

7. Service Specification

Route: 216

Contract Reference QC41401

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	Staines Bus Station, Bay 6 to Kingston, Cromwell Road Bus Station
Contract Basis	Incentivised
Commencement Date	29 th June 2013
Vehicle Type	60 capacity, dual door, single deck, minimum 10.8m long
Current Maximum Approved Dimensions	10.1 metres long and 2.4 metres wide
New Vehicles Mandatory	Yes
Hybrid Price Required	No
Sponsored Route	No
Minimum Performance Standard	Departing on Time - No less than 82.00%
Extension Threshold	Departing on Time Threshold - 86.00%
Advertising Rights	Operator
Minimum Operated Mileage Standard	No less than 98.00%

The Date of Tender for this ITT is: No later than 12 Noon on 25th June 2012

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. 216.

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 of a minimum of 10.8 metres long buses will be specified, subject to a satisfactory route test.
- Currently, ex Kingston, Cromwell Road Bus Station, first departures on Mondays to Saturdays and Sundays are non standardised. The first departure on Sundays is retimed by 5 minutes from 0620 to 0625 to rectify this.
- The Boxing Day service should match the Sunday service.
- **Tenderers must identify the cost of the Boxing Day element of this service separately.**

Requirements for Registration:

The section of Route No. 216 between Staines Bus Station and the Surrey County Boundary at Portlane Bridge, Upper Sunbury Road/Staines Road East will need to be registered with the Traffic Commissioner for the South Eastern and Metropolitan Traffic Area 56 days before the operation commences. The registration should be sent to:

South Eastern and Metropolitan Traffic Area Office
Hillcrest House
386 Harehills Lane
LEEDS
LS9 6NF

Copies of the registration should be sent to:

Principal Transport Officer
Passenger Transport
Surrey County Council
County Hall
Penrhyn Road
Kingston upon Thames
KT1 2DY

and to:
Bus and Coach Licensing Manager,
Consultation Delivery
TfL Surface Transport
11th Floor, Zone G8
Palestra
197 Blackfriars Road
London
SE1 8NJ
e-mail: lsp@tfl.gov.uk

The cost of this and any future variation to this registration are to be met by the Operator.

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Staines Bus Station, Bay 6 to Kingston, Cromwell Road Bus Station		Kingston, Cromwell Road Bus Station to Staines Bus Station, Bay 6			
First departure no later than 0605.		First departure no later than 0625.			
0600 - 1830	Every 20 minutes	0620 - 1830	Every 20 minutes		
1831 - 2335	Every 30 minutes	1831 - 0035	Every 30 minutes		
Last departure no earlier than 2330.		Last departure no earlier than 0030.			
Pinchpoints					
Hampton Station	0740 - 0900	20 minutes	Ashford, Town Tree Road	0725 - 0905	20 minutes
	1520 - 1700	20 minutes		1450 - 1650	20 minutes

3.2) MONDAY TO FRIDAY SCHOOLDAYS SCHEDULE REQUIREMENTS

Staines Bus Station, Bay 6 to Kingston, Cromwell Road Bus Station		Kingston, Cromwell Road Bus Station to Staines Bus Station, Bay 6	
0732	One journey	1440	One journey

The journeys shown in Section 3.2 are specifically designed to meet the start and finish times of schools in the Sunbury Cross area.

3.3) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Staines Bus Station, Bay 6 to Kingston, Cromwell Road Bus Station		Kingston, Cromwell Road Bus Station to Staines Bus Station, Bay 6			
First departure no later than 0605.		First departure no later than 0625.			
0600 - 0735	Every 30 minutes	0620 - 0725	Every 30 minutes		
0736 - 1805	Every 20 minutes	0726 - 1830	Every 20 minutes		
1806 - 2335	Every 30 minutes	1831 - 0035	Every 30 minutes		
Last departure no earlier than 2330.		Last departure no earlier than 0030.			
Pinchpoints					
Hampton Station	0905 - 1045	20 minutes	Ashford, Town Tree Road	0915 - 1055	20 minutes

