stop on LOR: BP107 - Limehouse Police Station) and pick up in West India Dock Road, at Stop WU (36875 - Limehouse Police Station, First Stop on LOR: 36875 - Limehouse Police Station).

### From Old Street Station.

Buses proceed from Commercial Road via East India Dock Road and Limehouse Bus Station to stand, departing via Limehouse Bus Station and Burdett Road to Commercial Road. Set down in Commercial Road, at Stop LE (887 - Burdett Road, Last Stop on LOR: 887 - Burdett Road) and pick up in Commercial Road, at Stop LH (1689 - Limehouse Town Hall, First Stop on LOR: 1689 - Limehouse Town Hall).

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

## **STEPNEY, ARBOUR SQUARE**

Public stand for two buses (one in each of two sections) on east side of Arbour Square facing north.

### From Crossharbour, Asda.

Buses proceed from Commercial Road via Arbour Square (East) and Arbour Square (East Side) to stand, departing via Arbour Square (East Side), Arbour Square (North Side), Arbour Square (West Side) and Arbour Square to Commercial Road. Set down in Commercial Road, at Stop LM (1865 - Marion Richardson School, Last Stop on LOR: 1865 - Marion Richardson School) and pick up in Commercial Road (1866 - Arbour Square, First Stop on LOR: 1866 - Arbour Square).

### From Old Street Station.

Buses proceed from Commercial Road via Arbour Square (East) and Arbour Square (East Side) to stand, departing via Arbour Square (East Side), Arbour Square (North Side), Arbour Square (West Side) and Arbour Square to Commercial Road. Set down in Commercial Road (1866 - Arbour Square, Last Stop on LOR: 1866 - Arbour Square) and pick up in Commercial Road (881 - Exmouth Estate, First Stop on LOR: 881 - Exmouth Estate).

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:	Stepney, Arbour Square.

## **ALDGATE**

### From Crossharbour, Asda.

Buses proceed from Whitechapel High Street via Aldgate High Street, Minories, Aldgate Bus Station and Aldgate High Street departing to Whitechapel High Street. Set down in Whitechapel High Street, at Stop J (BP5244 - Aldgate East Station <>, Last Stop on LOR: BP5244 - Aldgate East Station <>) and pick up in Whitechapel High Street, at Stop G (33431 - Aldgate East Station <>, First Stop on LOR: BP6052 - Aldgate East Station <>).

### From Old Street Station.

Buses proceed from St Botolph Street via Aldgate High Street, Minories, Aldgate Bus Station and Aldgate High Street departing to St Botolph Street. Set down in St Botolph Street, at Stop A (34189 - Aldgate Station <>, Last Stop on LOR: 34190 - St Botolph Street) and pick up in St Botolph Street, at Stop B (34190 - St Botolph Street, First Stop on LOR: BP6391 - Duke's Place).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	<b>Turning Point Only - Buses must not stand</b>
BLIND DISPLAY:	Aldgate.

### **LIVERPOOL STREET, WORSHIP STREET (from Crossharbour, Asda)**

Buses proceed from Bishopsgate via Primrose Street, Appold Street, Worship Street and Norton Folgate departing to Bishopsgate. Set down in Bishopsgate, at Stop H (2114 - Primrose Street, Last Stop on LOR: 2114 - Primrose Street) and pick up in Bishopsgate, at Stop J (2113 - Primrose Street, First Stop on LOR: 2113 - Primrose Street).

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

### **OLD STREET STATION, EAST ROAD**

Public stand for two buses on east side of East Road, commencing at bus stop 36838 and extending 19 metres north.

Buses proceed from Provost Street via Vestry Street and East Road to stand, departing to East Road. Set down in Provost Street, at Stop A (33436 - Moorfields Eye Hospital, Last Stop on LOR: 33436 - Moorfields Eye Hospital) and pick up in East Road, B (36838 - Old Street Station <> #, First Stop on LOR: 36838 - Old Street Station <> #).

AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: No more than 1 bus on Route 135 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: Old Street, Provost Street.

# LONDON BUSES - ROUTE DESCRIPTION

## ROUTE 135: Crossharbour, Asda - Old Street Station

**Date of Structural Change:** 21 May 2022.

**Date of Service Change:** 21 May 2022.

**Reason for Issue:** New Tender - Old Street re-routing included.

### **STREETS TRAVERSED**

**Towards Old Street Station:** Asda Access Road, East Ferry Road, Limeharbour, Marsh Wall, Manchester Road, East Ferry Road, Spindrift Avenue, Westferry Road, Bank Street, Upper Bank Street, Canada Square, The South Colonnade, Cabot Square, West India Avenue, Westferry Circus (Upper Level), Westferry Road, Trinidad Street, Salter Street, West India Dock Road, Commercial Road, Whitechapel High Street, St Botolph Street, Duke's Place, Bevis Marks, Camomile Street, Bishopsgate, Norton Folgate, Shoreditch High Street, Great Eastern Street, Old Street, City Road, Provost Street.

**Towards Crossharbour, Asda:** East Road, City Road, Old Street, Great Eastern Street, Holywell Lane, Shoreditch High Street, Norton Folgate, Bishopsgate, Camomile Street, Outwich Street, Houndsditch, St Botolph Street, Middlesex Street, Whitechapel High Street, Commercial Road, West India Dock Road, Westferry Road, Westferry Circus (Upper Level), West India Avenue, Cabot Square, The North Colonnade, Canada Square, Upper Bank Street, Bank Street, Westferry Road, Spindrift Avenue, East Ferry Road, Manchester Road, Marsh Wall, Limeharbour, East Ferry Road, Asda Access Road.

## **AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS**

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

### **CROSSHARBOUR, ASDA**

Private stand for 5 buses in marked bays in Asda car park.

Additional overflow stand for 2 buses on west side of East Ferry Road, between entrance and exit of Asda store.

Buses proceed from Asda Access Road direct to stand, departing to Asda Access Road. Set down in Asda Access Road, at Alighting point (OC673 - Isle Of Dogs Asda, Last Stop on LOR: OC673 - Isle Of Dogs Asda) and pick up in Asda Access Road, at Stop CE (R0752 - Crossharbour Asda, First Stop on LOR: R0752 - Crossharbour Asda).

AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: No more than 2 buses on Route 135 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: Crossharbour, Asda.

### **CUBITT TOWN (from OLD STREET STATION)**

Buses proceed from Manchester Road departing to Manchester Road. Set down in Manchester Road, at stop M (15156 - Stewart Street, Last Stop on LOR: 15156 - Stewart Street) and pick up in Manchester Road, at stop J (15157 - Stewart Street, First Stop on LOR: 15157 - Stewart Street).

AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: **Turning Point Only - Buses must not stand**  
BLIND DISPLAY: Isle of Dogs, Cubitt Town.

### **CANARY WHARF, TRAFALGAR WAY (from OLD STREET STATION)**

Public stand for up to two buses on southbound carriageway of Trafalgar Way, 149 metres south of Broadwalk Place and 204 metres north of Cartier Circle.

Buses proceed from Canada Square via The North Colonnade, Churchill Place, Cartier Circle and Trafalgar Way to stand, departing via Trafalgar Way, Cartier Circle, Churchill Place and The South Colonnade to Canada Square. Set down in Canada Square, at Stop H (BP3588 - Canada Square North and pick up in Canada Square, at Stop J (R0314 - Canada Square South).

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: Canary Wharf.

## **LIMEHOUSE, BURDETT ROAD**

Private stand for two buses in bus station at the junction of East India Dock Road and Burdett Road, commencing 20 metres east of eastern kerblines of Burdett Road and extending 30 metres south.

### From Crossharbour, Asda.

Buses proceed from West India Dock Road via East India Dock Road and Limehouse Bus Station to stand, departing via Limehouse Bus Station and Burdett Road to West India Dock Road. Set down in West India Dock Road, at Stop WM (BP107 - Limehouse Police Station, Last Stop on LOR: BP107 - Limehouse Police Station) and pick up in West India Dock Road, at Stop WU (36875 - Limehouse Police Station, First Stop on LOR: 36875 - Limehouse Police Station).

### From Old Street Station.

Buses proceed from Commercial Road via East India Dock Road and Limehouse Bus Station to stand, departing via Limehouse Bus Station and Burdett Road to Commercial Road. Set down in Commercial Road, at Stop LE (887 - Burdett Road, Last Stop on LOR: 887 - Burdett Road) and pick up in Commercial Road, at Stop LH (1689 - Limehouse Town Hall, First Stop on LOR: 1689 - Limehouse Town Hall).

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



## **STEPNEY, ARBOUR SQUARE**

Public stand for two buses (one in each of two sections) on east side of Arbour Square facing north.

### From Crossharbour, Asda.

Buses proceed from Commercial Road via Arbour Square (East) and Arbour Square (East Side) to stand, departing via Arbour Square (East Side), Arbour Square (North Side), Arbour Square (West Side) and Arbour Square to Commercial Road. Set down in Commercial Road, at Stop LM (1865 - Marion Richardson School, Last Stop on LOR: 1865 - Marion Richardson School) and pick up in Commercial Road (1866 - Arbour Square, First Stop on LOR: 1866 - Arbour Square).

### From Old Street Station.

Buses proceed from Commercial Road via Arbour Square (East) and Arbour Square (East Side) to stand, departing via Arbour Square (East Side), Arbour Square (North Side), Arbour Square (West Side) and Arbour Square to Commercial Road. Set down in Commercial Road (1866 - Arbour Square, Last Stop on LOR: 1866 - Arbour Square) and pick up in Commercial Road (881 - Exmouth Estate, First Stop on LOR: 881 - Exmouth Estate).

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:	Stepney, Arbour Square.

