

7. Service Specification

Route: D3

Contract Reference: QC53403

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	Bethnal Green, London Chest Hospital and Leamouth, Saffron Avenue
Contract Basis	Incentivised
Commencement Date	17 th September 2016
Vehicle Type	55 capacity, dual door, single deck, minimum 10.2m long
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	Average Excess Wait Time - No more than 1.10 minutes
Extension Threshold	Average Excess Wait Time Threshold – 1.00 minutes
Minimum Operated Mileage Standard	No less than 98.00%

The Date of Tender for this ITT is:

No later than 12 Noon on Monday 2nd November 2015

Tenderers should refer to section 3 of Part A for the Service Specification Explanatory Notes and Appendix B of section 5 for the Example Service Specification of the ITT document.

SERVICE SPECIFICATION

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

2) NOTES

Proposed Changes:

At this time, no changes are proposed to the existing service for introduction prior to the commencement of the new Route Agreement for Route No. D3.

- The Heron Quay diversion is expected to last until 2019, with buses double-running into Canary Wharf rather than diverting via Aspen Way.

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

- Route No. D3 is re-routed from Canary Wharf Station to Leamouth, Saffron Avenue via Blackwall Way. The section between Canary Wharf and Crossharbour, Asda is withdrawn in both directions.
- Ex Bethnal Green, London Chest Hospital, Route No D3 will follow current line of route to Westferry Circus then, West India Avenue, Cabot Square, North Colonnade, Canada Square, North Colonnade, Churchill Place, Cartier Circle, Trafalgar Way, Preston's Road, Baffin Way, Blackwall Way, Newport Avenue, Leamouth Roundabout and Saffron Avenue.
- Ex Leamouth, Saffron Avenue Route No D3 will leave stand at Saffron Avenue, Nutmeg Lane, Clove Crescent, Saffron Avenue, Leamouth Roundabout, Newport Avenue, Blackwall Way, Baffin Way, Preston's Road, Trafalgar Way, Cartier Circle, Churchill Place, South Colonnade, Canada Square, South Colonnade, Cabot Square, West India Avenue then joining line of route.
- **Please see Section 5 for a full list of streets traversed and standing arrangements.**
- **Tenderers should refer to the schedules dated 21/10/2013 rather than the current emergency schedules.**

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.**

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Bethnal Green, London Chest Hospital to Leamouth, Saffron Avenue		Leamouth, Saffron Avenue to Bethnal Green, London Chest Hospital			
First departure no later than 0440.		First departure no later than 0500.			
0435 - 0540	Every 20 minutes	0455 - 0600	Every 20 minutes		
0541 - 0555	Every 15 minutes	0601 - 0615	Every 15 minutes		
0556 - 1905	Every 10 minutes	0616 - 1945	Every 10 minutes		
1906 - 2005	Every 15 minutes	1946 - 2045	Every 15 minutes		
2006 - 0050	Every 20 minutes	2046 - 0110	Every 20 minutes		
Last departure no earlier than 0045.		Last departure no earlier than 0105.			
Pinchpoints					
Canary Wharf Station	0700 - 0900	10 minutes	Limehouse Station	0705 - 0905	10 minutes
	1500 - 1630	10 minutes		1505 - 1625	10 minutes

3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Bethnal Green, London Chest Hospital to Leamouth, Saffron Avenue		Leamouth, Saffron Avenue to Bethnal Green, London Chest Hospital			
First departure no later than 0440.		First departure no later than 0500.			
0435 - 0620	Every 20 minutes	0455 - 0700	Every 20 minutes		
0621 - 0735	Every 15 minutes	0701 - 0815	Every 15 minutes		
0736 - 1835	Every 10 minutes	0816 - 1845	Every 10 minutes		
1836 - 2005	Every 15 minutes	1846 - 1945	Every 15 minutes		
2006 - 0050	Every 20 minutes	1946 - 0110	Every 20 minutes		
Last departure no earlier than 0045.		Last departure no earlier than 0105.			
Pinchpoints					
Canary Wharf Station	0900 - 1100	10 minutes	Limehouse Station	0900 - 1100	10 minutes