3.4) SUNDAY AND PUBLIC HOLIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Staines Bus Station, Bay 6 to Kingston, Cromwell Road Bus Station		Kingston, Cromwell Road Bus Station to Staines Bus Station, Bay 6			
First departure no later than 0605.		First departure no later than 0625.			
0600 - 2335	Every 30 minutes	0620 - 0035	Every 30 minutes		
Last departure no earlier than 2330.		Last departure no earlier than 0030.			
Pinchpoints					
Hampton Station	1035 - 1205	30 minutes	Ashford, Town Tree Road	1010 - 1140	30 minutes

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

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. 216 should be separated from Route No. 111 between Kingston, Cromwell Road Bus Station and Hampton Station where possible.
- 4.2) When compiling schedules Tenderers are asked to consider passengers making connections to other services at the following locations:
Hampton Rail Station, Sunbury Rail Station and Ashford Rail Station (Surrey).
- 4.3) Route No. 216 can suffer unpredictable traffic delays in the Kingston, Hampton and Staines areas.
- 4.4) Delays occur in the Sunbury area on Kempton Park race days.
- 4.5) Severe delays occur in the Hampton Court area in mid July due to the annual flower show.

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 216: Staines Bus Station - Kingston, Cromwell Road Bus Station

Date of Structural Change: 29 June 2013.

Date of Service Change: 29 June 2013.

Reason for Issue: New Tender..

STREETS TRAVERSED

Towards Kingston, Cromwell Road Bus Station: Staines Bus Station, South Street, Staines High Street, London Road, Crooked Billet Roundabout, London Road, Stanwell Road, Church Road, Feltham Road, Convent Road, Feltham Hill Road, Chertsey Road, Staines Road West, Escot Road, Tesco Access Road, Escot Road, Staines Road West, Sunbury Cross, Green Street, Church Street, Thames Street, Lower Hampton Road, Harfield Road, Staines Road East, Upper Sunbury Road, Percy Road, Station Road, Hampton High Street, Thames Street, Hampton Court Road, Hampton Court Roundabout, Hampton Court Road, Kingston Bridge, Clarence Street, Horse Fair, Clarence Street, Wood Street, Kingsgate Road, Sopwith Way, Richmond Road, Cromwell Road.

Towards Staines Bus Station: Cromwell Road Bus Station, Cromwell Road, Contraflow Bus Lane, Wood Street, Clarence Street, Horse Fair, Kingston Bridge, Hampton Court Road, Hampton Court Roundabout, Hampton Court Road, Thames Street, Hampton High Street, Station Road, Percy Road, Upper Sunbury Road, Staines Road East, Harfield Road, Lower Hampton Road, Thames Street, Green Street, Sunbury Cross, Staines Road West, Escot Road, Tesco Access Road, Escot Road, Staines Road West, Chertsey Road, Feltham Hill Road, Convent Road, Town Tree Road, Church Road, Stanwell Road, London Road, Crooked Billet Roundabout, London Road, Staines High Street, South Street, Staines Bus Station.

AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

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

STAINES BUS STATION, STAND 6

Private stand for 1 bus at Stop 6 in Staines Bus Station on west side of South Street. Buses proceed from Staines Bus Station direct to stand, departing to Staines Bus Station. Set down in Staines Bus Station, at Bay 6 (OC708 - Staines Bus Station, Last Stop on LOR: OC708 - Staines Bus Station) and pick up in Staines Bus Station, at Bay 6 (OC708 - Staines Bus Station, First Stop on LOR: OC708 - Staines Bus Station).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: No more than 2 buses on Route 216 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: Staines.
OTHER INFORMATION: Toilet facilities available in the Shopping Centre Mon-Sat 0900-1900 and Sunday 1000-1600.

ASHFORD HOSPITAL (from Kingston, Cromwell Road Bus Station)

Private stand for two buses in the grounds of Ashford Hospital on the north side of the access road, commencing 6 metres east of lamp standard 3 extending 24 metres west. Buses proceed from Stanwell Road via Town Lane and Private Road In Ashford Hospital Grounds to stand, departing via Private Road In Ashford Hospital Grounds and Town Lane to Stanwell Road. Set down in Stanwell Road (BP659 - London Road, Last Stop on LOR: BP659 - London Road) and pick up in Stanwell Road (16908 - London Road, First Stop on LOR: 16908 - London 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: Ashford Hospital.

