

7. Service Specification

Route: U3

Contract Reference: QC56505

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	Uxbridge Station and Heathrow Airport, Central Bus Station
Contract Basis	Incentivised
Commencement Date	29 th April 2017
Vehicle Type 1	60 capacity, dual door, single deck vehicles, minimum 10.8m long
Vehicle Type 2	87 capacity, dual door, double deck vehicles
Current Maximum Approved Dimensions	10.2 metres long and 2.55 metres wide
New Vehicles Mandatory	Yes
Hybrid Price Required	Yes (Double Deck Only)
Sponsored Route	No
Advertising Rights	Operator
Minimum Performance Standard	Average Excess Wait Time - No more than 0.90 minute
Extension Threshold	Average Excess Wait Time Threshold - 0.85 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 4th July 2016.

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. U3.

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:

- Tenderers should assume that a suitable bus stand will be provided in the Uxbridge area within 5 minutes running time in each direction from Uxbridge Station.
- 60 capacity, dual door, single deck vehicles, minimum 10.8m long are specified subject to a satisfactory route test

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

- 1. Modifications to reduce emissions and fuel consumption (including energy storage, engine stop/start and/or energy efficient components).**
- 2. Zero emission vehicles (e.g. electric or fuel cell).**
- 3. Existing vehicles.**

Operators should provide the following prices:

- 1. Annual diesel price - based on minimum 5 year contract.**
- 2. Annual diesel (single deck) & diesel-electric hybrid (double deck) price - based on minimum 5 year contract.**

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Uxbridge Station to Heathrow Airport, Central Bus Station			Heathrow Airport, Central Bus Station to Uxbridge Station, Belmont Road		
First departure no later than 0420.			First departure no later than 0510.		
0415 - 0540	Every 20 minutes		0505 - 0610	Every 15 minutes	
0541 - 0655	Every 15 minutes		0611 - 1945	Every 12 minutes	
0656 - 1905	Every 12 minutes		1946 - 2015	Every 15 minutes	
1906 - 2050	Every 15 minutes		2016 - 0020	Every 20 minutes	
2051 - 2355	Every 20 minutes				
Last departure no earlier than 2350.			Last departure no earlier than 0015.		
Pinchpoints					
Wise Lane (West Drayton)	0740 - 0855	12 minutes	Hillingdon Hospital, Pield Heath Road, Royal Lane	0700 - 0900	12 minutes
	1505 - 1640	12 minutes		1455 - 1630	12 minutes

The Double Deck vehicle is required to operate at the following times:

- Ex Uxbridge Station, to pass Brunel University between 0855-0900 and between 1605-1610
- Ex Heathrow Airport, Central Bus Station to pass Brunel University between 0805-0810 and 1530-1535.

3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

INFORMATION

Uxbridge Station to Heathrow Airport, Central Bus Station			Heathrow Airport, Central Bus Station to Uxbridge Station, Belmont Road		
First departure no later than 0420.			First departure no later than 0510.		
0415 - 0520	Every 30 minutes		0505 - 0610	Every 30 minutes	
0521 - 0700	Every 20 minutes		0611 - 0710	Every 20 minutes	
0701 - 0900	Every 15 minutes		0711 - 0855	Every 15 minutes	
0901 - 1815	Every 12 minutes		0856 - 1800	Every 12 minutes	
1816 - 1930	Every 15 minutes		1801 - 1900	Every 15 minutes	
1931 - 2355	Every 20 minutes		1901 - 0020	Every 20 minutes	
Last departure no earlier than 2350.			Last departure no earlier than 0015.		
Pinchpoints					
Wise Lane (West Drayton)	0940 - 1140	12 minutes	Hillingdon Hospital, Pield Heath Road, Royal Lane	0930 - 1130	12 minutes

3) SCHEDULE REQUIREMENTS & PINCHPOINTS - Continued

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

Uxbridge Station to Heathrow Airport, Central Bus Station			Heathrow Airport, Central Bus Station to Uxbridge Station, Belmont Road		
First departure no later than 0420.			First departure no later than 0510.		
0415 - 0750	Every 30 minutes		0505 - 0840	Every 30 minutes	
0751 - 2355	Every 20 minutes		0841 - 0020	Every 20 minutes	
Last departure no earlier than 2350.			Last departure no earlier than 0015.		
Pinchpoints					
Wise Lane (West Drayton)	1030 - 1230	20 minutes	Hillingdon Hospital, Pield Heath Road, Royal Lane	1020 - 1220	20 minutes

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

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. U3 can suffer from unpredictable traffic delays in the Uxbridge area.