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

Bethnal Green, London Chest Hospital to Leamouth, Saffron Avenue		Leamouth, Saffron Avenue to Bethnal Green, London Chest Hospital			
First departure no later than 0600.		First departure no later than 0600.			
0555 - 0840	Every 20 minutes	0555 - 0845	Every 20 minutes		
0841 - 1745	Every 15 minutes	0846 - 1845	Every 15 minutes		
1746 - 0050	Every 20 minutes	1846 - 0110	Every 20 minutes		
Last departure no earlier than 0045.		Last departure no earlier than 0105.			
Pinchpoints					
Canary Wharf Station	1035 - 1235	15 minutes	Limehouse Station	1020 - 1220	15 minutes

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

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. D3 can suffer from unpredictable traffic delays in the Isle of Dogs and Central London areas.
- 4.2) 10.2m buses are used on the route due to highway constraints between in the Wapping area.
- 4.3) Crossrail will connect the City, Canary Wharf, the West End and Heathrow Airport to commuter areas east and west of the capital. Major construction of the railway began in 2010, with the first services expected to commence through the central London tunnelled section in late 2018. The full Crossrail service will be operating from Heathrow and Reading to Abbey Wood and Shenfield in late 2019. The construction impacts of Crossrail could affect Route No. D3 and it is anticipated that some passenger demand for Route No. D3 may shift to this line when it opens. Route No. D3 will be reviewed closer after 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 D3: Bethnal Green, London Chest Hospital - Crossharbour, Asda

Date of Structural Change: 17 September 2016.

Date of Service Change: 17 September 2016.

Reason for Issue: {To be specified}.

STREETS TRAVERSED

Towards Crossharbour, Asda: Bonner Road, Approach Road, Old Ford Road, Cambridge Heath Road, Bethnal Green Road, Vallance Road, Whitechapel Road, New Road, Cannon Street Road, The Highway, Wapping Lane, Wapping High Street, Garnet Street, Wapping Wall, Glamis Road, The Highway, Butcher Row, Commercial Road, West India Dock Road, Westferry Road, Westferry Circus (Upper Level), West India Avenue, Cabot Square, The South Colonnade, Canada Square, The South Colonnade, Churchill Place, Cartier Circle, Trafalgar Way, Preston's Road, Baffin Way, Blackwall Way, Newport Avenue, Leamouth Roundabout, Saffron Avenue.

Towards Bethnal Green, London Chest Hospital: Saffron Avenue, Leamouth Roundabout, Newport Avenue, Blackwall Way, Baffin Way, Preston's Road, Trafalgar Way, Cartier Circle, Churchill Place, The North Colonnade, Canada Square, The North Colonnade, Cabot Square, West India Avenue, Westferry Circus (Upper Level), Westferry Road, Trinidad Street, Salter Street, West India Dock Road, Commercial Road, Butcher Row, The Highway, Glamis Road, Wapping Wall, Garnet Street, Wapping High Street, Wapping Lane, The Highway, King David Lane, Cable Street, Cannon Street Road, New Road, Whitechapel Road, Vallance Road, Bethnal Green Road, Cambridge Heath Road, Old Ford Road, Bonner 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.

BETHNAL GREEN, LONDON CHEST HOSPITAL

Public stand in Bonner Road opposite the London Chest Hospital commencing 12 metres east of Approach Road and extending 30 metres east.

Buses proceed from Bonner Road direct to stand, departing to Bonner Road. Set down in Bonner Road, at Stop HA (BP525 - Bonner Road, Last Stop on LOR: BP525 - Bonner Road) and pick up in Bonner Road, at Stop HA (BP525 - Bonner Road, First Stop on LOR: BP525 - Bonner Road).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route D3 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:	Bethnal Green, Chest Hospital.
OTHER INFORMATION:	London Chest Hospital toilet facilities available between 0900 and 2200 daily.