SUNBURY, TESCO

Public stand for one bus in lay-by on the south side of the Tesco Superstore service road, opposite the filling station.

From Kingston, Cromwell Road Bus Station.

Buses proceed from Tesco Access Road direct to stand, departing to Tesco Access Road. Set down in Tesco Access Road (BP2494 - Sunbury Tesco, Last Stop on LOR: BP2494 - Sunbury Tesco) and pick up in Tesco Access Road (BP2494 - Sunbury Tesco, First Stop on LOR: BP2494 - Sunbury Tesco).

From Staines Bus Station.

Buses proceed from Tesco Access Road direct to stand, departing to Tesco Access Road. Set down in Tesco Access Road (BP2494 - Sunbury Tesco, Last Stop on LOR: BP2494 - Sunbury Tesco) and pick up in Tesco Access Road (BP2494 - Sunbury Tesco, First Stop on LOR: BP2494 - Sunbury Tesco).

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:	Sunbury, Tesco.

SUNBURY CROSS

From Kingston, Cromwell Road Bus Station.

Buses proceed from Green Street via Sunbury Cross departing to Green Street. Set down in Green Street (17139 - Sunbury Station #, Last Stop on LOR: 17139 - Sunbury Station #) and pick up in Green Street (17756 - St Ignatius Church, First Stop on LOR: 17756 - St Ignatius Church).

From Staines Bus Station.

Buses proceed from Staines Road West via Sunbury Cross departing to Staines Road West. Set down in Staines Road West (4584 - Sunbury Cross, Last Stop on LOR: 4584 - Sunbury Cross) and pick up in Staines Road West (4583 - Sunbury Cross, First Stop on LOR: 4583 - Sunbury Cross).

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

SUNBURY VILLAGE, THREE FISHES (from STAINES BUS STATION)

Public stand for two buses on east side of Green Street, commencing at southern boundary wall of public car park opposite Forge Lane and extending 25 metres north.
Buses proceed from Green Street direct to stand, departing via Green Street, Church Street and Thames Street to Green Street. Set down in Green Street (BP3596 - Three Fishes, Last Stop on LOR: BP3596 - Three Fishes) and pick up in Green Street (16890 - Three Fishes, First Stop on LOR: 16890 - Three Fishes).

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: Sunbury Village.

HAMPTON STATION, STATION ROAD (from Kingston, Cromwell Road Bus Station)

Public stand for 1 bus on north side of Station Road on south side of Hampton Station outside Station House and extending 14.5 metres west.
Buses proceed from Station Road via Tudor Road, Station Approach, Ashley Road, Percy Road and Station Road to stand, departing to Station Road. Set down in Station Road, on Stand (34248 - Hampton Station #, Last Stop on LOR: 16871 - Hampton & Richmond Borough F C) and pick up in Station Road, at Stop D (16874 - Hampton Station #, First Stop on LOR: 16874 - Hampton 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: Hampton Station.

HAMPTON STATION, ASHLEY ROAD (from STAINES BUS STATION)

Public stand on north side of Ashley Road on north side of Hampton Station commencing opposite No. 58 and extending 11 metres west.
Buses proceed from Percy Road via Ashley Road to stand, departing via Ashley Road, Station Approach and Tudor Road to Station Road. Set down in Ashley Road, at Alighting Point (BP2681 - Hampton Station, Last Stop on LOR: 3599 - Percy Road) and pick up in Station Road, at Stop K (16873 - Hampton Station #, First Stop on LOR: 16873 - Hampton 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: Hampton Station.

HAMPTON COURT GREEN, HAMPTON COURT ROAD (from STAINES BUS STATION)

Public stand for one bus in layby on north side of Hampton Court Road, 46 metres west of Hampton Court roundabout.

Buses proceed from Hampton Court Road direct to stand, departing via Hampton Court Road and Hampton Court Roundabout to Hampton Court Road. Set down in Hampton Court Road, at Stop D (19580 - Hampton Court Green / Cardinal Wolsey, Last Stop on LOR: 19580 - Hampton Court Green / Cardinal Wolsey) and pick up in Hampton Court Road, at Stop E (19579 - Hampton Court Green / Cardinal Wolsey, First Stop on LOR: 19579 - Hampton Court Green / Cardinal Wolsey).