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 U3: Uxbridge Station - Heathrow Airport, Central Bus Station

Date of Structural Change: 29 April 2017.

Date of Service Change: 29 April 2017.

Reason for Issue: New Tender.

STREETS TRAVERSED

Towards Heathrow Airport, Central Bus Station: Uxbridge Bus Station, Bakers Road, Belmont Road, Uxbridge High Street, Harefield Road, Oxford Road Roundabout, Oxford Road, Cross Street, Vine Street, Uxbridge High Street, Hillingdon Road, The Greenway, Cleveland Road, Church Road, Pield Heath Road, Colham Green Road, Violet Avenue, Apple Tree Avenue, Falling Lane, West Drayton High Street, Station Approach, Turning Circle, Station Approach, West Drayton High Street, Station Road, Swan Road, The Green, Mill Road, Wise Lane, Rowan Road, Laurel Lane, Harmondsworth Road, Holloway Lane, Hatch Lane, Colnbrook By-Pass, Bath Road, Sipson Road, Nene Road, East Ramp, Tunnel Road East, Inner Ring East, Heathrow Airport Central Bus Station.

Towards Uxbridge Station: Heathrow Airport Central Bus Station, Inner Ring West, Tunnel Road West, West Ramp, Newport Road Roundabout, Newport Road, Bath Road, Colnbrook By-Pass, Hatch Lane, Holloway Lane, Harmondsworth Road, Laurel Lane, Rowan Road, Wise Lane, Mill Road, The Green, Swan Road, Station Road, West Drayton High Street, Station Approach, Turning Circle, Station Approach, West Drayton High Street, Falling Lane, Apple Tree Avenue, Violet Avenue, Colham Green Road, Pield Heath Road, Church Road, Cleveland Road, The Greenway, Hillingdon Road, Uxbridge High Street, Vine Street, Hillingdon Road, Cowley Road, Trumper Way, Oxford Road, Oxford Road Roundabout, Harefield Road, Uxbridge High Street, Belmont 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.

DUMMY STAND WITHIN 5 MINUTES

Dummy stand to be used for specifications where a stand definition is unknown but will be within 5 minutes of the set down and pick up points.

Buses proceed from Belmont Road direct to stand, departing to Uxbridge Bus Station. Set down in Belmont Road, At stop D (BP3290 - Belmont Road, Last Stop on LOR: BP3290 - Belmont Road) and pick up in Uxbridge Bus Station, At stop M (23061 - Uxbridge Station <>, First Stop on LOR: 23061 - Uxbridge Station <>).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 1 bus on Route U3 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:	Uxbridge Station.

HILLINGDON HOSPITAL (from HEATHROW AIRPORT, CENTRAL BUS STATION)

Buses proceed from Pield Heath Road via Kingston Lane departing to Pield Heath Road. Set down in Pield Heath Road, at stop HA (16379 - Hillingdon Hospital, Last Stop on LOR: 16379 - Hillingdon Hospital) and pick up in Pield Heath Road, at stop HB (16380 - Hillingdon Hospital, First Stop on LOR: 16380 - Hillingdon Hospital).

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

WEST DRAYTON STATION [EAST] (from Uxbridge Station)

Private stand on south side of West Drayton Station Approach, commencing 67 metres east of the eastern kerbline of High Street Yiewsley at stop BP3567 point Z2.

Buses proceed from Station Approach direct to stand, departing to Station Approach. Set down in Station Approach, at Stop F (20978 - West Drayton Station #, Last Stop on LOR: 20978 - West Drayton Station #) and pick up in Station Approach, at Stop E (16394 - West Drayton Station #, First Stop on LOR: 16394 - West Drayton 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:	West Drayton.

WEST DRAYTON STATION (from HEATHROW AIRPORT, CENTRAL BUS STATION)

Private stand for one bus on north side of West Drayton Station Approach, commencing 70 metres east of the eastern kerbline of High Street Yiewsley.

Buses proceed from Station Approach via Turning Circle and Station Approach to stand, departing via Station Approach and Turning Circle to Station Approach. Set down in Station Approach, at Stop E (16394 - West Drayton Station #, Last Stop on LOR: 16394 - West Drayton Station #) and pick up in Station Approach, at Stop F (20978 - West Drayton Station #, First Stop on LOR: 20978 - West Drayton 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:	West Drayton.

