

7. Service Specification

Route: 488

QC47101

This Service Specification forms section 7 of the ITT and should be read in conjunction with the ITT document, Version 1 dated 29 September 2011.

You are formally invited to tender for the provision of the bus service detailed below and in accordance with this Service Specification. Tenderers must ensure that a Compliant Tender is submitted and this will only be considered for evaluation if all parts of the Tender documents, as set out in section 11, have been received by the Corporation by the Date of Tender. The Tender must be fully completed in the required format, in accordance with the Instructions to Tenderers. A Compliant Tender must comply fully with the requirements of the Framework Agreement; adhere to the requirements of the Service Specification; and reflect the price of operating the Services with new vehicles.

Terminus Points	Bromley-By-Bow, Tesco to Dalston Junction
Contract Basis	Incentivised
Commencement Date	28 th February 2015
Vehicle Type	60 capacity, dual door, single deck buses
Current Maximum Approved Dimensions	10.2 metres long and 2.44 metres wide
New Vehicles Mandatory	Yes
Hybrid Price Required	Yes
Sponsored Route	No
Advertising Rights	Operator
Minimum Performance Standard - Route No. 488	Average Excess Wait Time - No more than 1.00 minutes
Extension Threshold - Route No. 488	Average Excess Wait Time Threshold - 0.85 minutes
Minimum Operated Mileage Standard - Route No. 488	No less than 98.00%

The Date of Tender for this ITT is: No later than 12 Noon on Tuesday 22nd April 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 & 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. 488.

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:

- 60 capacity, dual door, single deck buses are specified, subject to a satisfactory route test.

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.

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.

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

It is anticipated that Cashless Boarding will be extended throughout London at some stage during the lifetime of this contract. Tenderers are required to identify and submit the level of saving that would be achieved when the scheme is introduced.

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Bromley-By-Bow, Tesco to Dalston Junction		Dalston Junction, Bus Station to Bromley-By-Bow, Tesco			
First departure no later than 0450.		First departure no later than 0430.			
0445 - 0635	Every 15 minutes	0425 - 0630	Every 15 minutes		
0636 - 1855	Every 12 minutes	0631 - 1830	Every 12 minutes		
1856 - 1955	Every 15 minutes	1831 - 1915	Every 15 minutes		
1956 - 0040	Every 20 minutes	1916 - 0040	Every 20 minutes		
Last departure no earlier than 0035.		Last departure no earlier than 0035.			
Pinchpoints					
Clapton, Kenninghall Road/Thistlewaite Road	0700 - 0900	12 minutes	Old Ford, Parnell Road	0705 - 0905	12 minutes
	1505 - 1630	12 minutes		1500 - 1625	12 minutes

3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Bromley-By-Bow, Tesco to Dalston Junction		Dalston Junction, Bus Station to Bromley-By-Bow, Tesco			
First departure no later than 0450.		First departure no later than 0430.			
0445 - 0630	Every 20 minutes	0425 - 0610	Every 20 minutes		
0631 - 0815	Every 15 minutes	0611 - 0710	Every 15 minutes		
0816 - 1815	Every 12 minutes	0711 - 1815	Every 12 minutes		
1816 - 1915	Every 15 minutes	1816 - 1915	Every 15 minutes		
1916 - 0040	Every 20 minutes	1916 - 0040	Every 20 minutes		
Last departure no earlier than 0035.		Last departure no earlier than 0035.			
Pinchpoints					
Clapton, Kenninghall Road/Thistlewaite Road	0930 - 1105	12 minutes	Old Ford, Parnell Road	0925 - 1105	12 minutes