## **ALDGATE**

### From Crossharbour, Asda.

Buses proceed from Whitechapel High Street via Aldgate High Street, Minories, Aldgate Bus Station and Aldgate High Street departing to Whitechapel High Street. Set down in Whitechapel High Street, at Stop J (BP5244 - Aldgate East Station <>, Last Stop on LOR: 33436 - Moorfields Eye Hospital) and pick up in Whitechapel High Street, at Stop G (33431 - Aldgate East Station <>, First Stop on LOR: BP6052 - Aldgate East Station <>).

### From Old Street Station.

Buses proceed from St Botolph Street via Aldgate High Street, Minories, Aldgate Bus Station and Aldgate High Street departing to St Botolph Street. Set down in St Botolph Street, at Stop A (34189 - Aldgate Station <>, Last Stop on LOR: 34190 - St Botolph Street) and pick up in St Botolph Street, at Stop B (34190 - St Botolph Street, First Stop on LOR: BP6391 - Duke's Place).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	<b>Turning Point Only - Buses must not stand</b>
BLIND DISPLAY:	Aldgate.

### **LIVERPOOL STREET, WORSHIP STREET (from Crossharbour, Asda)**

Buses proceed from Bishopsgate via Primrose Street, Appold Street, Worship Street and Norton Folgate departing to Bishopsgate. Set down in Bishopsgate, at Stop H (2114 - Primrose Street, Last Stop on LOR: 2114 - Primrose Street) and pick up in Bishopsgate, at Stop J (2113 - Primrose Street, First Stop on LOR: 2113 - Primrose Street).

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

### **OLD STREET STATION, EAST ROAD**

Public stand for two buses on east side of East Road, commencing at bus stop 36838 and extending 19 metres north.

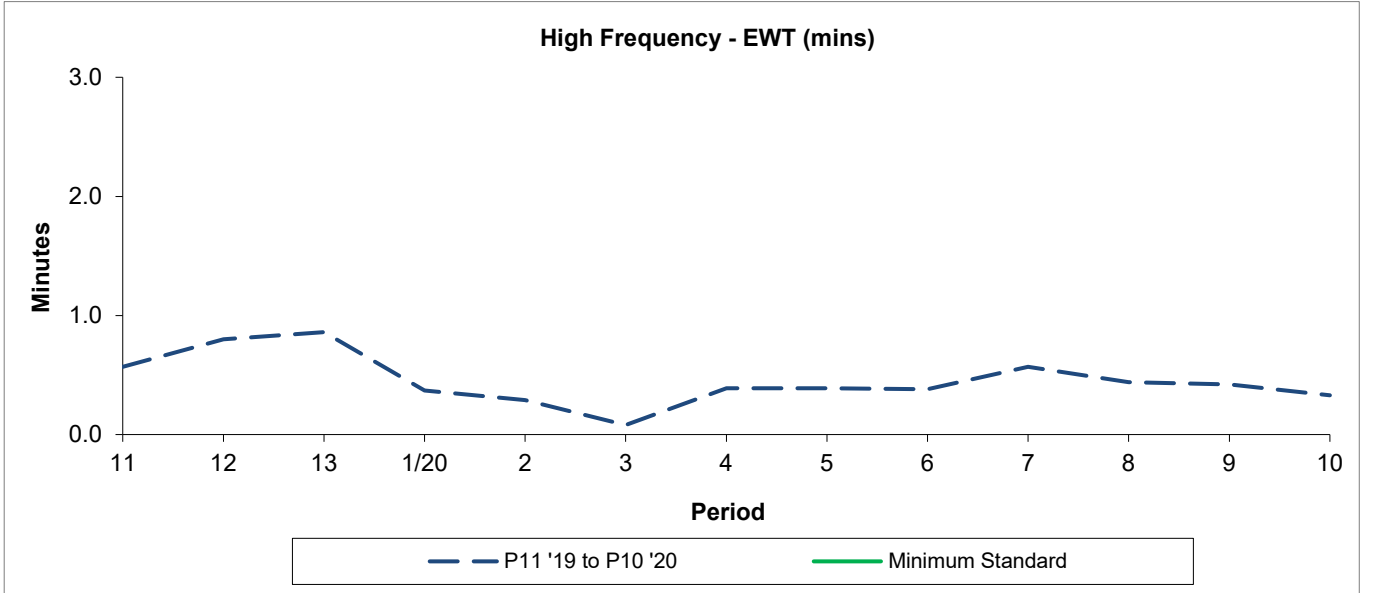
Buses proceed from Provost Street via Vestry Street and East Road to stand, departing to East Road. Set down in Provost Street, at Stop A (33436 - Moorfields Eye Hospital, Last Stop on LOR: 33436 - Moorfields Eye Hospital) and pick up in East Road, B (36838 - Old Street Station <> #, First Stop on LOR: 36838 - Old Street Station <> #).

AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: No more than 1 bus on Route 135 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: Old Street, Provost Street.

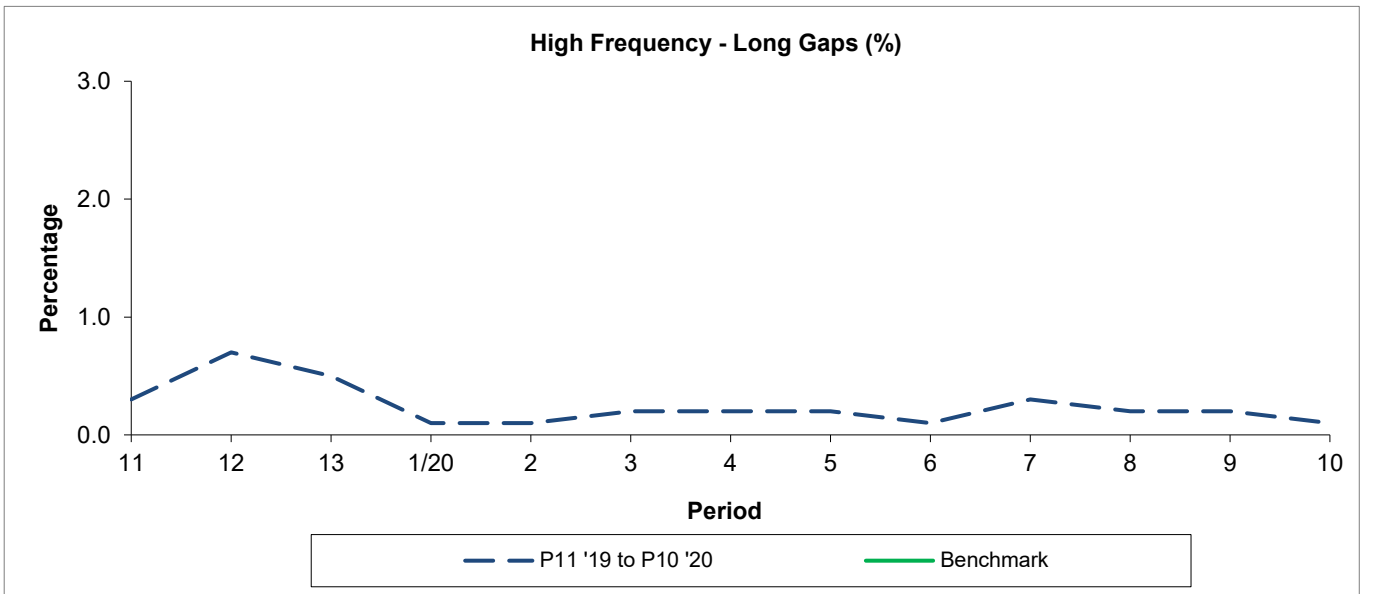
Period Trend Performance Graphs

# Route 135

**Reliability Performance**



Period	11	12	13	1/20	2	3	4	5	6	7	8	9	10
P11 '19 to P10 '20	0.57	0.80	0.86	0.37	0.29	0.08	0.39	0.39	0.38	0.57	0.44	0.42	0.33
Minimum Standard													



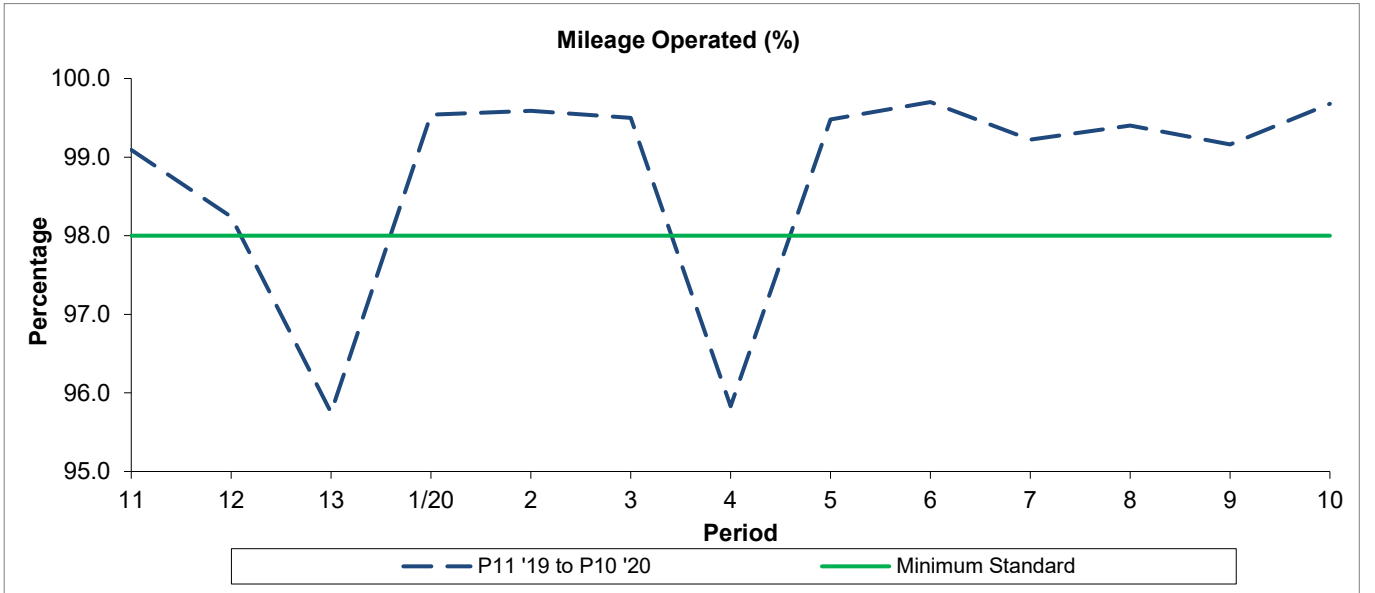
Period	11	12	13	1/20	2	3	4	5	6	7	8	9	10
P11 '19 to P10 '20	0.30	0.70	0.50	0.10	0.10	0.20	0.20	0.20	0.10	0.30	0.20	0.20	0.10
Benchmark													

Minimum Standards and Benchmarks are those applicable under the new contract.