HARMONDSWORTH, HATCH LANE (from Uxbridge Station)

Buses proceed from Hatch Lane via Colnbrook By-Pass (Westbound), U-Turn Through Central Reservation, Colnbrook By-Pass and A3044 departing to Hatch Lane. Set down in Hatch Lane, at Stop C (19184 - Skyport Drive, Last Stop on LOR: 19184 - Skyport Drive) and pick up in Hatch Lane, at Stop M (19183 - Skyport Drive, First Stop on LOR: 19183 - Skyport Drive).

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

HEATHROW AIRPORT, CENTRAL BUS STATION

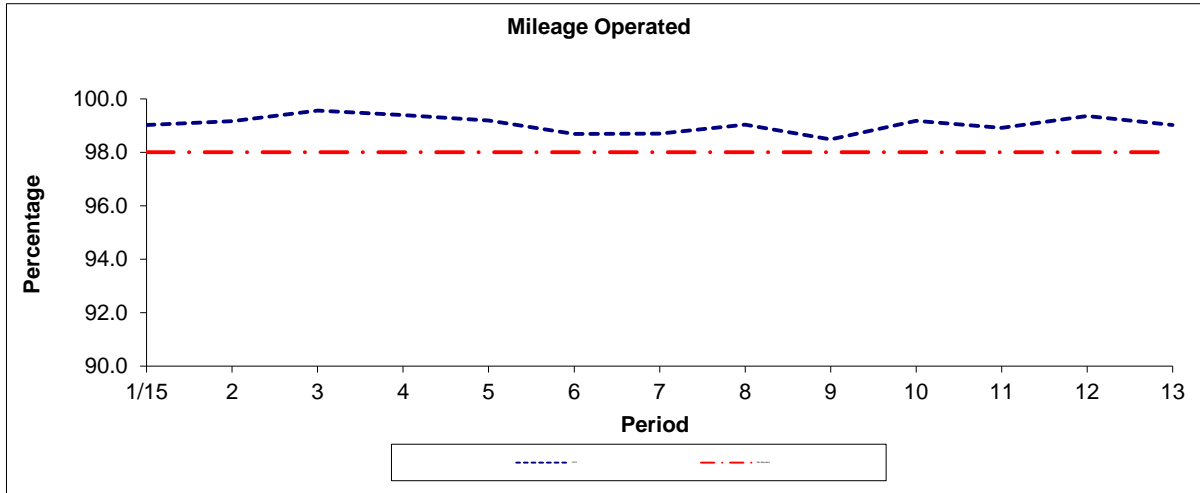
Private stand for 10 buses in marked bays on north side of Heathrow Airport Central Bus Station.

Buses proceed from Heathrow Airport Central Bus Station via Bus Parking Area to stand, departing via Bus Parking Area to Heathrow Airport Central Bus Station. Set down in Heathrow Airport Central Bus Station, at Allighting Point (OC901 - Heathrow Central Bus Station, Last Stop on LOR: OC901 - Heathrow Central Bus Station) and pick up in Heathrow Airport Central Bus Station, at Stand 18 (BP5116 - Heathrow Central Bus Station, First Stop on LOR: BP5116 - Heathrow Central Bus Station).