3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued

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

Bromley-By-Bow, Tesco to Dalston Junction		Dalston Junction, Bus Station to Bromley-By-Bow, Tesco			
First departure no later than 0550.		First departure no later than 0535.			
0545 - 0850	Every 20 minutes	0530 - 0815	Every 20 minutes		
0851 - 1835	Every 15 minutes	0816 - 1835	Every 15 minutes		
1836 - 0040	Every 20 minutes	1836 - 0040	Every 20 minutes		
Last departure no earlier than 0035.		Last departure no earlier than 0035.			
Pinchpoints					
Clapton, Kenninghall Road/Thistlewaite Road	1015 - 1130	15 minutes	Old Ford, Parnell Road	1015 - 1130	15 minutes

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

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. 488 should interwork with Route No. 276 between Bow Church and Old Ford, Parnell Road during Saturdays Sundays and all evenings.
- 4.2) Route No. 488 can suffer from unpredictable traffic delays in the Hackney area.
- 4.3) A school will be re-locating next year from Bow to Twelve trees Crescent. As well as the relocated students, the school will expand student numbers incrementally every year which will affect demand on the route.
- 4.3) Crossrail will connect the City, Canary Wharf, the West End and Heathrow Airport to commuter areas east and west of the capital. Major construction of the railway began in 2010, with services expected to commence in 2018. The construction impacts of Crossrail could affect Route No. 488 and it is anticipated that some passenger demand for Route No. 488 may shift to this line when it opens. Route No. 488 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 488: Bromley-by-Bow Tesco - Dalston Junction Bus Station

Date of Structural Change: 28 February 2015.

Date of Service Change: 28 February 2015.

Reason for Issue: New Tender.

STREETS TRAVERSED

Towards Dalston Junction Bus Station: Hancock Road, Blackwall Tunnel Northern Approach, Twelvetrees Crescent, Devas Street, Blackwall Tunnel Northern Approach, St Leonard's Street, Bromley High Street, Blackwall Tunnel Northern Approach, Bow Interchange, Bow Road, Fairfield Road, Tredegar Road, Parnell Road, Jodrell Road, Wick Lane, Monier Road, Wansbeck Road, Rothbury Road, Chapman Road, Wick Road, Kenworthy Road, Homerton High Street, Brooksby's Walk, Homerton Grove, Wardle Street, Homerton High Street, Urswick Road, Lower Clapton Road, Kenninghall Road Roundabout, Kenninghall Road, Rendlesham Road, Downs Road, Rectory Road, Shacklewell Lane, Kingsland High Street, Kingsland Road.

Towards Bromley-by-bow Tesco: Dalston Junction Bus Station, Kingsland Road, Kingsland High Street, Shacklewell Lane, Rectory Road, Downs Road, Rendlesham Road, Kenninghall Road, Kenninghall Road Roundabout, Lower Clapton Road, Urswick Road, Homerton High Street, Fenn Street, Homerton Row, Homerton Grove, Wardle Street, Homerton High Street, Kenworthy Road, Wick Road, Chapman Road, Rothbury Road, Wansbeck Road, Monier Road, Wick Lane, Jodrell Road, Parnell Road, Tredegar Road, Fairfield Road, Bow Road, Bow Interchange, Blackwall Tunnel Northern Approach, Hancock 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.

BROMLEY-BY-BOW, TESCO

Public stand for two buses on east side of Hancock Road commencing 55 metres north of the junction with Three Mill Lane, outside No.5 (Print Works).

Buses proceed from Hancock Road direct to stand, departing to Hancock Road. Set down in Hancock Road, at Stop X (BP5504 - Hancock Road, Last Stop on LOR: BP5504 - Hancock Road) and pick up in Hancock Road, at stop V (36763 - Hancock Road, First Stop on LOR: 36763 - Hancock Road).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 488 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:	Bromley-By-Bow Tesco.
OTHER INFORMATION:	Passengers travelling past Tesco as far as Bromley-by-Bow station can remain on the bus while it stands.

BOW CHURCH (from DALSTON JUNCTION BUS STATION)

Buses proceed from Bow Road via Bow Interchange departing to Bow Road. Set down in Bow Road, at Stop M (348 - Bow Flyover, Last Stop on LOR: 348 - Bow Flyover) and pick up in Bow Road, at Stop J (2062 - Bow Church, First Stop on LOR: 2062 - Bow Church).