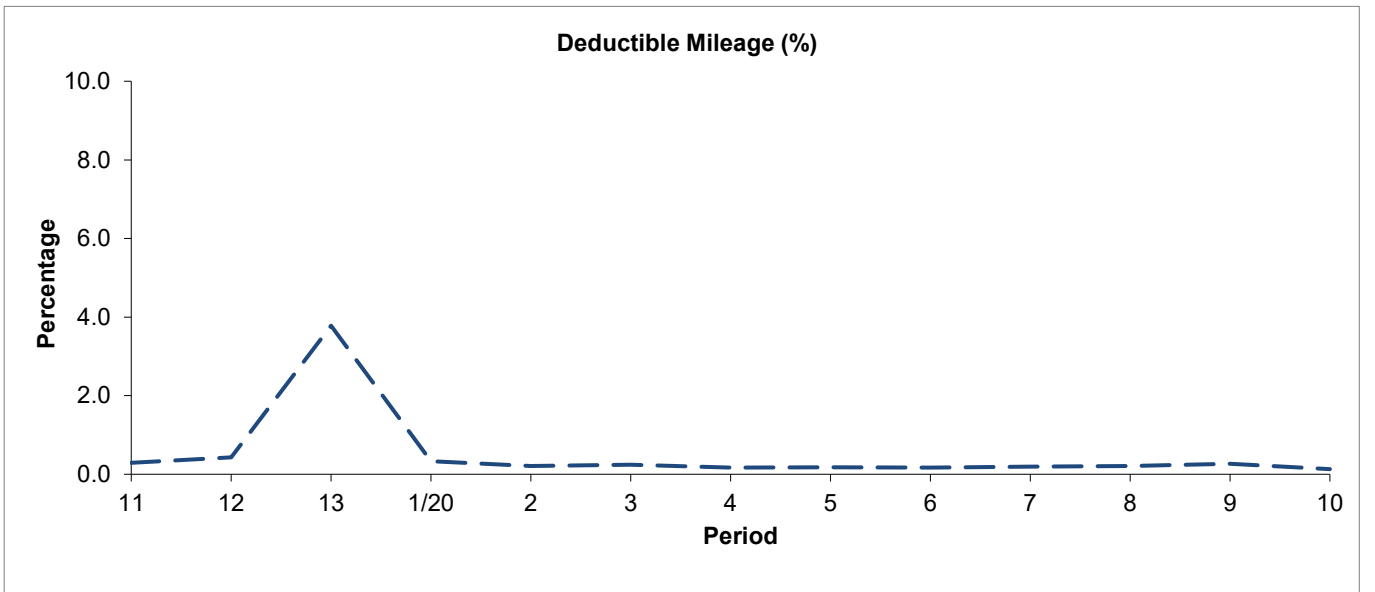
Period Trend Performance Graphs

# Route 135

**Mileage Performance**



Period	11	12	13	1/20	2	3	4	5	6	7	8	9	10
P11 '19 to P10 '20	99.09	98.24	95.75	99.54	99.59	99.50	95.83	99.48	99.70	99.22	99.40	99.16	99.68
Minimum 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

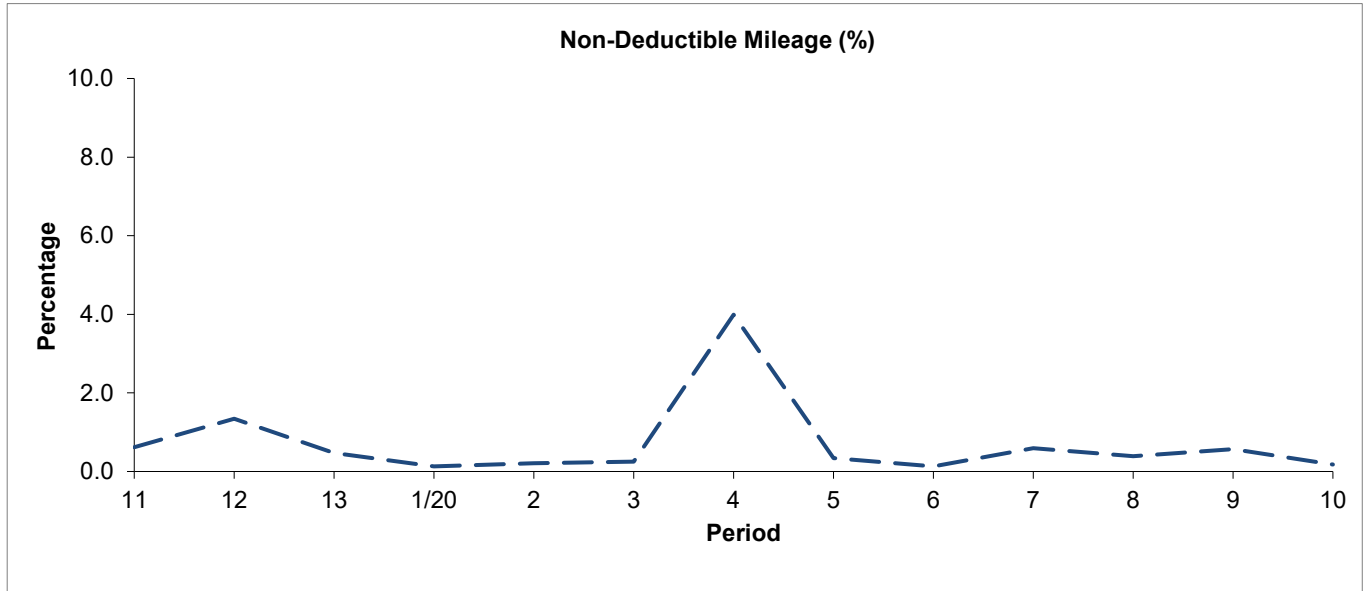


Period	11	12	13	1/20	2	3	4	5	6	7	8	9	10
P11 '19 to P10 '20	0.29	0.43	3.78	0.33	0.21	0.24	0.17	0.18	0.17	0.19	0.21	0.27	0.13

Period Trend Performance Graphs

# Route 135

Mileage Performance



Period	11	12	13	1/20	2	3	4	5	6	7	8	9	10
P11 '19 to P10 '20	0.62	1.34	0.47	0.13	0.21	0.25	3.99	0.34	0.13	0.59	0.39	0.57	0.18

Mileage Performance figures are based on four weeks data

**ROUTE 135 - FULL iBUS RESULTS BY TIME OF DAY**  
**QUARTERS 04/19 to 03/20 (04/01/2020 to 08/01/2021)**

**MONDAY - FRIDAY**

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	AWT (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
05:00 - 07:00	32,549	31,854	97.9	7.50	0.46	7.96	72.3	24.6	2.8	0.3	0.2	58.5
07:00 - 10:00	64,563	65,644	101.7	5.79	0.42	6.21	82.1	16.7	1.1	0.1	0.3	51.4
10:00 - 13:00	61,376	61,856	100.8	5.93	0.38	6.31	80.4	19.0	0.6	0.0	0.2	55.0
13:00 - 16:00	61,143	60,922	99.6	5.98	0.48	6.46	79.4	19.9	0.7	0.0	0.2	49.4
16:00 - 19:00	62,480	62,316	99.7	5.89	0.50	6.39	80.1	19.1	0.7	0.1	0.3	53.3
19:00 - 22:00	59,331	57,952	97.7	5.98	0.61	6.59	77.1	22.2	0.7	0.1	0.4	44.2
22:00 - 24:00	32,633	32,070	98.3	7.27	0.57	7.84	66.2	32.0	1.6	0.2	0.3	77.4
<b>All Locations Summary</b>	<b>374,075</b>	<b>372,614</b>	<b>99.6</b>	<b>6.02</b>	<b>0.47</b>	<b>6.49</b>	<b>79.2</b>	<b>19.8</b>	<b>0.9</b>	<b>0.1</b>	<b>0.3</b>	<b>77.4</b>