WHITECHAPEL, CAVELL STREET (from CROSSHARBOUR, ASDA)

Public stand for two buses on west side of Cavell Street, commencing opposite the entrance to No. 112 and extending 25 metres south.

Buses proceed from New Road via Whitechapel Road, Sidney Street, Stepney Way and Cavell Street to stand, departing via Cavell Street, Raven Row, Sidney Street and Whitechapel Road to New Road. Set down in New Road, at Stop L (BP2342 - Royal London Hospital, Last Stop on LOR: BP2342 - Royal London Hospital) and pick up in New Road, at Stop H (BP2347 - Royal London Hospital, First Stop on LOR: BP2347 - Royal London Hospital).

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:	Whitechapel.

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 Bethnal Green, London Chest Hospital.

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).

From Crossharbour, Asda.

Buses proceed from West India Dock Road via Burdett Road, Commercial Road, 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).

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.

CANARY WHARF, TRAFALGAR WAY (from Bethnal Green, London Chest Hospital)

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.

LEAMOUTH, SAFFRON AVENUE

Public stand on south side of Saffron Avenue, commencing 50 metres east of Nutmeg Lane.

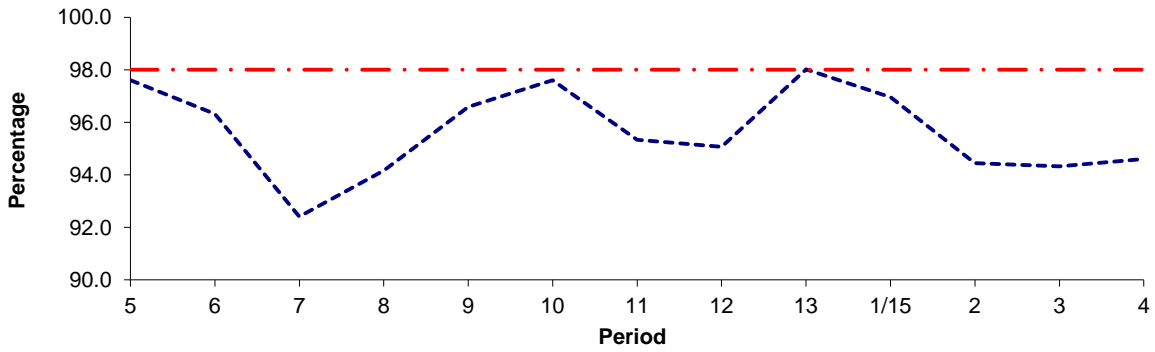
Buses proceed from Saffron Avenue direct to stand, departing to Saffron Avenue. Set down in Saffron Avenue, at Stop U (BP1103 - Nutmeg Lane, Last Stop on LOR: 15128 - Westferry Station [dlr]) and pick up in Saffron Avenue, at Stop U (BP1103 - Nutmeg Lane, First Stop on LOR: BP1231 - Westferry Station [dlr]).

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:	/.