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

HACKNEY WICK, EASTWAY

Private stand for 5 buses standing abreast in marked bays in Bus Parking Area on west side of Eastway north of junction with Buxhall Crescent.

From Bromley-by-bow Tesco.

Buses proceed from Chapman Road via Eastway to stand, departing via Eastway and Wick Road to Chapman Road. Set down in Chapman Road, at stop J (BP966 - Hackney Wick / Trowbridge Road, Last Stop on LOR: BP966 - Hackney Wick / Trowbridge Road) and pick up in Chapman Road, at Stop K (BP965 - Hackney Wick / Trowbridge Road, First Stop on LOR: BP965 - Hackney Wick / Trowbridge Road).

From Dalston Junction Bus Station.

Buses proceed from Kenworthy Road via Wick Road and Eastway to stand, departing via Eastway, Chapman Road and Wick Road to Kenworthy Road. Set down in Kenworthy Road, at stop SA (14139 - Wick Road, Last Stop on LOR: 14139 - Wick Road) and pick up in Kenworthy Road, at stop SY (14138 - Kenworthy Road / Wick Road, First Stop on LOR: 14138 - Kenworthy Road / Wick Road).

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

HOMERTON HOSPITAL

From Bromley-by-bow Tesco.

Buses proceed from Homerton Grove via Wardle Street, Homerton High Street, Fenn Street and Homerton Row departing to Homerton Grove. Set down in Homerton Grove, at Stop F (BP1818 - Homerton Hospital, Last Stop on LOR: BP1818 - Homerton Hospital) and pick up in Homerton Grove, at Stop E (BP2162 - Homerton Hospital / Wardle Street, First Stop on LOR: BP2162 - Homerton Hospital / Wardle Street).

From Dalston Junction Bus Station.

Buses proceed from Homerton Grove via Wardle Street and Homerton High Street departing to Brooksby's Walk. Set down in Homerton Grove, at Stop E (BP2162 - Homerton Hospital / Wardle Street, Last Stop on LOR: BP2162 - Homerton Hospital / Wardle Street) and pick up in Brooksby's Walk, at Stop HB (BP3801 - Brooksby's Walk / Homerton Station #, First Stop on LOR: BP3801 - Brooksby's Walk / Homerton Station #).

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

CLAPTON, KENNINGHALL ROAD ROUNDABOUT (from Bromley-by-Bow Tesco)

Private stand in centre of Kenninghall Road Roundabout at junction of Lower Clapton Road and Lea Bridge Road.

Buses proceed from Lower Clapton Road via Kenninghall Road Roundabout and Access Road to stand, departing via Access Road and Kenninghall Road Roundabout to Lower Clapton Road. Set down in Lower Clapton Road, at stop L (192 - Lea Bridge Roundabout, Last Stop on LOR: 64 - Clapton Pond) and pick up in Lower Clapton Road, at stop E (1011 - Clapton Pond, First Stop on LOR: 1011 - Clapton Pond).

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: Clapton Pond.