**SATURDAY**

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	AWT (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
05:00 - 07:00	4,685	4,629	98.8	9.52	0.53	10.05	57.7	36.6	5.1	0.6	0.7	48.3
07:00 - 10:00	11,766	11,807	100.3	6.21	0.37	6.58	80.0	19.0	1.0	0.1	0.2	46.1
10:00 - 13:00	12,338	12,207	98.9	6.00	0.41	6.41	79.6	19.9	0.5	0.0	0.1	34.1
13:00 - 16:00	12,429	12,313	99.1	6.04	0.47	6.50	79.0	20.5	0.5	0.1	0.2	43.2
16:00 - 19:00	12,524	12,331	98.5	5.98	0.49	6.47	79.0	20.5	0.5	0.0	0.2	43.4
19:00 - 22:00	10,579	10,421	98.5	6.79	0.63	7.42	69.4	29.0	1.4	0.2	0.6	49.6
22:00 - 24:00	6,527	6,471	99.1	7.47	0.48	7.95	65.7	32.7	1.5	0.1	0.1	48.6
<b>All Locations Summary</b>	<b>70,848</b>	<b>70,179</b>	<b>99.1</b>	<b>6.31</b>	<b>0.47</b>	<b>6.79</b>	<b>76.6</b>	<b>22.5</b>	<b>0.9</b>	<b>0.1</b>	<b>0.3</b>	<b>49.6</b>

**SUNDAY AND BANK HOLIDAYS**

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	AWT (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
05:00 - 07:00	3,369	3,355	99.6	10.00	0.18	10.18	61.2	33.5	4.7	0.5	3.1	60.7
07:00 - 10:00	9,659	9,680	100.2	8.42	0.35	8.76	62.0	35.2	2.6	0.2	0.0	58.2
10:00 - 13:00	10,612	10,675	100.6	7.77	0.18	7.95	64.2	34.7	1.0	0.0	0.0	36.1
13:00 - 16:00	10,399	10,413	100.1	7.97	0.27	8.24	62.6	35.9	1.4	0.1	0.0	39.9
16:00 - 19:00	10,567	10,490	99.3	7.73	0.48	8.21	63.4	35.1	1.4	0.1	0.1	43.5
19:00 - 22:00	11,453	11,262	98.3	7.42	0.35	7.77	66.4	32.5	0.9	0.1	0.1	37.1
22:00 - 24:00	7,490	7,483	99.9	7.46	0.32	7.77	66.2	33.0	0.8	0.0	0.0	34.5
<b>All Locations Summary</b>	<b>63,549</b>	<b>63,358</b>	<b>99.7</b>	<b>7.87</b>	<b>0.32</b>	<b>8.19</b>	<b>63.8</b>	<b>34.7</b>	<b>1.4</b>	<b>0.1</b>	<b>0.1</b>	<b>60.7</b>

**ALL DAYS**

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	AWT (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
05:00 - 07:00	40,603	39,838	98.1	7.87	0.45	8.32	70.1	26.4	3.2	0.3	0.5	60.7
07:00 - 10:00	85,988	87,131	101.3	5.96	0.41	6.37	80.9	17.9	1.1	0.1	0.3	58.2
10:00 - 13:00	84,326	84,738	100.5	6.17	0.36	6.53	78.3	21.1	0.6	0.0	0.2	55.0
13:00 - 16:00	83,971	83,648	99.6	6.22	0.46	6.68	77.3	21.9	0.8	0.0	0.2	49.4
16:00 - 19:00	85,571	85,137	99.5	6.08	0.50	6.58	78.3	20.8	0.8	0.1	0.3	53.3
19:00 - 22:00	81,363	79,635	97.9	6.26	0.58	6.85	74.7	24.4	0.8	0.1	0.4	49.6
22:00 - 24:00	46,650	46,024	98.7	7.32	0.52	7.85	66.1	32.2	1.5	0.2	0.2	77.4
<b>All Locations Summary</b>	<b>508,472</b>	<b>506,151</b>	<b>99.5</b>	<b>6.24</b>	<b>0.46</b>	<b>6.70</b>	<b>77.3</b>	<b>21.6</b>	<b>0.9</b>	<b>0.1</b>	<b>0.3</b>	<b>77.4</b>

## Transport for London - Live Mileage List

Route: 135

Service Change: 58205

Date: 17/04/21

Crossharbour, A Provost Street/Olc
<b>Reason for Issue</b>

QSI points are highlighted.

OUT DIRECTION					
Timing Point	Code	Stop Number	Stop Name	Metres	Miles
	CHBRAS	R0752	Crossharbour Asda		
		37148	Crossharbour Station	246	0.15
		37146	Harbour Exchange Square	287	0.18
		37143	Jack Dash House	355	0.22
	CUBTQU	15157	Stewart Street	106	0.07
		15159	St John's Park	251	0.16
		15160	Cubitt Town School	293	0.18
		16349	Pier Street	264	0.16
		16348	Isle Of Dogs Police Station	335	0.21
	IGNSSN	16347	Island Gardens Station	300	0.19
		15143	East Ferry Road	212	0.13
		BP2335	Mudchute Station / Spindrif Ave	316	0.20
		BP2336	Telegraph Place	429	0.27
		15137	St Edmund's School	449	0.28
		15135	Crews Street	199	0.12
	MILLDB	559	Arnhem Wharf Primary School	220	0.14
		15133	Sir John Mcdougal Gardens	249	0.15
		15131	Barkantine Clinic / Hutchings Street	136	0.08
	WFRYBS	3201	Byng Street	225	0.14
		15129	Marsh Wall / Heron Quay	221	0.14
		BP4194	Canary Wharf Station	805	0.50
		R0314	Canada Square South	319	0.20
	CNWFSN	BP2355	Canary Wharf Station	157	0.10
		LE190	West India Avenue	289	0.18
		LE193	Westferry Circus / Canary Wharf Pier	148	0.09
		BP1231	Westferry Station	454	0.28
		BP638	Salter Street	108	0.07
	LIMEBR	BP107	Limehouse Police Station	159	0.10
		1689	Limehouse Town Hall	275	0.17
		1867	Lowell Street	230	0.14
	LIMESN	BP081	Limehouse Station	426	0.26
		885	Stepney Methodist Church	218	0.14
		1865	Marion Richardson School	179	0.11
		881	Exmouth Estate	244	0.15
		879	St Mary's & St Michael's Church	236	0.15
		1863	Watney Market	314	0.20
	CMRDNR	877	New Road	273	0.17
		20401	London Metropolitan University	296	0.18
	ALDGSN	BP5244	Aldgate East Station	616	0.38
		BP6391	Duke's Place	444	0.28
	LVSTBG	768	Liverpool Street Station	448	0.28
		2114	Primrose Street	304	0.19
		19259	Shoreditch High Street Station	230	0.14
		14689	Curtain Road	294	0.18
		14687	Ravey Street	245	0.15
		13476	Old Street Station	286	0.18
		188	Old Street Roundabout	279	0.17
	OLSTPS	33436	Moorfields Eye Hospital	197	0.12
Total Route Mileage - Out Direction				13566	8.43
				Metres	Miles

Asda - Old Street Station, Old Street Station, East Road	
<b>Re-routed northbound via Bank Street</b>	

BACK DIRECTION				
Timing Point				
Code	Stop Number	Stop Name	Metres	Miles
OLSTER	36838	Old Street Station		
	13477	Shoreditch Fire Station	252	0.16
	BP5094	Pitfield Street	229	0.14
	BP5095	Shoreditch High Street Station	312	0.19
	20803	Commercial Street / Worship Street	413	0.26
	2113	Primrose Street	249	0.15
LVSTBG	2116	Liverpool Street Station	229	0.14
ALDGSN	34190	St Botolph Street	777	0.48
	BP6052	Aldgate East Station	397	0.25
	1858	London Metropolitan University	269	0.17
CMRDNR	4824	New Road	276	0.17
	1864	Watney Market	464	0.29
	882	St Mary's & St Michael's Church	263	0.16
	1866	Arbour Square	315	0.20
	884	Stepney Methodist Church	231	0.14
LIMESN	886	Limehouse Station	335	0.21
	1868	Lowell Street	379	0.24
	1869	Salmon Lane	152	0.09
LIMEBR	887	Burdett Road	184	0.11
	36875	Limehouse Police Station	232	0.14
	15128	Westferry Station	345	0.21
	LE186	West India Avenue	495	0.31
CNWFSN	R0315	Canary Wharf Station	295	0.18
	BP4195	Canary Wharf Station	676	0.42
	15130	Marsh Wall / Heron Quay	542	0.34
WFRYCS	3200	Cuba Street	197	0.12
	15132	Barkantine Clinic / Hutchings Street	269	0.17
	15134	Sir John Mcdougal Gardens	257	0.16
MILLDB	13418	Arnhem Wharf Primary School	264	0.16
	15136	Crews Street / The Space Theatre	240	0.15
	15138	St Edmund's School	231	0.14
	BP2357	Telegraph Place	275	0.17
	BP2449	Mudchute Station	356	0.22
	36868	Millwall Park	235	0.15
IGNSSN	BP1802	Island Gardens Station	408	0.25
	15144	George Green's School	156	0.10
	15162	Isle Of Dogs Police Station	278	0.17
	15161	Pier Street	250	0.16
	1684	Cubitt Town School	297	0.18
	15158	St John's Park	340	0.21
CUBTQU	15156	Stewart Street	144	0.09
	37144	Jack Dash House	236	0.15
	37145	Harbour Exchange Square	161	0.10
	37147	East Ferry Road	176	0.11
	FC08	Crossharbour Station	248	0.15
CHBRAS	OC673	Isle Of Dogs Asda	145	0.09
Total Route Mileage - Back Direction			13474	8.37
			Metres	Miles



## Transport for London - Live Mileage List

Route: 135

Service Change: 58205

Date: 17/04/21

Crossharbour, A  
Provost Street/Olc

Reason for Issue

QSI points are highlighted.