PART B - PERFORMANCE STATISTICS

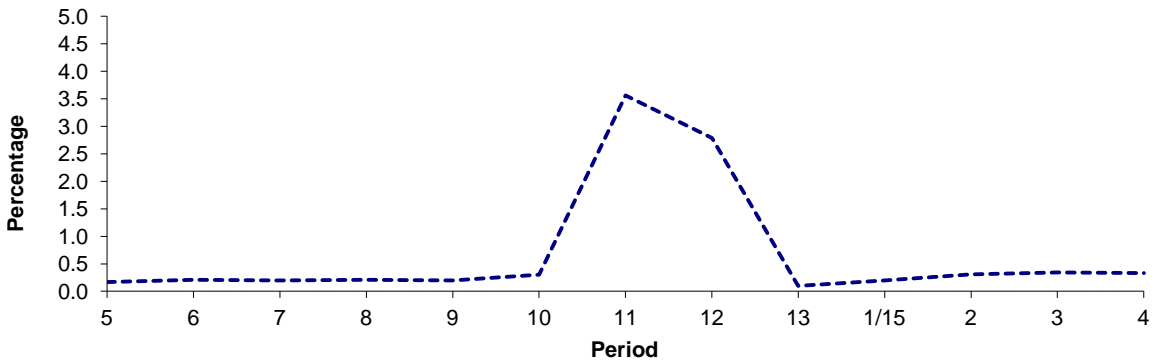
Route D3

Mileage Operated



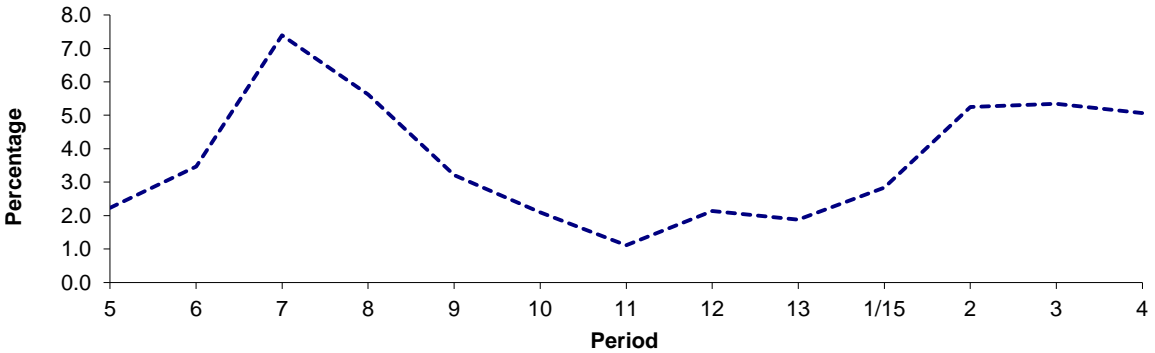
Period	5	6	7	8	9	10	11	12	13	1/15	2	3	4
2014/2015	97.60	96.32	92.41	94.17	96.59	97.60	95.33	95.07	98.02	96.96	94.44	94.32	94.60
Min Standard	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00

Deductible Mileage



Period	5	6	7	8	9	10	11	12	13	1/15	2	3	4
2014/2015	0.17	0.21	0.20	0.21	0.20	0.30	3.56	2.79	0.10	0.20	0.31	0.34	0.33

Non Deductible Mileage

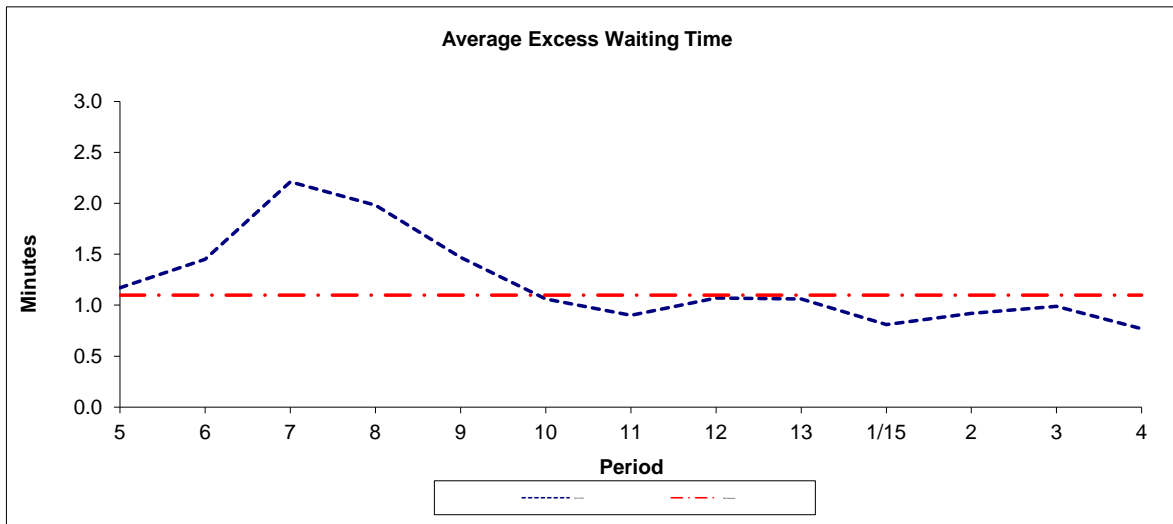


Period	5	6	7	8	9	10	11	12	13	1/15	2	3	4
2014/2015	2.23	3.47	7.39	5.62	3.21	2.10	1.11	2.14	1.88	2.84	5.25	5.34	5.07