DALSTON JUNCTION, BUS STATION

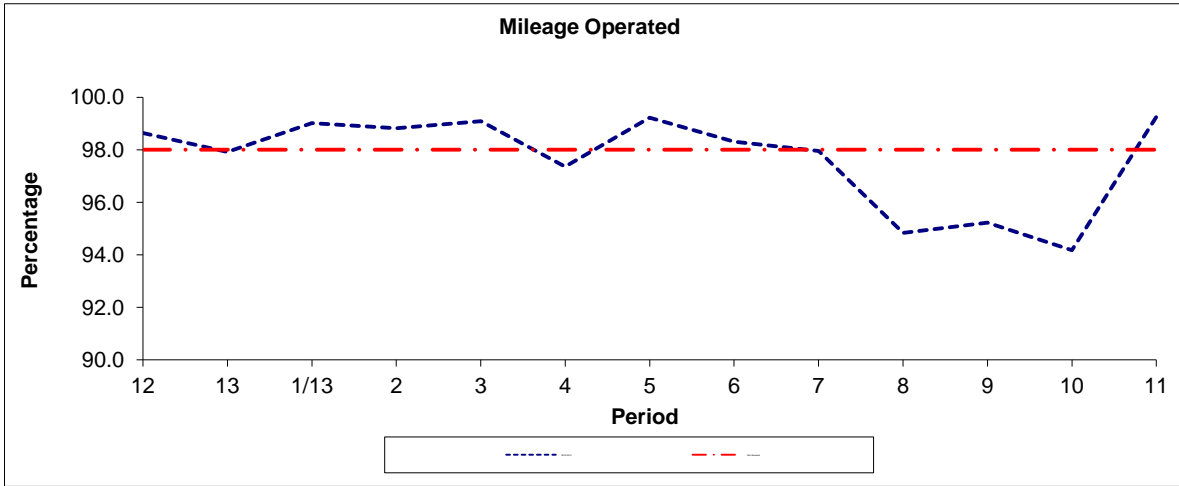
Private stand for 6 buses in bus station.

Buses proceed from Kingsland Road via Forest Road and Dalston Junction Bus Station to stand, departing to Dalston Junction Bus Station. Set down in Kingsland Road, at Stop D (2095 - Kingsland Road / Forest Road, Last Stop on LOR: 2095 - Kingsland Road / Forest Road) and pick up in Dalston Junction Bus Station, at Stop N (BP5617 - Dalston Junction #, First Stop on LOR: BP5617 - Dalston Junction #).

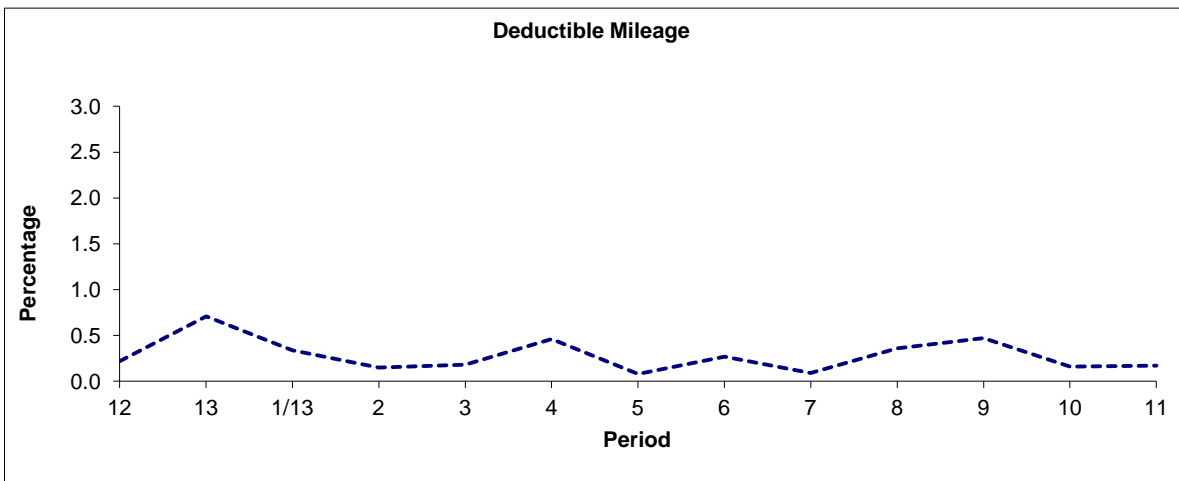
AVAILABILITY: At any time.
OPERATING RESTRICTIONS: No more than 2 buses on Route 488 should be scheduled to stand at any one time.
MEAL RELIEFS: No meal relief vehicles to stand at any time.
FERRY VEHICLES: No ferry vehicles to park on stand at any time.
BLIND DISPLAY: Dalston Junction.
OTHER INFORMATION: Toilet facilities available at Dalston Junction bus station.