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:	Hampton Court.

HAMPTON WICK ROUNDABOUT (from STAINES BUS STATION)

Buses proceed from Hampton Court Road via Hampton Court Roundabout departing to Hampton Court Road. Set down in Hampton Court Road, D (19580 - Hampton Court Green / Cardinal Wolsey, Last Stop on LOR: 19580 - Hampton Court Green / Cardinal Wolsey) and pick up in Hampton Court Road, E (19579 - Hampton Court Green / Cardinal Wolsey, First Stop on LOR: 19579 - Hampton Court Green / Cardinal Wolsey).

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

KINGSTON, CROMWELL ROAD BUS STATION

Private stand for 12 buses in marked bays in Cromwell Road Bus Station on north side of Cromwell Road. Buses to stand as follows:

Bays A5/A6 - Route 285,

Bays A7/A8 - Route 111,

Bay A9 - Route 216,

Bay A10 - Route 411,

Bay A11 - other operators,

Bay A12 - Route 481 and other operators,

Bay A13 - Route K1,

Bays A14/A15 - Route 71,

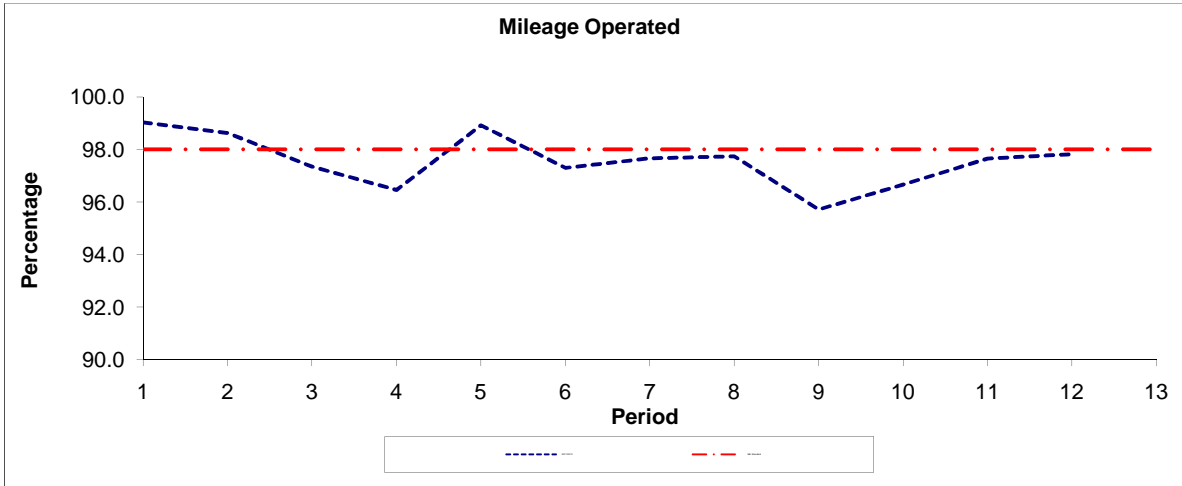
Bay A16 - Route 465.

Buses proceed from Cromwell Road via Cromwell Road Bus Station to stand, departing to Cromwell Road Bus Station. Set down in Cromwell Road, at Stop A2 (BP1084 - Cromwell Road Bus Station, Last Stop on LOR: BP1084 - Cromwell Road Bus Station) and pick up in Cromwell Road Bus Station, at Stop A9 (BP1124 - Cromwell Road Bus Station, First Stop on LOR: BP1124 - Cromwell Road Bus Station).