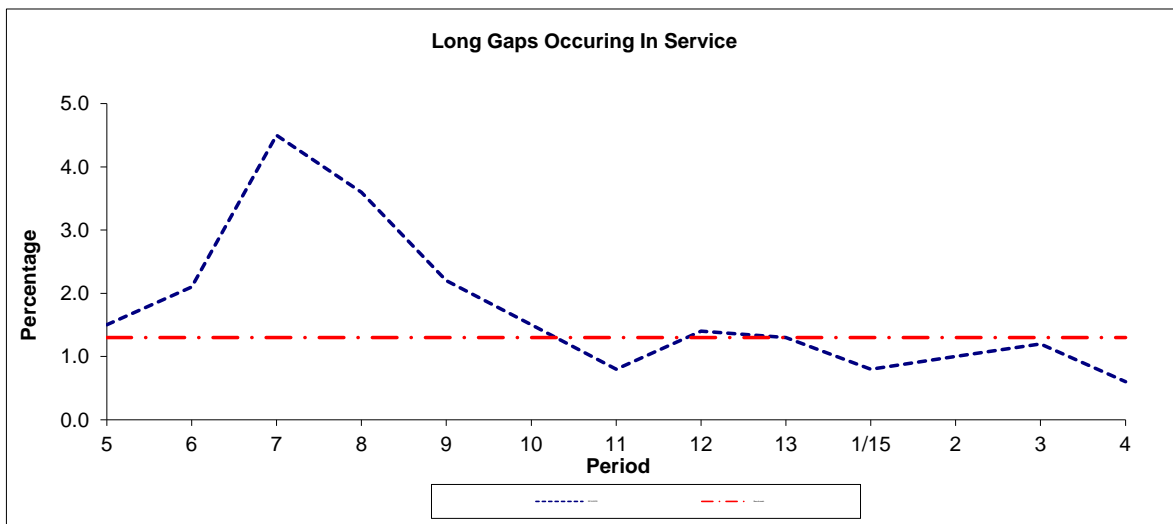
Note : Mileage is based on 4 weeks data
 Deductible Mileage was adversely affected by industrial action in periods 11 and 12 14/15.

PART B - PERFORMANCE STATISTICS

Route D3



Period	5	6	7	8	9	10	11	12	13	1/15	2	3	4
2014-2015	1.17	1.45	2.21	1.98	1.47	1.06	0.90	1.07	1.06	0.81	0.92	0.99	0.77
Min Standard	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10



Period	5	6	7	8	9	10	11	12	13	1/15	2	3	4
2014-2015	1.5	2.1	4.5	3.6	2.2	1.5	0.8	1.4	1.3	0.8	1.0	1.2	0.6
Benchmark	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

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

**ROUTE D3 - FULL IBUS RESULTS BY TIME OF DAY
 QUARTER 2 14/15 TO QUARTER 1 15/16 (21/06/14 - 26/0615)**

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	31,536.	30,791.	97.6	7.45	0.39	7.84	74.7	23.0	2.2	0.2	0.1	101
07:00 - 10:00	71,521.	66,968.	93.6	4.99	1.36	6.35	79.5	18.2	1.9	0.4	2.3	70
10:00 - 13:00	70,951.	68,755.	96.9	5.00	1.37	6.37	80.5	17.3	1.8	0.3	2.1	76
13:00 - 16:00	70,724.	68,589.	97.0	5.02	1.25	6.27	80.7	17.4	1.6	0.2	1.8	69
16:00 - 19:00	71,162.	66,996.	94.1	4.95	1.77	6.72	77.5	19.2	2.5	0.8	3.3	84
19:00 - 22:00	51,155.	50,032.	97.8	6.80	1.49	8.29	64.1	29.4	5.4	1.1	2.2	77
22:00 - 24:00	22,368.	21,818.	97.5	9.92	1.05	10.97	48.3	39.1	10.0	2.6	0.7	81
All Locations Summary	389,417.	373,949.	96.0	5.48	1.41	6.88	76.2	20.5	2.7	0.6	2.3	101