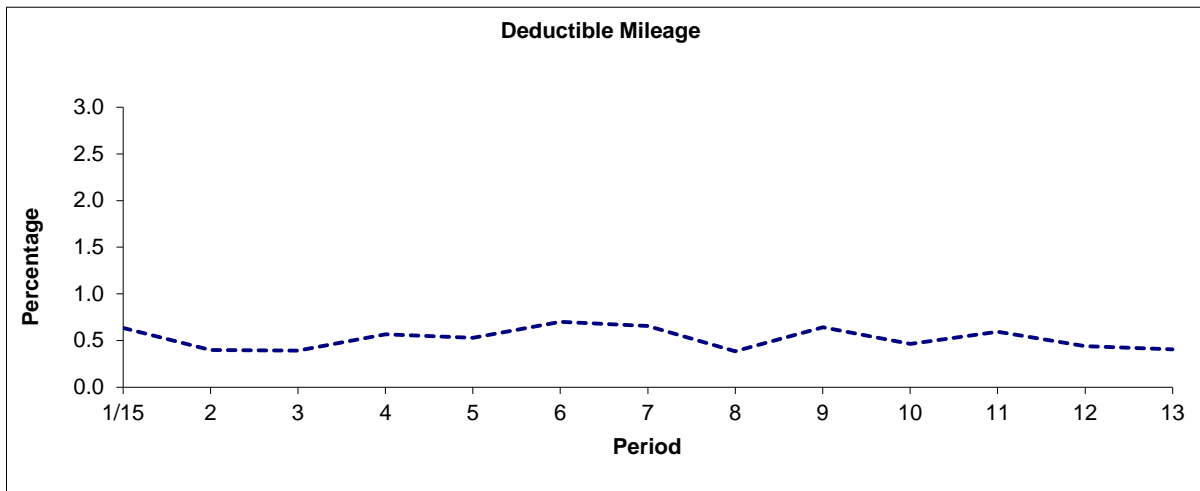
AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 1 bus on Route U3 should be scheduled to stand at any one time.
MEAL RELIEFS:	No meal relief vehicles to stand at any time.
FERRY VEHICLES:	No ferry vehicles to park on stand at any time.
BLIND DISPLAY:	Heathrow Central.
OTHER INFORMATION:	Toilet facilities available (24 hours). Buses must only stand within the layover area in the bus station. Buses must not be left unattended at any other location.

PART B - PERFORMANCE STATISTICS

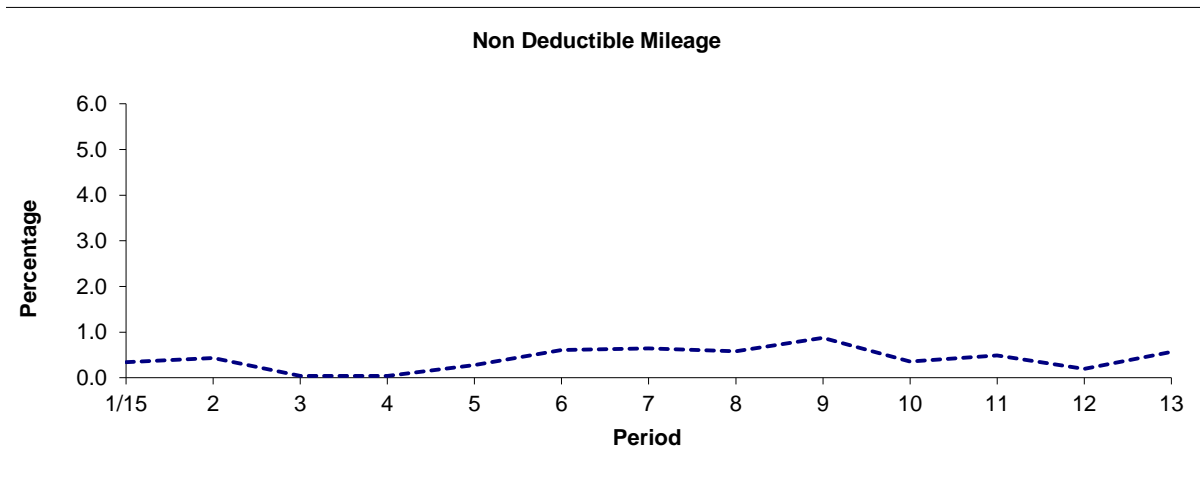
Route U3



Period	1/15	2	3	4	5	6	7	8	9	10	11	12	13
2015	99.02	99.16	99.57	99.39	99.19	98.69	98.70	99.03	98.48	99.18	98.92	99.36	99.03
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	1/15	2	3	4	5	6	7	8	9	10	11	12	13
2015	0.63	0.40	0.39	0.57	0.53	0.70	0.66	0.39	0.64	0.46	0.59	0.44	0.41