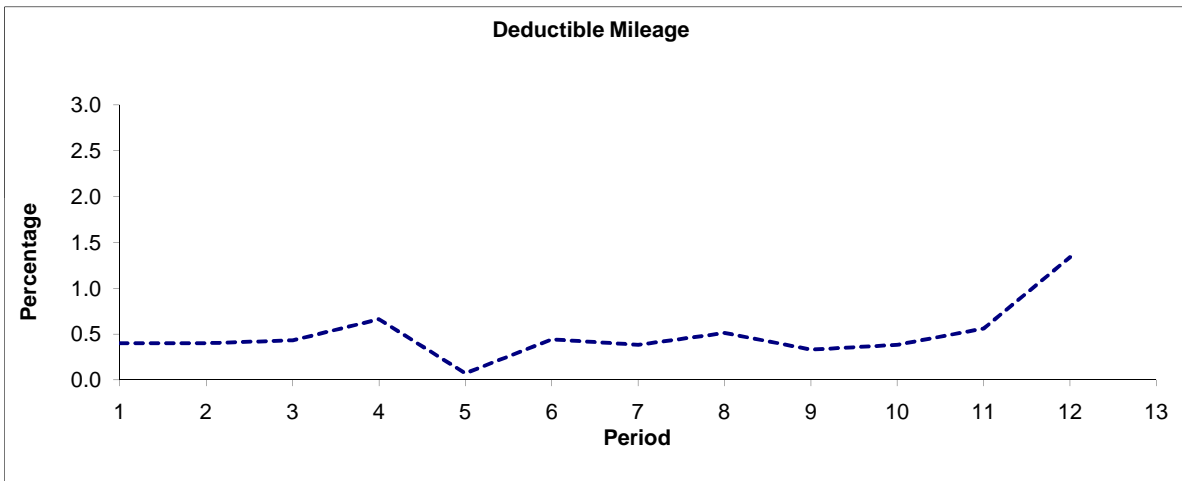
AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 1 buses on Route 216 should be scheduled to stand at any one time.
MEAL RELIEFS:	No meal relief vehicles to stand at any time.
FERRY VEHICLES:	No ferry vehicles to park on stand at any time.
BLIND DISPLAY:	Kingston.
OTHER INFORMATION:	All buses must be fitted with an audible-warning device. LBSL toilets available 24 hours a day.

PART B - PERFORMANCE STATISTICS

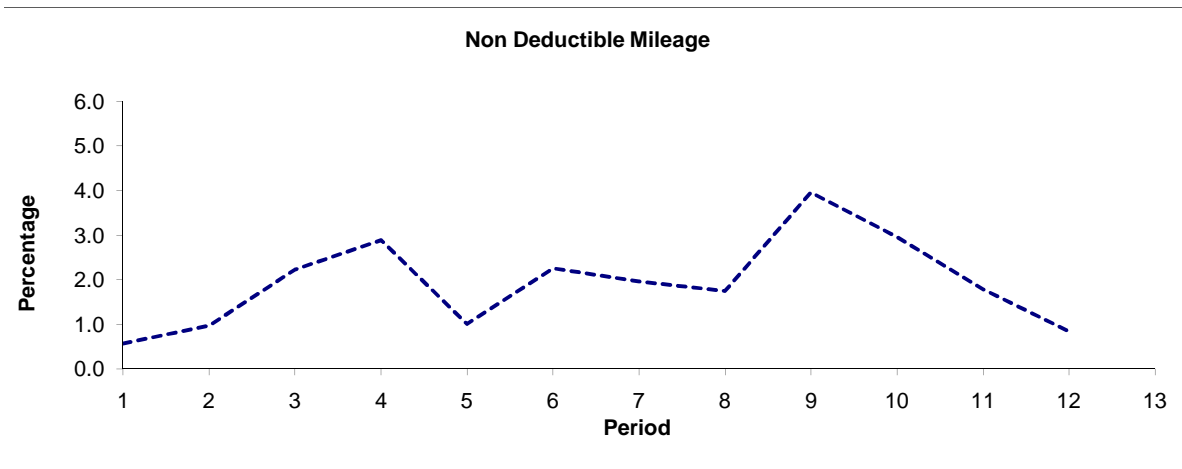
Route 216



Period	1	2	3	4	5	6	7	8	9	10	11	12	13
2011/2012	99.03	98.63	97.34	96.45	98.92	97.30	97.66	97.74	95.71	96.66	97.65	97.82	
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	2	3	4	5	6	7	8	9	10	11	12	13
2011/2012	0.40	0.40	0.43	0.66	0.07	0.44	0.38	0.51	0.33	0.38	0.56	1.34	