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
CHBRAS	R0752	Crossharbour Asda		
	37148	Crossharbour Station	246	0.15
	37146	Harbour Exchange Square	287	0.18
	37143	Jack Dash House	355	0.22
CUBTQU	15157	Stewart Street	106	0.07
	15159	St John's Park	251	0.16
	15160	Cubitt Town School	293	0.18
	16349	Pier Street	264	0.16
	16348	Isle Of Dogs Police Station	335	0.21
IGNSSN	16347	Island Gardens Station	300	0.19
	15143	East Ferry Road	212	0.13
	BP2335	Mudchute Station / Spindrift Ave	316	0.20
	BP2336	Telegraph Place	429	0.27
	15137	St Edmund's School	449	0.28
	15135	Crews Street	199	0.12
MILLDB	559	Arnhem Wharf Primary School	220	0.14
	15133	Sir John Mcdougal Gardens	249	0.15
	15131	Barkantine Clinic / Hutchings Street	136	0.08
WFRYBS	3201	Byng Street	225	0.14
	15129	Marsh Wall / Heron Quay	221	0.14
	BP4194	Canary Wharf Station	805	0.50
	R0314	Canada Square South	319	0.20
CNWFSN	BP2355	Canary Wharf Station	157	0.10
	LE190	West India Avenue	289	0.18
	LE193	Westferry Circus / Canary Wharf Pier	148	0.09
	BP1231	Westferry Station	454	0.28
	BP638	Salter Street	108	0.07
LIMEBR	BP107	Limehouse Police Station	159	0.10
	1689	Limehouse Town Hall	275	0.17
	1867	Lowell Street	230	0.14
LIMESN	BP081	Limehouse Station	426	0.26
	885	Stepney Methodist Church	218	0.14
	1865	Marion Richardson School	179	0.11
	881	Exmouth Estate	244	0.15
	879	St Mary's & St Michael's Church	236	0.15
	1863	Watney Market	314	0.20
CMRDNR	877	New Road	273	0.17
	20401	London Metropolitan University	296	0.18
ALDGSN	BP5244	Aldgate East Station	616	0.38
	BP6391	Duke's Place	444	0.28
LVSTBG	768	Liverpool Street Station	448	0.28
	2114	Primrose Street	304	0.19
	19259	Shoreditch High Street Station	230	0.14
	14689	Curtain Road	294	0.18
	14687	Ravey Street	245	0.15
	13476	Old Street Station	221	0.14
	188	Old Street Roundabout	242	0.15
OLSTPS	33436	Moorfields Eye Hospital	279	0.17
Total Route Mileage - Out Direction			13546	8.42
			Metres	Miles

Mileage in red font is a planning estimates & not an ibus calculation

MILEAGES TO BE CONFIRMED

Bus stop number 13476 will be re-located eastward on Old Street

Asda - Old Street Station, Old Street Station, East Road	<b>Re-routed at Old Street</b>
<b>Re-routed northbound via Bank Street</b>	

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
OLSTER	36838	Old Street Station		
	13477	Shoreditch Fire Station	252	0.16
	BP5094	Pitfield Street	229	0.14
	BP5095	Shoreditch High Street Station	312	0.19
	20803	Commercial Street / Worship Street	413	0.26
	2113	Primrose Street	249	0.15
LVSTBG	2116	Liverpool Street Station	229	0.14
ALDGSN	34190	St Botolph Street	777	0.48
	BP6052	Aldgate East Station	397	0.25
	1858	London Metropolitan University	269	0.17
CMRDNR	4824	New Road	276	0.17
	1864	Watney Market	464	0.29
	882	St Mary's & St Michael's Church	263	0.16
	1866	Arbour Square	315	0.20
	884	Stepney Methodist Church	231	0.14
LIMESN	886	Limehouse Station	335	0.21
	1868	Lowell Street	379	0.24
	1869	Salmon Lane	152	0.09
LIMEBR	887	Burdett Road	184	0.11
	36875	Limehouse Police Station	232	0.14
	15128	Westferry Station	345	0.21
	LE186	West India Avenue	495	0.31
CNWFSN	R0315	Canary Wharf Station	295	0.18
	BP4195	Canary Wharf Station	676	0.42
	15130	Marsh Wall / Heron Quay	542	0.34
WFRYCS	3200	Cuba Street	197	0.12
	15132	Barkantine Clinic / Hutchings Street	269	0.17
	15134	Sir John Mcdougal Gardens	257	0.16
MILLDB	13418	Arnhem Wharf Primary School	264	0.16
	15136	Crews Street / The Space Theatre	240	0.15
	15138	St Edmund's School	231	0.14
	BP2357	Telegraph Place	275	0.17
	BP2449	Mudchute Station	356	0.22
	36868	Millwall Park	235	0.15
IGNSSN	BP1802	Island Gardens Station	408	0.25
	15144	George Green's School	156	0.10
	15162	Isle Of Dogs Police Station	278	0.17
	15161	Pier Street	250	0.16
	1684	Cubitt Town School	297	0.18
	15158	St John's Park	340	0.21
CUBTQU	15156	Stewart Street	144	0.09
	37144	Jack Dash House	236	0.15
	37145	Harbour Exchange Square	161	0.10
	37147	East Ferry Road	176	0.11
	FC08	Crossharbour Station	248	0.15
CHBRAS	OC673	Isle Of Dogs Asda	145	0.09
Total Route Mileage - Back Direction			13474	8.37
			Metres	Miles

**MILEAGES TO BE CONFIRMED**

Change to mileage will be nil or negligible

## 7. Service Specification

Route: 135

Contract Reference: QC47901

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.

<b>Terminus Points</b>	Crossharbour, Asda and Old Street Station
<b>Contract Basis</b>	Incentivised
<b>Commencement Date</b>	23 <sup>rd</sup> May 2015
<b>Vehicle Type</b>	87 capacity, dual door, double deck buses <b>OR</b> New Bus for London (NBfL), subject to a satisfactory route test (see attached letter and lease)
<b>Current Maximum Approved Dimensions</b>	10.1 metres long and 2.55 metres wide
<b>New Vehicles Mandatory</b>	Yes
<b>Hybrid Price Required</b>	Yes
<b>Sponsored Route</b>	No
<b>Advertising Rights</b>	Operator
<b>Minimum Performance Standard</b>	Average Excess Waiting Time - No more than 1.00 minutes
<b>Extension Threshold</b>	Average Excess Waiting Time Threshold - 0.85 minutes
<b>Minimum Operated Mileage Standard</b>	No less than 98.00%

The Date of Tender for this ITT is: No later than 12 Noon on Monday 28<sup>th</sup> July 2014

*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 AND 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. 135.

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:

- The City of London is proposing removing the gyratory at Aldgate. Works are expected to commence in June 2014 and implementation is in November 2017. Details will be discussed with the successful Tenderer.
- **Please see Section 5 for a full list of streets traversed and standing arrangements.**

**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. **NBfL with one person (OPO) at all times.**

***All tender prices should be based on the gross fuel cost exclusive of BSOG payments which will not be claimable from DfT after 1<sup>st</sup> October 2013.***

**Tenderers should note that if they are supplying an alternative price based on using existing vehicles, these must be refurbished in line with the revised specification dated 1st March 2014. This applies to all contracts awarded from Tranche 471 onwards.**

**Cash Free Boarding will be 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.**

### 3) SCHEDULE REQUIREMENTS & PINCHPOINTS

#### 3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Crossharbour, Asda to Old Street Station, Provost Street			Old Street Station, East Road to Crossharbour, Asda		
First bus no later than 0445.			First bus no later than 0425.		
0440 - 0545	Every 20 minutes		0420 - 0545	Every 20 minutes	
0546 - 0610	Every 12 minutes		0546 - 0620	Every 12 minutes	
0611 - 0800	Every 10 minutes		0621 - 2030	Every 10 minutes	
0801 - 0900	Every 8-9 minutes (7 buses per hour)		2031 - 2150	Every 12 minutes	
0901 - 1920	Every 10 minutes		2151 - 0055	Every 15 minutes	
1921 - 2110	Every 12 minutes				
2111 - 0100	Every 15 minutes				
Last bus no earlier than 0055.			Last bus no earlier than 0050.		
<b>Pinchpoints</b>					
Aldgate Station	0710 - 0840	10 minutes	Canary Wharf Station	0705 - 0835	10 minutes
	0841 - 0910	9 minutes		1505 - 1635	10 minutes
	1505 - 1635	10 minutes			

#### 3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Crossharbour, Asda to Old Street Station, Provost Street			Old Street Station, East Road to Crossharbour, Asda		
First bus no later than 0445.			First bus no later than 0425.		
0440 - 0645	Every 20 minutes		0420 - 0625	Every 20 minutes	
0646 - 0710	Every 12 minutes		0626 - 0725	Every 12 minutes	
0711 - 1820	Every 10 minutes		0726 - 1945	Every 10 minutes	
1821 - 1910	Every 12 minutes		1946 - 2020	Every 12 minutes	
1911 - 0100	Every 15 minutes		2021 - 0055	Every 15 minutes	
Last bus no earlier than 0055.			Last bus no earlier than 0050.		
<b>Pinchpoints</b>					
Aldgate Station	0930 - 1100	10 minutes	Canary Wharf Station	0935 - 1105	10 minutes

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

Crossharbour, Asda to Old Street Station, Provost Street			Old Street Station, East Road to Crossharbour, Asda		
First bus no later than 0545.			First bus no later than 0545.		
0540 - 0745	Every 20 minutes		0540 - 0845	Every 20 minutes	
0746 - 0100	Every 15 minutes		0846 - 0055	Every 15 minutes	
Last bus no earlier than 0055.			Last bus no earlier than 0050.		
<b>Pinchpoints</b>					
Aldgate Station	1025 - 1125	15 minutes	Canary Wharf Station	1035 - 1135	15 minutes

#### **4) OPERATIONAL CONSIDERATIONS**

- 4.1) Route No. 135 should be separated from Route No. D7 between Millwall Dock Bridge and West India Dock Road (Limehouse) during all periods.
- 4.2) Route No. 135 should interwork with Route No. D3 between Millwall Dock Bridge and Limehouse Station during Mondays to Sundays daytimes and be separated during evenings.
- 4.3) Route No. 135 can suffer from unpredictable traffic delays in the Limehouse and Aldgate areas.
- 4.4) Crossharbour, Asda is to be re-developed. This may affect stop and stand arrangements but buses will remain on-site and adequate stop and stand capacity provided in any re-development. Timescales are not presently known.
- 4.5) The Millennium Quarter is the area of the Isle of Dogs around South Quay DLR Station. Developers propose construction of large scale residential accommodation. This development will have a significant impact on travel patterns in the area.
- 4.6) 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 No. 135 and it is anticipated that some passenger demand for Route No. 135 may shift to this line when it opens. Route No. 135 will be reviewed closer to the opening date.