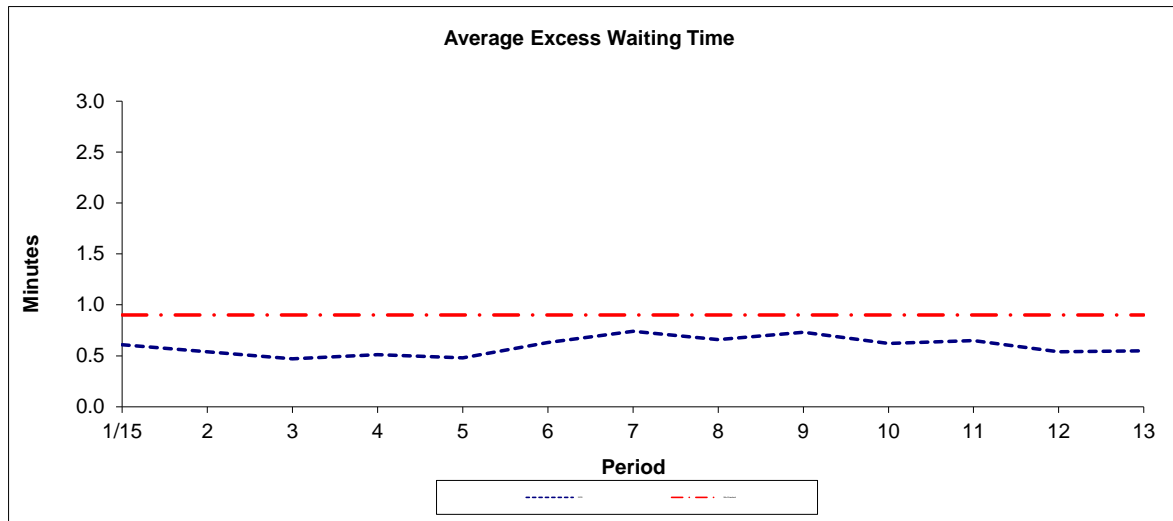


Period	1/15	2	3	4	5	6	7	8	9	10	11	12	13
2015	0.34	0.44	0.04	0.04	0.28	0.61	0.64	0.58	0.87	0.35	0.49	0.20	0.57

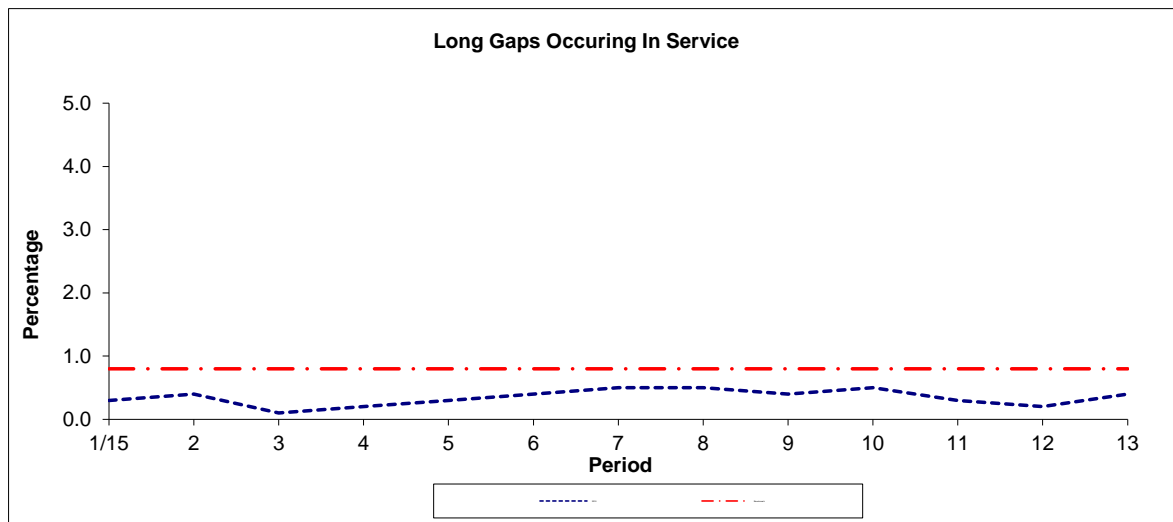
Note : Mileage is based on 4 weeks data

PART B - PERFORMANCE STATISTICS

Route U3



Period	1/15	2	3	4	5	6	7	8	9	10	11	12	13
2015	0.61	0.54	0.47	0.51	0.48	0.63	0.74	0.66	0.73	0.62	0.65	0.54	0.55
Min Standard	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90



Period	1/15	2	3	4	5	6	7	8	9	10	11	12	13
2015	0.3	0.4	0.1	0.2	0.3	0.4	0.5	0.5	0.4	0.5	0.3	0.2	0.4
Benchmark	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

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

ROUTE U3 - FULL iBUS RESULTS BY TIME OF DAY
QUARTERS 1 TO 4 15/16 (01/04/15 - 31/03/16)