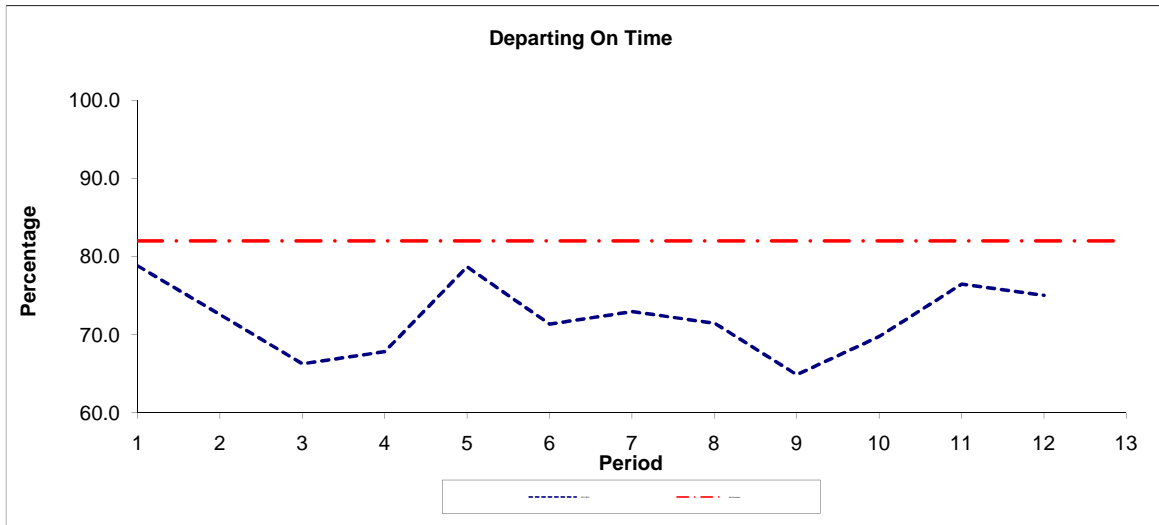


Period	1	2	3	4	5	6	7	8	9	10	11	12	13
2011/2012	0.57	0.97	2.23	2.89	1.01	2.26	1.96	1.75	3.96	2.96	1.79	0.84	

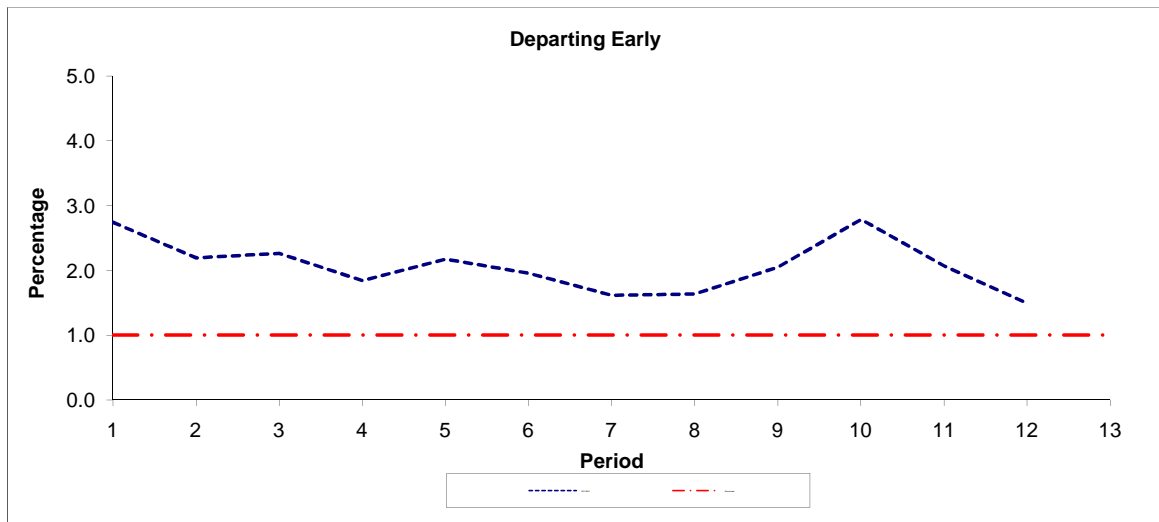
Note : Mileage is based on 4 weeks data

PART B - PERFORMANCE STATISTICS

Route 216



Period	1	2	3	4	5	6	7	8	9	10	11	12	13
2011/2012	78.81	72.56	66.23	67.82	78.68	71.34	72.93	71.47	64.85	69.73	76.46	75.02	
Min Standard	82.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00