#### **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 135: Crossharbour, Asda - Old Street Station

**Date of Structural Change:** 23 May 2015.

**Date of Service Change:** 23 May 2015.

**Reason for Issue:** New Tender.

### **STREETS TRAVERSED**

**Towards Old Street Station:** Asda Access Road, East Ferry Road, Westferry Road, Heron Quay, Bank Street, Upper Bank Street, Canada Square, The South Colonnade, Cabot Square, West India Avenue, Westferry Circus (Upper Level), Westferry Road, Trinidad Street, Salter Street, West India Dock Road, Commercial Road, Whitechapel High Street, St Botolph Street, Duke's Place, Bevis Marks, Camomile Street, Bishopsgate, Norton Folgate, Shoreditch High Street, Great Eastern Street, Old Street, Old Street Roundabout, City Road, Provost Street.

**Towards Crossharbour, Asda:** East Road, City Road, Old Street Roundabout, Old Street, Great Eastern Street, Holywell Lane, Shoreditch High Street, Norton Folgate, Bishopsgate, Camomile Street, Outwich Street, Houndsditch, St Botolph Street, Middlesex Street, Whitechapel High Street, Commercial Road, West India Dock Road, Westferry Road, Westferry Circus (Upper Level), West India Avenue, Cabot Square, The North Colonnade, Canada Square, Upper Bank Street, Bank Street, Heron Quay, Westferry Road, East Ferry Road, Asda Access Road.



## **AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS**

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

### **CROSSHARBOUR, ASDA**

Private stand for 5 buses in marked bays in Asda car park.

Additional overflow stand for 2 buses on west side of East Ferry Road, between entrance and exit of Asda store.

Buses proceed from Asda Access Road direct to stand, departing to Asda Access Road. Set down in Asda Access Road, at Alighting point (OC673 - Isle Of Dogs Asda, Last Stop on LOR: OC673 - Isle Of Dogs Asda) and pick up in Asda Access Road, at Stop CE (R0752 - Crossharbour Asda, First Stop on LOR: R0752 - Crossharbour Asda).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 135 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:	Crossharbour.

### **CANARY WHARF, TRAFALGAR WAY (from OLD STREET STATION)**

Public stand for up to two buses on southbound carriageway of Trafalgar Way, 149 metres south of Broadwalk Place and 204 metres north of Cartier Circle.

Buses proceed from Canada Square via The North Colonnade, Churchill Place, Cartier Circle and Trafalgar Way to stand, departing via Trafalgar Way, Cartier Circle, Churchill Place and The South Colonnade to Canada Square. Set down in Canada Square, at Stop H (BP3588 - Canada Square North and pick up in Canada Square, at Stop J (R0314 - Canada Square South).

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:	Canary Wharf.

## **LIMEHOUSE, BURDETT ROAD**

Private stand for two buses in bus station at the junction of East India Dock Road and Burdett Road, commencing 20 metres east of eastern kerblines of Burdett Road and extending 30 metres south.

### From Crossharbour, Asda.

Buses proceed from West India Dock Road via East India Dock Road and Limehouse Bus Station to stand, departing via Limehouse Bus Station and Burdett Road to West India Dock Road. Set down in West India Dock Road, at Stop WM (BP107 - Limehouse Police Station, Last Stop on LOR: BP107 - Limehouse Police Station) and pick up in West India Dock Road, at Stop WU (36875 - Limehouse Police Station, First Stop on LOR: 36875 - Limehouse Police Station).

### From Old Street Station.

Buses proceed from Commercial Road via East India Dock Road and Limehouse Bus Station to stand, departing via Limehouse Bus Station and Burdett Road to Commercial Road. Set down in Commercial Road, at Stop LE (887 - Burdett Road, Last Stop on LOR: 887 - Burdett Road) and pick up in Commercial Road, at Stop LH (1689 - Limehouse Town Hall, First Stop on LOR: 1689 - Limehouse Town Hall).

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

## **STEPNEY, ARBOUR SQUARE**

Public stand for two buses (one in each of two sections) on east side of Arbour Square facing north.

### From Crossharbour, Asda.

Buses proceed from Commercial Road via Arbour Square (East) and Arbour Square (East Side) to stand, departing via Arbour Square (East Side), Arbour Square (North Side), Arbour Square (West Side) and Arbour Square to Commercial Road. Set down in Commercial Road, at Stop LM (1865 - Marion Richardson School, Last Stop on LOR: 1865 - Marion Richardson School) and pick up in Commercial Road (1866 - Arbour Square, First Stop on LOR: 1866 - Arbour Square).

### From Old Street Station.

Buses proceed from Commercial Road via Arbour Square (East) and Arbour Square (East Side) to stand, departing via Arbour Square (East Side), Arbour Square (North Side), Arbour Square (West Side) and Arbour Square to Commercial Road. Set down in Commercial Road (1866 - Arbour Square, Last Stop on LOR: 1866 - Arbour Square) and pick up in Commercial Road (881 - Exmouth Estate, First Stop on LOR: 881 - Exmouth Estate).

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:	Stepney, Arbour Square.

## **ALDGATE BUS STATION**

Private stand for 16 buses in marked bays in Aldgate Bus Station on south side of Aldgate High Street.

### From Crossharbour, Asda.

Buses proceed from Aldgate High Street via Minories and Aldgate Bus Station to stand, departing via Aldgate Bus Station, Aldgate High Street and Houndsditch to St Botolph Street. Set down in Aldgate High Street, at Stop R (33683 - Aldgate Station <>, Last Stop on LOR: 33683 - Aldgate Station <>) and pick up in St Botolph Street, at Stop B (34190 - St Botolph Street, First Stop on LOR: 34190 - St Botolph Street).

### From Old Street Station.

Buses proceed from St Botolph Street via Aldgate High Street, Minories and Aldgate Bus Station to stand, departing via Aldgate Bus Station and Aldgate High Street to Duke's Place. Set down in St Botolph Street, at Stop B (34190 - St Botolph Street, Last Stop on LOR: 34190 - St Botolph Street) and pick up in Duke's Place, at Stop A (29651 - Duke's 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:	Aldgate.

### **LIVERPOOL STREET, WORSHIP STREET (from Crossharbour, Asda)**

Buses proceed from Bishopsgate via Primrose Street, Appold Street, Worship Street and Norton Folgate departing to Bishopsgate. Set down in Bishopsgate, at Stop H (2114 - Primrose Street, Last Stop on LOR: 2114 - Primrose Street) and pick up in Bishopsgate, at Stop J (2113 - Primrose Street, First Stop on LOR: 2113 - Primrose Street).

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

### **OLD STREET STATION, EAST ROAD**

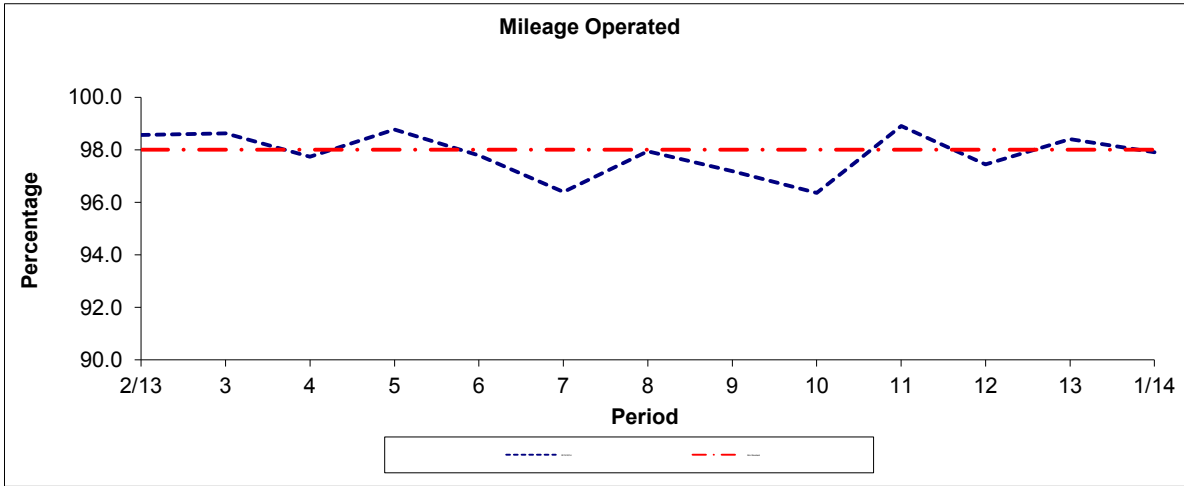
Public stand for two buses on east side of East Road, commencing at bus stop 36838 and extending 19 metres north.

Buses proceed from Provost Street via Vestry Street and East Road to stand, departing to East Road. Set down in Provost Street, at Stop A (33436 - Moorfields Eye Hospital, Last Stop on LOR: 33436 - Moorfields Eye Hospital) and pick up in East Road, B (36838 - Old Street Station <> #, First Stop on LOR: 36838 - Old Street Station <> #).