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	4,344.	4,312.	99.3	9.81	0.46	10.27	52.5	41.2	5.6	0.8	0.2	73
07:00 - 10:00	12,850.	12,366.	96.2	5.70	0.94	6.64	79.0	19.8	1.1	0.1	0.7	74
10:00 - 13:00	14,611.	14,616.	100.0	5.00	0.70	5.70	85.8	13.7	0.4	0.0	0.4	41
13:00 - 16:00	14,616.	14,480.	99.1	5.00	0.91	5.91	84.0	15.3	0.7	0.0	0.8	35
16:00 - 19:00	14,437.	14,242.	98.6	5.04	0.98	6.02	82.2	16.7	0.9	0.2	1.1	46
19:00 - 22:00	8,668.	8,341.	96.2	8.20	1.09	9.28	56.2	35.4	7.1	1.3	0.9	72
22:00 - 24:00	4,635.	4,500.	97.1	10.00	1.27	11.27	47.6	38.0	11.4	3.0	0.7	57
All Locations Summary	74,161.	72,857.	98.2	5.85	0.91	6.76	77.4	20.0	2.2	0.4	0.7	74

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	2,417.	2,384.	98.6	9.99	0.69	10.68	68.1	27.3	4.1	0.5	3.1	100
07:00 - 10:00	8,878.	8,526.	96.0	8.90	0.82	9.72	56.3	37.5	5.3	0.8	0.3	63
10:00 - 13:00	11,059.	11,220.	101.5	7.16	0.65	7.81	67.5	30.2	2.2	0.1	0.2	75
13:00 - 16:00	10,680.	10,627.	99.5	7.43	0.70	8.13	65.1	32.1	2.4	0.3	0.3	69
16:00 - 19:00	10,262.	10,034.	97.8	7.73	0.77	8.50	61.4	34.9	3.4	0.3	0.3	49
19:00 - 22:00	8,360.	8,175.	97.8	9.75	1.03	10.78	49.2	38.9	9.7	2.1	0.4	75
22:00 - 24:00	5,427.	5,433.	100.1	10.00	0.75	10.75	49.3	40.9	8.2	1.5	0.3	58
All Locations Summary	57,083.	56,399.	98.8	8.11	0.77	8.88	60.7	34.3	4.3	0.7	0.4	100

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	38,297.	37,487.	97.9	7.82	0.41	8.23	71.9	25.2	2.7	0.3	0.3	101
07:00 - 10:00	93,249.	87,860.	94.2	5.24	1.30	6.54	78.3	19.3	2.0	0.4	2.1	74
10:00 - 13:00	96,621.	94,591.	97.9	5.25	1.18	6.43	79.9	18.2	1.6	0.3	1.6	76
13:00 - 16:00	96,020.	93,696.	97.6	5.27	1.14	6.41	79.6	18.7	1.6	0.2	1.5	69
16:00 - 19:00	95,861.	91,272.	95.2	5.23	1.58	6.81	76.5	20.4	2.4	0.7	2.8	84
19:00 - 22:00	68,183.	66,548.	97.6	7.32	1.38	8.71	61.4	31.2	6.1	1.2	1.8	77
22:00 - 24:00	32,430.	31,751.	97.9	9.94	1.04	10.98	48.3	39.2	10.0	2.5	0.6	81
All Locations Summary	520,661.	503,205.	96.6	5.78	1.28	7.06	74.9	21.7	2.8	0.6	1.9	101