PART B - PERFORMANCE STATISTICS

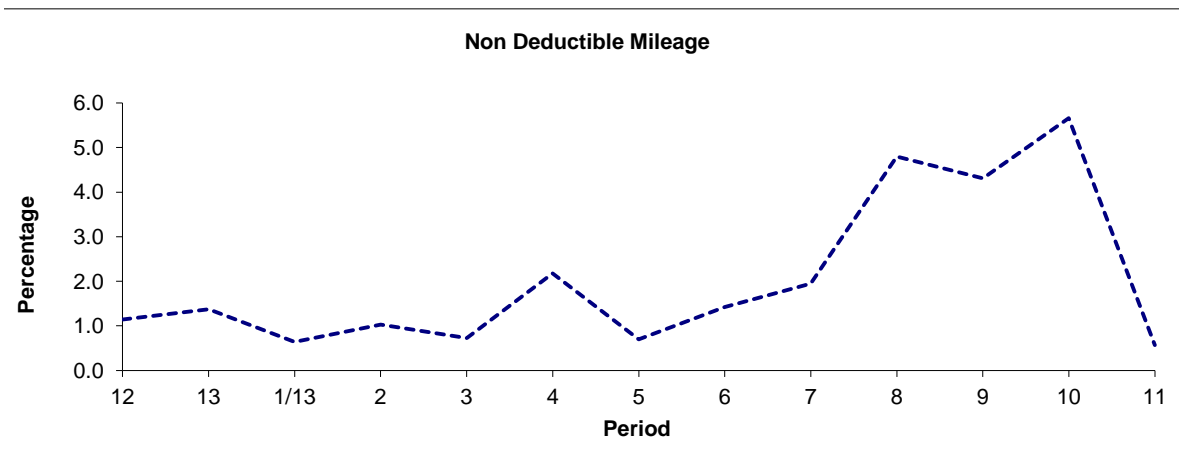
Route 488



Period	12	13	1/13	2	3	4	5	6	7	8	9	10	11
2012/2013	98.64	97.92	99.02	98.82	99.09	97.36	99.22	98.31	97.96	94.84	95.22	94.18	99.26
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	12	13	1/13	2	3	4	5	6	7	8	9	10	11
2012/2013	0.22	0.71	0.34	0.15	0.18	0.46	0.08	0.27	0.09	0.36	0.47	0.16	0.17