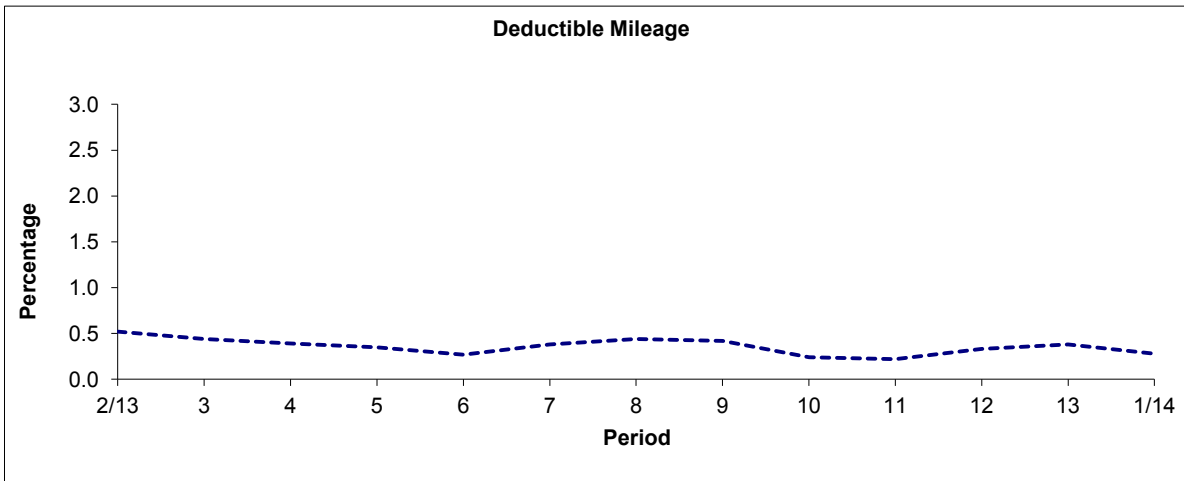
AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: No more than 1 bus on Route 135 should be scheduled to stand at any one time.  
MEAL RELIEFS: No meal relief vehicles to stand at any time.  
FERRY VEHICLES: No ferry vehicles to park on stand at any time.  
BLIND DISPLAY: Old Street Station.

**PART B - PERFORMANCE STATISTICS**

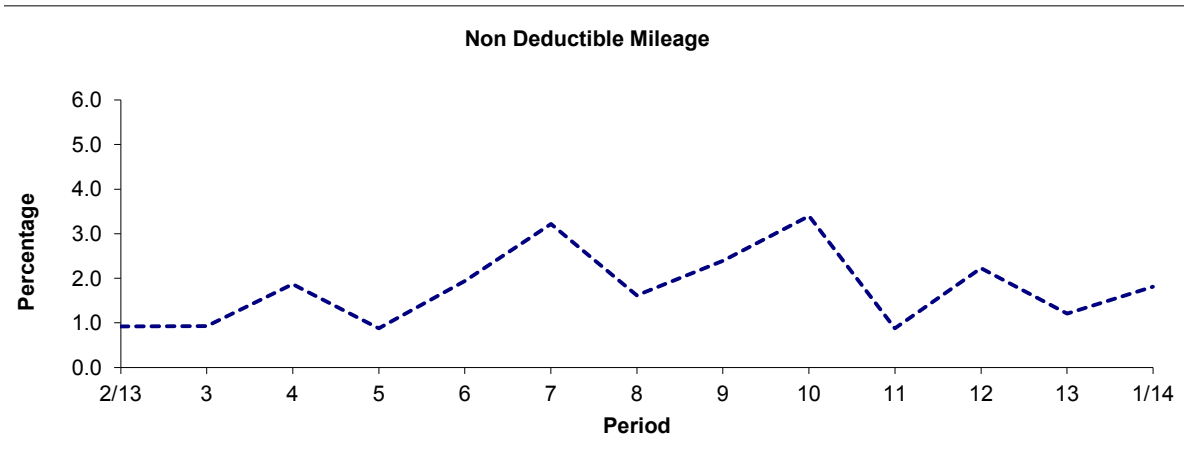
**Route 135**



Period	2/13	3	4	5	6	7	8	9	10	11	12	13	1/14
2013/2014	98.56	98.63	97.74	98.77	97.79	96.40	97.94	97.19	96.36	98.90	97.44	98.41	97.91
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	2/13	3	4	5	6	7	8	9	10	11	12	13	1/14
2013/2014	0.52	0.44	0.39	0.35	0.27	0.38	0.44	0.42	0.24	0.22	0.33	0.38	0.28

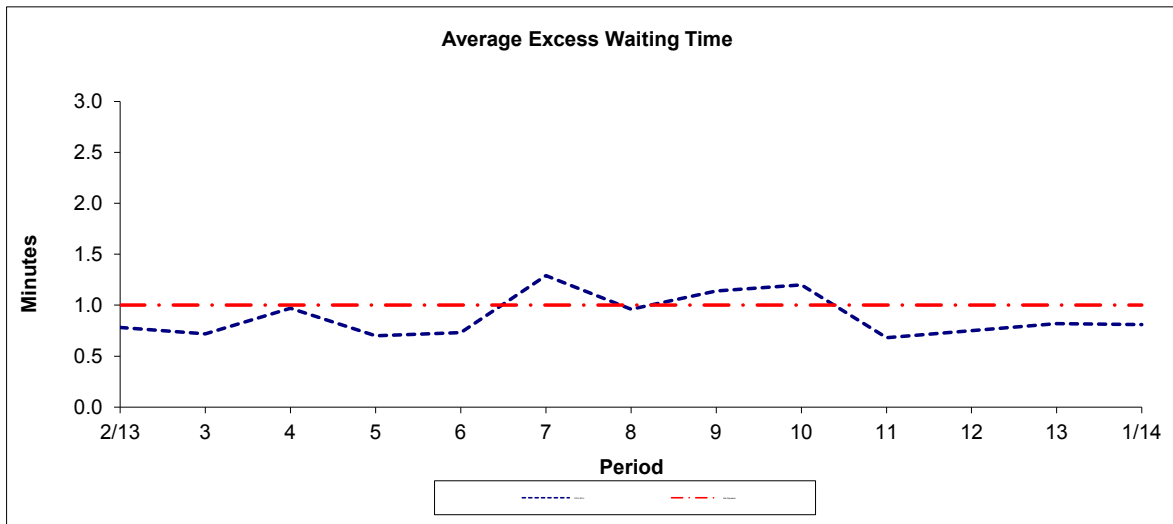


Period	2/13	3	4	5	6	7	8	9	10	11	12	13	1/14
2013/2014	0.92	0.93	1.87	0.88	1.94	3.22	1.62	2.39	3.40	0.88	2.23	1.21	1.81

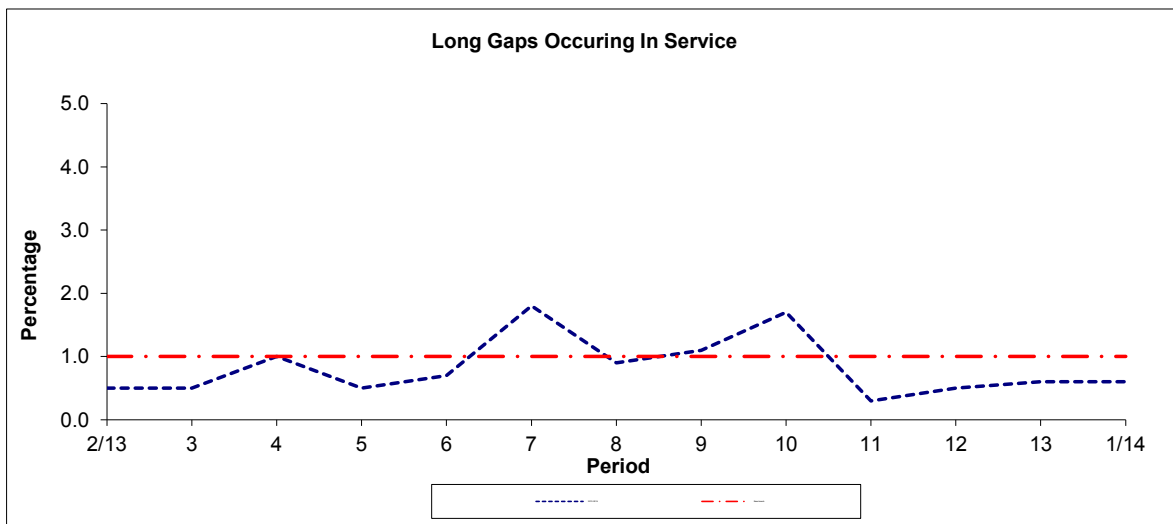
**Note :** Mileage is based on 4 weeks data

**PART B - PERFORMANCE STATISTICS**

**Route 135**



Period	2/13	3	4	5	6	7	8	9	10	11	12	13	1/14
2013-2014	0.78	0.72	0.97	0.70	0.73	1.29	0.96	1.14	1.20	0.68	0.75	0.82	0.81
Min Standard	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00



Period	2/13	3	4	5	6	7	8	9	10	11	12	13	1/14
2013-2014	0.5	0.5	1.0	0.5	0.7	1.8	0.9	1.1	1.7	0.3	0.5	0.6	0.6
Benchmark	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