Period	1	2	3	4	5	6	7	8	9	10	11	12	13
2011/2012	2.74	2.19	2.26	1.84	2.17	1.95	1.61	1.63	2.05	2.78	2.07	1.49	
Benchmark	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

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

ROUTE 216 - FULL iBUS RESULTS BY TIME OF DAY QUARTERS 1 to 3 2011/12 (01/04/11 - 06/01/12)

MONDAY - FRIDAY

Time Period	Expected Buses	On AVL (%)	Linked (%)	Departing On Time (%)	Non Arrival / Not Linked (%)	Departing 8 - 2.5 mins Early (%)	Departing 5 - 15 mins Late (%)
0500 - 0700	9,182.	90.8	98.2	85.1	1.7	0.1	13.1
0700 - 1000	44,197.	98.2	96.0	74.3	4.4	3.8	17.5
1000 - 1300	44,117.	98.1	96.4	72.4	4.1	1.0	22.6
1300 - 1600	46,219.	99.5	96.0	71.3	4.4	1.7	22.6
1600 - 1900	43,923.	98.3	93.4	62.6	7.0	2.7	27.7
1900 - 2200	31,185.	99.8	96.0	75.4	4.5	1.5	18.6
2200 - 2400	20,155.	99.2	99.4	85.6	0.6	0.8	12.9
Summary	238,978.	98.5	96.0	71.4	4.8	2.2	21.7

SATURDAY

Time Period	Expected Buses	On AVL (%)	Linked (%)	Departing On Time (%)	Non Arrival / Not Linked (%)	Departing 8 - 2.5 mins Early (%)	Departing 5 - 15 mins Late (%)
0500 - 0700	1,516.	89.1	99.3	90.9	0.6	0.5	8.0
0700 - 1000	8,744.	100.7	99.0	82.9	0.9	1.0	15.1
1000 - 1300	9,370.	98.8	97.7	76.2	2.4	1.6	19.9
1300 - 1600	9,266.	97.8	92.6	59.2	7.8	3.2	29.8
1600 - 1900	9,147.	99.1	97.2	73.8	2.9	2.8	20.5
1900 - 2200	6,556.	100.7	99.2	82.5	1.0	0.7	15.8
2200 - 2400	4,325.	98.6	99.8	81.1	0.2	0.2	18.5
Summary	48,924.	98.9	97.3	73.4	3.4	2.0	21.2

SUNDAY AND BANK HOLIDAYS

Time Period	Expected Buses	On AVL (%)	Linked (%)	Departing On Time (%)	Non Arrival / Not Linked (%)	Departing 8 - 2.5 mins Early (%)	Departing 5 - 15 mins Late (%)
0500 - 0700	1,813.	98.2	99.6	93.6	0.4	0.5	5.6
0700 - 1000	7,535.	100.4	99.1	83.7	0.9	0.3	15.1
1000 - 1300	7,504.	97.0	95.7	72.7	4.8	1.9	20.6
1300 - 1600	7,264.	95.8	88.2	54.9	12.7	3.1	29.3
1600 - 1900	7,469.	99.5	95.1	68.7	5.4	2.1	23.8
1900 - 2200	7,429.	99.0	98.0	81.2	2.2	0.9	15.6
2200 - 2400	4,951.	100.4	99.4	87.5	0.6	0.6	11.3
Summary	43,965.	98.6	95.9	71.0	5.8	1.9	21.4

ALL DAYS

Time Period	Expected Buses	On AVL (%)	Linked (%)	Departing On Time (%)	Non Arrival / Not Linked (%)	Departing 8 - 2.5 mins Early (%)	Departing 5 - 15 mins Late (%)
0500 - 0700	12,511.	91.7	98.6	86.1	1.6	0.2	12.1
0700 - 1000	60,476.	98.8	96.8	75.5	4.0	3.4	17.2
1000 - 1300	60,991.	98.1	96.5	73.0	3.9	1.2	21.9
1300 - 1600	62,749.	98.8	94.6	67.7	5.8	2.1	24.4
1600 - 1900	60,539.	98.6	94.2	64.4	6.4	2.7	26.6
1900 - 2200	45,170.	99.8	96.8	76.9	3.8	1.3	17.9
2200 - 2400	29,431.	99.3	99.5	85.3	0.6	0.7	13.4
Summary	331,867.	98.6	96.2	71.6	4.7	2.1	21.6