Transport for London - QSI Points and Live Mileage List

v2.0 - Mileage directly imported from Caesar

TRANCHE 534

Rerouted to Leamouth

Route D3
 Service change 32646
 Date 02/10/2013

Reason for Issue

End of Vallance Rd closure

QSI Points are highlighted

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
BETHHP	BP525	London Chest Hospital		
	BP526	Peel Grove	346	0.21
BETHSN	4613	Bethnal Green Station	307	0.19
	1688	Wilmot Street	310	0.19
	BP2345	Weavers Fields	557	0.35
	BP2346	Fakruddin Street	261	0.16
	BP2593	Underwood Road	207	0.13
WCPRNR	BP2347	Royal London Hospital	431	0.27
	BP2594	Commercial Road	378	0.23
	BP1014	Chapman Street	242	0.15
	LE108	Tobacco Dock	453	0.28
	BP1869	Wapping Health Centre	320	0.20
WAPPSN	BP2350	Wapping Station	413	0.26
	BP2351	Monza Street	256	0.16
	BP2352	Shadwell Basin	230	0.14
	BP2353	King Edward Memorial Park	171	0.11
	LE225	Free Trade Wharf	373	0.23
LIMESN	BP2354	Cable Street	366	0.23
	886	Limehouse Station	266	0.17
LIMEBR	1868	Lowell Street	379	0.24
	1869	Salmon Lane	139	0.09
	887	Burdett Road	197	0.12
	36875	Limehouse Police Station	232	0.14
	15128	Westferry Station	345	0.21
CNWFSN	LE186	Cabot Square	495	0.31
	R0315	Canary Wharf Station	295	0.18
LMTHSA	BP3588	Canada Square North	214	0.13
	BP4819	Churchill Place	239	0.15
	LE235	Billingsgate Market	387	0.24
	BP2676	Oregano Drive	1194	0.74
	BP1103	Nutmeg Lane	194	0.12

Total Route Mileage - Out Director	10197	6.34
	Metres	Miles

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
LMTHSA	BP1103	Nutmeg Lane		
	BP1885	Clove Crescent	153	0.10
	BP2677	Oregano Drive	494	0.31
	LE236	Billingsgate Market	1258	0.78
	BP5950	Cartier Circle	435	0.27
R0314	Canada Square South	295	0.18	
	BP2355	Canary Wharf Station	118	0.07
CNWFSN	LE190	Columbus Courtyard	289	0.18
	LE193	Westferry Circus	148	0.09
	BP1231	Westferry Station	454	0.28
	BP638	Salter Street	108	0.07
	LIMEBR	BP107	Limehouse Police Station	159
1689	Limehouse Town Hall	282	0.18	
	1867	Lowell Street	222	0.14
LIMESN	BP081	Limehouse Station	426	0.26
	BP2337	Cable Street	189	0.12
R0758	Free Trade Wharf	376	0.23	
	BP2338	King Edward Memorial Park	459	0.29
	BP2339	Shadwell Basin	145	0.09
	BP1872	Wapping Wall	388	0.24
	WAPPSN	BP1873	Wapping Station	171
BP1868	Wapping Health Centre	278	0.17	
	LE122	Tobacco Dock	392	0.24
	BP1193	Shadwell Station	683	0.42
	BP2340	St Georges Town Hall	235	0.15
	BP1015	Chapman Street	279	0.17
BP2341	Commercial Road	168	0.10	
	WCPRNR	BP2342	Royal London Hospital	338
BP2343	Old Montague Street	389	0.24	
	BP2344	Fakruddin Street	285	0.18
	BP3115	Weavers Fields	283	0.18
	18060	Pollard Row	248	0.15
	1687	Wilmot Street	249	0.15
BETHSN	4615	Bethnal Green Station	227	0.14
	BP2591	York Hall	339	0.21
BP548	Peel Grove	156	0.10	
	BETHHP	BP525	London Chest Hospital	544

Total Route Mileage - Back Directio	11665	7.25
	Metres	Miles