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

**ROUTE 135 - FULL iBUS RESULTS BY TIME OF DAY  
QUARTER 1 13/14 TO QUARTER 4 13/14 (01/04/13 - 31/03/14)**

**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	29,051.	97.5	7.09	0.69	7.78	75.3	22.5	2.0	0.2	0.1	62
0700 - 1000	67,473.	95.8	4.92	1.02	5.93	83.0	15.9	1.0	0.1	1.1	47
1000 - 1300	65,477.	99.1	4.99	0.72	5.71	86.1	13.4	0.4	0.0	0.5	50
1300 - 1600	66,640.	98.7	4.92	0.69	5.61	86.4	13.1	0.4	0.0	0.4	52
1600 - 1900	64,866.	97.1	5.00	0.96	5.96	83.5	15.4	0.9	0.2	1.1	57
1900 - 2200	61,133.	98.1	5.23	0.84	6.06	82.2	16.8	0.9	0.2	0.8	61
2200 - 2400	29,249.	98.2	7.24	0.92	8.16	64.2	32.1	3.3	0.4	0.6	49
<b>Summary</b>	<b>383,889.</b>	<b>97.8</b>	<b>5.15</b>	<b>0.85</b>	<b>6.00</b>	<b>83.2</b>	<b>15.8</b>	<b>0.9</b>	<b>0.1</b>	<b>0.8</b>	<b>62</b>

**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	4,040.	96.9	9.69	0.60	10.29	53.6	40.3	5.5	0.6	0.1	55
0700 - 1000	13,139.	98.3	5.05	0.75	5.80	86.0	13.5	0.5	0.0	0.5	50
1000 - 1300	13,488.	96.5	4.99	1.05	6.04	82.4	16.5	0.9	0.2	1.1	42
1300 - 1600	13,380.	97.0	5.00	1.16	6.16	81.2	17.7	1.0	0.0	1.0	46
1600 - 1900	13,541.	96.0	5.02	1.25	6.27	80.2	18.3	1.4	0.1	1.5	50
1900 - 2200	10,987.	96.1	6.33	1.51	7.85	66.9	28.6	4.0	0.6	1.6	46
2200 - 2400	6,104.	95.9	7.43	1.55	8.97	60.5	33.1	5.4	1.1	1.1	55
<b>Summary</b>	<b>74,679.</b>	<b>96.7</b>	<b>5.40</b>	<b>1.15</b>	<b>6.55</b>	<b>78.5</b>	<b>19.6</b>	<b>1.7</b>	<b>0.2</b>	<b>1.1</b>	<b>55</b>

**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	2,627.	97.9	10.00	0.44	10.44	64.3	31.0	4.4	0.2	4.5	43
0700 - 1000	8,237.	99.2	8.47	0.46	8.94	60.5	36.2	3.0	0.3	0.2	58
1000 - 1300	9,732.	98.4	7.57	0.51	8.08	64.2	33.9	1.6	0.3	0.3	46
1300 - 1600	9,352.	98.9	7.50	0.74	8.24	64.3	33.0	2.4	0.3	0.3	51
1600 - 1900	9,725.	97.2	7.38	0.83	8.21	64.5	32.7	2.5	0.3	0.3	54
1900 - 2200	10,110.	99.9	7.35	1.03	8.39	64.0	31.8	3.7	0.4	0.6	61
2200 - 2400	6,776.	99.6	7.42	0.60	8.02	65.5	32.9	1.5	0.1	0.1	60
<b>Summary</b>	<b>56,559.</b>	<b>98.8</b>	<b>7.58</b>	<b>0.72</b>	<b>8.30</b>	<b>64.0</b>	<b>33.2</b>	<b>2.5</b>	<b>0.3</b>	<b>0.4</b>	<b>61</b>

**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	35,718.	97.5	7.48	0.67	8.15	72.4	24.8	2.5	0.2	0.3	62
0700 - 1000	88,849.	96.5	5.09	0.97	6.06	82.3	16.6	1.0	0.1	1.0	58
1000 - 1300	88,697.	98.6	5.27	0.75	6.02	83.2	16.1	0.6	0.1	0.6	50
1300 - 1600	89,372.	98.5	5.18	0.76	5.94	83.5	15.7	0.7	0.1	0.5	52
1600 - 1900	88,132.	96.9	5.21	0.98	6.20	81.4	17.3	1.1	0.2	1.0	57
1900 - 2200	82,230.	98.1	5.59	0.94	6.54	78.3	19.9	1.6	0.2	0.9	61
2200 - 2400	42,129.	98.1	7.29	0.96	8.24	63.9	32.3	3.3	0.5	0.6	60
<b>Summary</b>	<b>515,127.</b>	<b>97.7</b>	<b>5.39</b>	<b>0.88</b>	<b>6.27</b>	<b>80.9</b>	<b>17.8</b>	<b>1.1</b>	<b>0.2</b>	<b>0.8</b>	<b>62</b>

## Transport for London - QSI Points and Live Mileage List

Route 135  
 Service change 27930  
 Date 25/06/2011

Reason for Issue
------------------

QSI Points are highlighted.

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
CHBRAS	R0752	Crossharbour Asda		
	BP5152	Mudchute Station	319	0.20
	36868	Millwall Park	396	0.25
IGNSWC	15141	Langbourne Place	423	0.26
	15139	Harbinger School	331	0.21
	15137	St Edmund's School	304	0.19
	15135	Crews Street	199	0.12
MILLDB	559	Arnhem Wharf Primary School	220	0.14
	15133	Sir John Mcdougal Gardens	249	0.15
	15131	Barkantine Clinic / Hutchings Street	136	0.08
WFRYBS	3201	Byng Street	225	0.14
	15129	Marsh Wall / Heron Quay	221	0.14
	BP4194	Canary Wharf Station [Lu]	778	0.48
	R0314	Canada Square South	329	0.20
CNWFNS	BP2355	Canary Wharf Station	118	0.07
	LE190	Columbus Courtyard	346	0.21
	LE193	Westferry Circus	148	0.09
	BP1231	Westferry Station	454	0.28
	BP638	Salter Street	108	0.07
LIMEBR	BP107	Limehouse Police Station	159	0.10
	1689	Limehouse Town Hall	282	0.18
	1867	Lowell Street	222	0.14
LIMESN	BP081	Limehouse Station	426	0.26
	885	Stepney Methodist Church	218	0.14
	1865	Marion Richardson School	179	0.11
	881	Exmouth Estate	244	0.15
	879	St Mary & St Michael Church	236	0.15
	1863	Watney Market	314	0.20
CMRDNR	877	New Road	272	0.17
	20401	London Metropolitan University	296	0.18
		Aldgate East Station (new stop J)	<b>615</b>	<b>0.38</b>
ALDGBT		St Botolph Street (new stop B)	<b>276</b>	<b>0.17</b>
LVSTBG	768	Liverpool Street Station	<b>600</b>	<b>0.37</b>
	2114	Primrose Street	304	0.19
SHORGE	19259	Shoreditch High Street Station	230	0.14
	14689	Curtain Road	294	0.18
	14687	Ravey Street	245	0.15
	13476	Old Street Station	286	0.18
	188	Old Street Roundabout	279	0.17
OLSTPS	33436	Provost Street / Moorfields Eye Hospital	197	0.12
<b>TOTAL ROUTE MILEAGE - OUT DIRECTION</b>			<b>11478</b> <i>metres</i>	<b>7.13</b> <i>miles</i>

Mileages in bold red font are planning estimates & not ibus calculations

FINAL MILEAGE TO BE CONFIRMED



### TRANCHE 479

#### Mileage Update

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
OLSTER	36838	Old Street Station		
	13477	Shoreditch Fire Station	252	0.16
	BP5094	Pitfield Street	229	0.14
	BP5095	Shoreditch High Street Station	312	0.19
	20803	Commercial Street / Worship Street	413	0.26
	2113	Primrose Street	249	0.15
LVSTBG	2116	Liverpool Street Station	229	0.14
	8572	Houndsditch	361	0.22
ALDGBT		St Botolph Street (new stop A)	<b>420</b>	<b>0.26</b>
		Aldgate East Station (new stop G)	<b>158</b>	<b>0.10</b>
	1858	London Metropolitan University	<b>506</b>	<b>0.31</b>
CMRDNR	4824	New Road	276	0.17
	1864	Watney Market	464	0.29
	882	St Mary & St Michael Church	263	0.16
	1866	Arbour Square	315	0.20
	884	Stepney Methodist Church	231	0.14
LIMESN	886	Limehouse Station	335	0.21
	1868	Lowell Street	379	0.24
	1869	Salmon Lane	139	0.09
LIMEBR	887	Burdett Road	197	0.12
	36875	Limehouse Police Station	232	0.14
	15128	Westferry Station	345	0.21
	LE186	Cabot Square	495	0.31
CNWFSN	R0315	Canary Wharf Station	295	0.18
	BP3588	Canada Square North	214	0.13
	BP4195	Canary Wharf Station	472	0.29
	15130	Marsh Wall / Heron Quay	511	0.32
WFRYCS	3200	Manilla Street	218	0.14
	15132	Barkantine Clinic / Hutchings Street	269	0.17
	15134	Sir John Mcdougal Gardens	257	0.16
MILLDB	13418	Arnhem Wharf Primary School	264	0.16
	15136	Crews Street	240	0.15
	15138	St Edmund's School	231	0.14
	15140	Harbinger School	232	0.14
	16353	Maconochies Road	167	0.10
IGNSWE	15142	East Ferry Road	326	0.20
	BP2335	Mudchute Station Dir / Spindrif Avenue	325	0.20
	BP5153	Mudchute Station	228	0.14
CHBRAS	OC673	Isle Of Dogs Asda	480	0.30
<b>TOTAL ROUTE MILEAGE - BACK DIRECTION</b>			<b>11529</b> <i>metres</i>	<b>7.16</b> <i>miles</i>

**Mileages in bold red font are planning estimates & not ibus calculations**

**FINAL MILEAGE TO BE CONFIRMED**