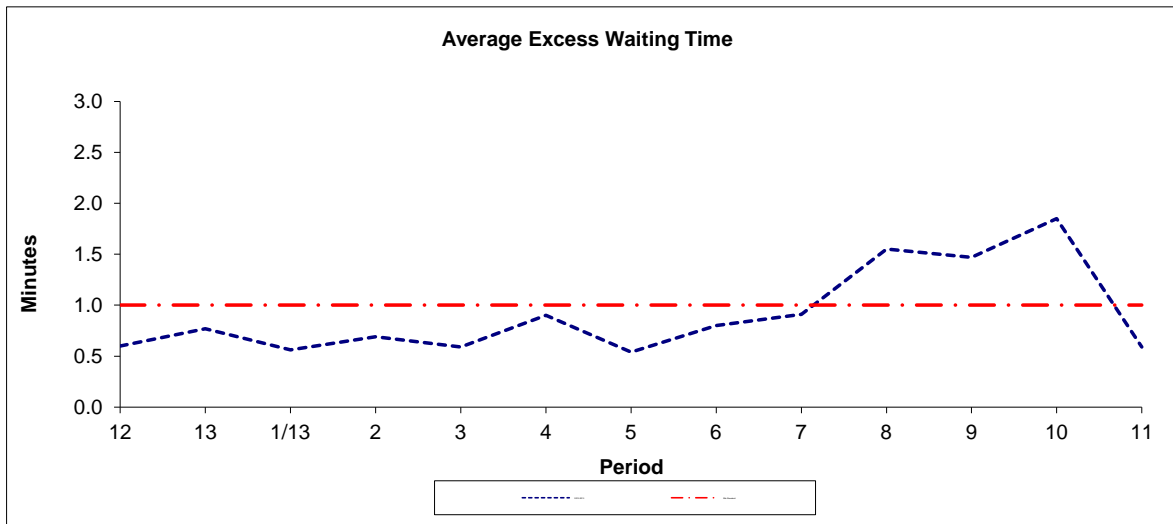


Period	12	13	1/13	2	3	4	5	6	7	8	9	10	11
2012/2013	1.14	1.37	0.64	1.03	0.73	2.18	0.70	1.42	1.95	4.80	4.31	5.66	0.57

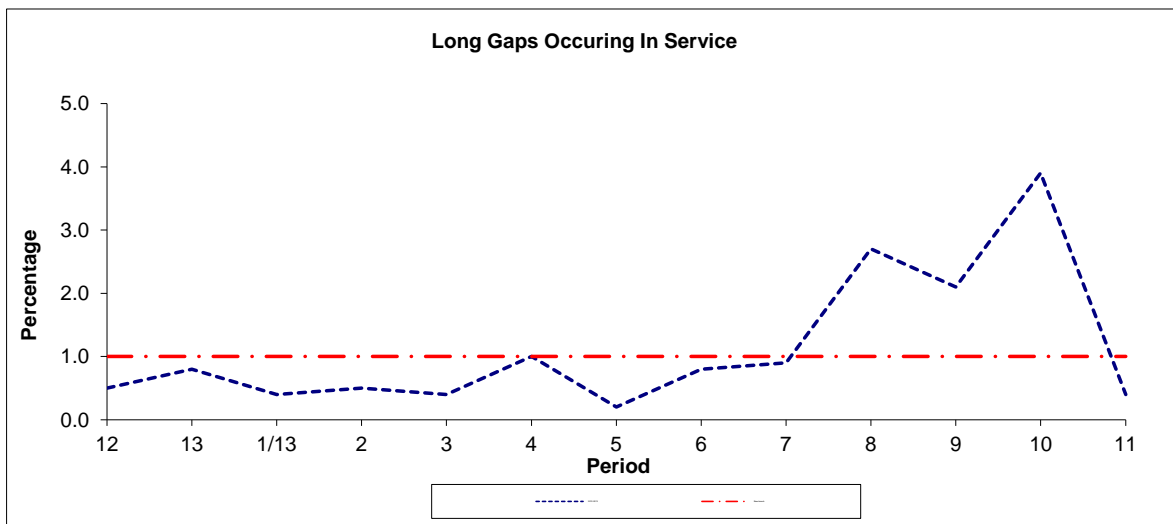
Note : Mileage is based on 4 weeks data

PART B - PERFORMANCE STATISTICS

Route 488



Period	12	13	1/13	2	3	4	5	6	7	8	9	10	11
2012-2013	0.60	0.77	0.56	0.69	0.59	0.90	0.54	0.80	0.91	1.55	1.47	1.85	0.59
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	12	13	1/13	2	3	4	5	6	7	8	9	10	11
2012-2013	0.5	0.8	0.4	0.5	0.4	1.0	0.2	0.8	0.9	2.7	2.1	3.9	0.4
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 488 - FULL iBUS RESULTS BY TIME OF DAY
QUARTER 4 12/13 TO QUARTER 3 13/14 (05/01/13 - 03/01/14)