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	25,249.	25,204.	99.8	7.48	0.32	7.80	72.0	26.6	1.3	0.1	0.0	66
07:00 - 10:00	53,127.	52,561.	98.9	5.83	0.58	6.41	79.5	19.9	0.6	0.1	0.2	54
10:00 - 13:00	51,688.	51,084.	98.8	5.97	0.55	6.52	78.6	20.8	0.6	0.0	0.2	64
13:00 - 16:00	52,950.	51,684.	97.6	5.91	0.66	6.57	78.2	20.9	0.8	0.1	0.3	54
16:00 - 19:00	51,872.	50,677.	97.7	5.94	0.97	6.90	75.7	22.3	1.7	0.3	0.9	65
19:00 - 22:00	40,367.	40,194.	99.6	7.32	0.62	7.94	65.3	31.4	3.1	0.3	0.4	69
22:00 - 24:00	19,320.	19,438.	100.6	10.00	0.49	10.49	50.5	41.3	7.5	0.7	0.1	84
Locations	294,573.	290,842.	98.7	6.28	0.67	6.96	75.2	23.2	1.5	0.2	0.4	84

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	3,313.	3,270.	98.7	12.39	0.14	12.53	47.5	39.6	11.6	1.4	1.4	59
07:00 - 10:00	8,803.	8,894.	101.0	7.22	0.33	7.55	71.8	27.3	0.9	0.1	0.0	55
10:00 - 13:00	10,515.	10,374.	98.7	6.00	0.43	6.43	79.0	20.6	0.4	0.0	0.1	29
13:00 - 16:00	10,540.	10,533.	99.9	6.00	0.48	6.48	79.1	20.5	0.4	0.0	0.1	36
16:00 - 19:00	10,380.	10,316.	99.4	6.13	0.46	6.59	77.1	22.5	0.4	0.0	0.1	38
19:00 - 22:00	6,899.	6,814.	98.8	9.09	0.39	9.48	53.5	41.1	5.3	0.2	0.0	41
22:00 - 24:00	4,236.	4,275.	100.9	10.00	0.32	10.32	50.9	42.1	6.7	0.3	0.0	52
Locations	54,686.	54,476.	99.6	6.99	0.42	7.40	71.8	26.3	1.8	0.1	0.1	59

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	2,958.	2,947.	99.6	14.87	0.16	15.03	37.2	31.4	28.4	2.9	1.5	88
07:00 - 10:00	6,086.	6,209.	102.0	12.42	-0.01	12.41	44.9	40.2	13.6	1.2	0.0	59
10:00 - 13:00	7,542.	7,405.	98.2	9.82	0.33	10.15	50.6	43.4	5.7	0.3	0.0	59
13:00 - 16:00	7,575.	7,589.	100.2	9.83	0.28	10.10	51.2	43.0	5.5	0.2	0.0	47
16:00 - 19:00	7,655.	7,662.	100.1	9.82	0.27	10.09	51.2	43.2	5.2	0.3	0.1	60
19:00 - 22:00	7,624.	7,471.	98.0	9.77	0.37	10.14	50.3	43.8	5.6	0.2	0.0	44
22:00 - 24:00	4,944.	5,009.	101.3	10.00	0.14	10.14	51.4	43.8	4.7	0.1	0.0	43
Locations	44,384.	44,292.	99.8	10.21	0.26	10.48	50.0	42.7	6.9	0.4	0.1	88

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	31,520.	31,421.	99.7	8.48	0.29	8.77	67.2	28.1	4.3	0.4	0.3	88
07:00 - 10:00	68,016.	67,664.	99.5	6.30	0.53	6.83	77.0	21.5	1.4	0.1	0.2	59
10:00 - 13:00	69,745.	68,863.	98.7	6.47	0.50	6.98	75.0	23.7	1.2	0.1	0.1	64
13:00 - 16:00	71,065.	69,806.	98.2	6.41	0.59	6.99	75.0	23.6	1.3	0.1	0.3	54
16:00 - 19:00	69,907.	68,655.	98.2	6.36	0.84	7.19	73.4	24.5	1.9	0.3	0.7	65
19:00 - 22:00	54,890.	54,479.	99.3	7.87	0.55	8.42	61.8	34.3	3.7	0.3	0.3	69
22:00 - 24:00	28,500.	28,722.	100.8	10.00	0.41	10.41	50.7	41.7	7.0	0.6	0.1	84
Locations	393,643.	389,610.	99.0	6.79	0.60	7.38	72.1	25.6	2.1	0.2	0.3	88