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	25,422.	99.5	7.14	0.23	7.37	72.0	27.6	0.3	0.0	0.0	67
0700 - 1000	45,816.	98.6	5.99	0.64	6.63	77.4	21.2	1.2	0.2	0.6	56
1000 - 1300	46,170.	97.6	6.06	0.72	6.77	76.8	21.8	1.2	0.2	0.6	56
1300 - 1600	46,991.	96.6	5.91	0.95	6.86	75.9	21.9	1.7	0.5	1.2	81
1600 - 1900	45,336.	96.4	6.02	1.37	7.40	72.2	24.0	2.7	1.0	2.1	92
1900 - 2200	29,991.	99.6	8.79	0.90	9.69	54.3	38.3	5.9	1.5	1.0	79
2200 - 2400	17,700.	101.5	10.00	0.29	10.29	50.2	44.3	5.1	0.4	0.1	103
Summary	257,426.	98.1	6.52	0.90	7.41	71.8	25.3	2.4	0.6	1.1	103

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	3,784.	100.1	9.35	0.33	9.68	56.8	40.1	2.8	0.3	0.2	68
0700 - 1000	8,943.	99.1	6.32	0.25	6.57	78.2	21.5	0.2	0.0	0.1	43
1000 - 1300	9,436.	98.0	6.08	0.54	6.62	77.5	21.5	0.8	0.2	0.4	46
1300 - 1600	9,635.	94.1	6.00	1.56	7.56	71.4	24.2	3.1	1.4	2.7	69
1600 - 1900	9,141.	95.2	6.15	1.55	7.70	70.6	25.1	3.1	1.2	2.3	88
1900 - 2200	5,881.	97.8	9.31	1.19	10.49	50.3	38.8	8.4	2.5	1.2	86
2200 - 2400	3,630.	100.7	10.00	0.78	10.78	49.8	41.6	7.5	1.2	0.2	64
Summary	50,450.	97.3	6.74	1.05	7.80	69.6	26.3	3.0	1.0	1.4	88

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	2,489.	101.0	9.97	0.09	10.07	63.4	33.2	3.3	0.1	3.4	44
0700 - 1000	6,919.	100.7	8.87	0.17	9.03	59.1	38.6	2.2	0.1	0.0	44
1000 - 1300	8,486.	97.6	7.55	0.35	7.90	65.2	33.5	1.1	0.2	0.2	50
1300 - 1600	8,547.	98.2	7.46	0.80	8.26	64.1	32.6	2.7	0.6	0.6	51
1600 - 1900	8,420.	98.4	7.51	1.02	8.52	62.7	32.8	3.3	1.2	1.2	76
1900 - 2200	6,511.	99.5	9.91	0.92	10.83	49.3	40.4	8.5	1.8	0.3	59
2200 - 2400	4,242.	101.0	10.00	0.20	10.20	50.0	44.7	5.0	0.2	0.0	40
Summary	45,614.	99.1	8.17	0.67	8.84	60.5	35.3	3.5	0.7	0.6	76

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	31,695.	99.7	7.53	0.24	7.77	69.8	29.3	0.8	0.1	0.2	68
0700 - 1000	61,678.	98.9	6.15	0.59	6.74	76.6	22.1	1.2	0.1	0.5	56
1000 - 1300	64,092.	97.7	6.23	0.65	6.87	75.6	23.1	1.1	0.2	0.5	56
1300 - 1600	65,173.	96.5	6.08	1.03	7.11	74.0	23.3	2.0	0.6	1.3	81
1600 - 1900	62,897.	96.5	6.18	1.36	7.54	71.1	25.0	2.8	1.1	2.1	92
1900 - 2200	42,383.	99.3	8.98	0.94	9.92	53.3	38.6	6.5	1.6	1.0	86
2200 - 2400	25,572.	101.3	10.00	0.33	10.33	50.1	44.0	5.4	0.5	0.1	103
Summary	353,490.	98.1	6.70	0.89	7.60	70.4	26.3	2.5	0.7	1.1	103

Transport for London - QSI Points and Live Mileage List

Route 488
 Service change 23771
 Date 30/12/2011
 QSI Points are highlighted.