Transport for London - QSI Points and Live Mileage List

v2.0 - Mileage directly imported from Caesar

TRANCHE 565

Route U3
Service change 30091
Date 17/03/2012
QSI Points are highlighted

Reason for Issue

Mileage update

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
UXBRSN	23061	Uxbridge Station		
	34836	Uxbridge High Street	282	0.17
	34774	Crown Walk	478	0.30
	35013	Vine Street	383	0.24
	3153	St Andrews Church	434	0.27
	3151	Manor Way	264	0.16
	BP1928	Uxbridge High School	635	0.39
BRNLUV	BP1929	Brunel University	578	0.36
	BP1930	Huxley Close	421	0.26
	BP1931	St Laurence Church	153	0.10
	BP1932	Pield Heath	296	0.18
	BP1933	Peel Way	277	0.17
HILLHPR	16380	Hillingdon Hospital	383	0.24
	16381	Colham Road	208	0.13
	BP1934	Violet Avenue	534	0.33
FLNLAT	16386	Apple Tree Avenue	1009	0.63
	20477	Otterfield Road	471	0.29
	16389	Yiewsley Library	441	0.27
	16391	Yiewsley High Street	319	0.20
WDRASN	20978	West Drayton Station	416	0.26
	17645	Ferrers Avenue	277	0.17
	20900	Swan Road	458	0.28
	BP1935	The Green	303	0.19
	BP1936	Mill Road	198	0.12
	BP1937	Roseary Close	438	0.27
WISELN	BP1938	Magnolia Street	126	0.08
	BP1939	Great Benty	177	0.11
	BP1940	Longmead Primary School	212	0.13
	BP390	Berberis Walk	348	0.22
	27911	Harmondsworth Road	330	0.21
	19180	Harmondsworth Lane	923	0.57
	19182	Candover Close	499	0.31
	19184	Skyport Drive	365	0.23
HTCHLN	3328	Pingleshone Close	243	0.15
	17146	Compass Centre	459	0.29
	3420	Newport Road	502	0.31
	27307	Sipson Way / Blunts Avenue	402	0.25
HTWABS	OC901	Heathrow Central Bus Station	1743	1.08
Total Route Mileage - Out Direction			15985	9.93
			Metres	Miles

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
HTWABS	BP5116	Heathrow Central Bus Station		
	29172	Newport Road	1674	1.04
	3421	Newport Road	453	0.28
	17147	Compass Centre	444	0.28
HTCHLN	3327	Pingleshone Close	386	0.24
	19183	Skyport Drive	228	0.14
	19181	Candover Close	381	0.24
	19179	Harmondsworth Lane	426	0.26
	27910	Harmondsworth Road	1086	0.67
	BP1941	Berberis Walk	288	0.18
	BP681	Longmead Primary School	304	0.19
	BP1942	Great Benty	188	0.12
WISELN	BP1943	Magnolia Street	104	0.06
	BP1944	Roseary Close	211	0.13
	BP1955	Mill Road	335	0.21
	BP1946	The Green	316	0.20
	34212	Swan Road	346	0.21
	17646	Ferrers Avenue	408	0.25
WDRASN	16394	West Drayton Station	369	0.23
	16390	Yiewsley High Street	363	0.23
	R0459	Yiewsley Library	367	0.23
	20478	Milburn Drive	394	0.24
FLNLAT	16387	Apple Tree Avenue	435	0.27
	BP1947	Violet Avenue	1053	0.65
	14113	Colham Road	355	0.22
HILLHPR	16379	Hillingdon Hospital	320	0.20
	BP3351	Peel Way	385	0.24
	BP1948	St Laurence Church	524	0.33
	BP1949	Huxley Close	157	0.10
BRNLUV	BP1950	Brunel University	507	0.32
	BP1951	Villier Street	329	0.20
	BP1952	Uxbridge High School	230	0.14
	3152	Manor Way	547	0.34
	3228	St Andrew's Church	321	0.20
	BP1609	Civic Centre	285	0.18
	34773	Crown Walk	661	0.41
UXBRBR	BP3290	Belmont Road	677	0.42
Total Route Mileage - Back Direction			15857	9.85
			Metres	Miles