Reason for Issue

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
BOW TS	36763	Hancock Road		
	34412	Bromley By Bow Station	303	0.19
BOW SN	15589	Bromley By Bow Station	493	0.31
	34447	Grace Street	314	0.20
	34060	Bow Interchange	254	0.16
BOW CH	2062	Bow Church	383	0.24
	14503	Bow Bus Garage	178	0.11
	18022	Tredegar Road	523	0.32
	9249	Roman Road Market	300	0.19
OFRDPR	18020	Old Ford Road	226	0.14
	BP2301	Waterside Close	214	0.13
	18018	Wick Lane	252	0.16
	BP3461	Wansbeck Road	210	0.13
	34793	Hackney Wick Station	479	0.30
HACWCR	BP966	Hackney Wick / Trowbridge Road	334	0.21
	14138	Kenworthy Road / Wick Road	534	0.33
	2073	Cardinal Pole School	265	0.16
	10260	Homerton High St / Hackney Hospital	225	0.14
	BP3801	Brooksby's Walk / Homerton Station	280	0.17
HMTHHG	BP1818	Homerton Hospital	154	0.10
	18012	Banister House	326	0.20
	18010	The City Academy	285	0.18
	934	Jack Dunning Estate	260	0.16
	930	Glenarm Road	201	0.12
	2268	Clapton Girls' Technology College	226	0.14
	64	Clapton Pond	240	0.15
CLTNKR	20972	Lea Bridge Roundabout	223	0.14
	BP5611	Muir Road	475	0.30
	BP5613	Ottaway Street	295	0.18
	BP5616	Downs Road / Rectory Road	321	0.20
	BP5619	Shacklewell Lane / Amhurst Road	250	0.16
	BP5622	The Petchey Academy	207	0.13
SHKLKH	17963	Shacklewell Lane / Kingsland High Street	365	0.23
	BP3253	Sandringham Road	118	0.07
	2093	Dalston Kingsland Station	152	0.09
	319	Dalston Junction Station	230	0.14
DALSJC	2095	Kingsland Road / Forest Road	265	0.16
TOTAL ROUTE MILEAGE - OUT DIRECTION			10360 metres	6.44 miles

TRANCHE 471

Mileage Update

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
DALSBS	BP5617	Dalston Junction		
	318	Kingsland High St / Dalston Junction	185	0.11
	2094	Dalston Kingsland Station	173	0.11
	4836	Sandringham Road	204	0.13
SHKCLKH	17964	Shacklewell Lane	138	0.09
	BP5623	The Petchey Academy	274	0.17
	BP5621	Shacklewell Lane / Amhurst Road	236	0.15
	BP5615	Downs Road / Rectory Road	230	0.14
	BP5614	Ottaway Street	277	0.17
	BP5612	Muir Road	313	0.19
	BP5609	Lea Bridge Roundabout / B6 College	373	0.23
CLTNKR	1011	Clapton Pond	368	0.23
	29245	Millfields Road	203	0.13
	2269	Clapton Girls' Technology College	236	0.15
	933	Jack Dunning Estate	379	0.24
	18011	The City Academy	107	0.07
	R0427	Fenn Street	343	0.21
	FL005	Homerton Hospital / Homerton Row	131	0.08
HMTTHHG	BP2162	Homerton Hospital / Wardle Street	184	0.11
	10261	Homerton High St / Hackney Hospital	445	0.28
	2074	Cardinal Pole School	317	0.20
	14139	Wick Road	239	0.15
HACWCR	BP965	Hackney Wick / Trowbridge Road	501	0.31
	BP5221	Hackney Wick Station	235	0.15
	BP2924	Rothbury Road	162	0.10
	BP2925	Monier Road	272	0.17
	BP617	Wick Lane	363	0.23
	34269	Old Ford Road	275	0.17
OFRDPR	9248	Roman Road Market	213	0.13
	18023	Tredegar Road	527	0.33
	29614	Bow Bus Garage	304	0.19
BOW CH	31359	Bow Church	345	0.21
	348	Bow Flyover	174	0.11
BOW TS	BP5504	Hancock Road	442	0.27
TOTAL ROUTE MILEAGE - BACK DIRECTION			9168 metres	5.70 miles