Transport for London - QSI Points and Mileage

Route 216
 Service change 21841
 Date 11 November 2009

Locations shaded in blue denote QSI points under Full iBus

OUT DIRECTION					BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles	Timing Point Code	Stop Number	Stop Name	Metres	Miles
STNSB565	STNSB565	Staines Bus Station, Stand 6			KINGCB S	KINGCB S	KINGSTON, CROMWELL ROAD BUS STATION		
STNSB56	OC708	Staines Bus Station	0	0.00	KINGCB	BP1124	Cromwell Road Bus Station	0	0.00
STNSHS	9427	High Street	370	0.23		R0703	Kingston Station	272	0.17
	45	Birch Green	371	0.23	KINGCH	BP493	Wood Street	342	0.21
	16825	Crooked Billet Roundabout	397	0.25	HPTWHC	19568	Church Grove / The King's Field	545	0.34
	3605	Shortwood Avenue	551	0.34		19575	Park House	1300	0.81
	16824	Kenilworth Road	649	0.40		19577	Hampton Court Gardens	549	0.34
ASHFBD	16908	London Road	720	0.45	HCRGTN	19579	Hampton Court Green / Cardinal Wolsey	510	0.32
	16907	Salcombe Road	365	0.23		19581	Hampton Lodge	220	0.14
	20497	Station Crescent	232	0.14		19583	The Thames Riviera	594	0.37
ASHFRH	16846	Dudley Road	469	0.29		19585	Garrick Villa	381	0.24
	16843	Ashford War Memorial	435	0.27		3565	Hampton / Thames Street	381	0.24
ASHFFR	36656	Feltham Road	484	0.30		16871	Hampton And Richmond Borough F.C.	376	0.23
	16905	Metcalfe Road / The Ash Tree	332	0.21	HPTNSN	16873	Hampton Station	454	0.28
	29158	Southfields Avenue	385	0.24		16875	Oldfield Road	285	0.18
	29026	Elgin Avenue	511	0.32		16876	St Mary's Lodge	405	0.25
	29024	Spelthorne County School	436	0.27		17759	Kenton Avenue	1012	0.63
	BP3532	Saville Crescent	177	0.11	SSREHR	16880	Bramwell Close	199	0.12
ASCMBD	29023	Ashford Common / Black Dog	399	0.25		16882	Harfield Road	361	0.22
	16901	Napier Road	371	0.23		16884	Sunbury Court	288	0.18
	2296	Windmill Road	526	0.33		16886	French Street	222	0.14
SUNBTS	BP2494	Sunbury Tesco	532	0.33		16888	The Avenue	514	0.32
	16899	Spelthorne Grove	490	0.30		27312	Church Street	227	0.14
SUNBCR	4584	Sunbury Cross	248	0.15	SUNVTF	16890	Three Fishes	438	0.27
	17756	St Ignatius Church	603	0.37		16892	Croysdale Avenue	350	0.22
	R0682	Nursery Road	278	0.17		16894	Manor Lane	409	0.25
	16699	Manor Lane	394	0.24		34325	St Ignatius Church	382	0.24
	R0229	Croysdale Avenue	235	0.15		17139	Sunbury Station	348	0.22
SUNVTF	BP3596	Three Fishes	244	0.15	SUNBCR	4583	Sunbury Cross	225	0.14
	16891	Church Street	262	0.16		16898	Spelthorne Grove	228	0.14
	16889	The Avenue	378	0.23	SUNBTS	BP2494	Sunbury Tesco	500	0.31
	16887	French Street	366	0.23		4586	Windmill Road	427	0.27
	16885	Sunbury Court	382	0.24		16900	Napier Road	498	0.31
	16883	Harfield Road	271	0.17	ASCMBD	29022	Ashford Common / Black Dog	517	0.32
SSREHR	3597	Kenton Avenue	406	0.25		BP3533	Saville Crescent	372	0.23
	17758	Stain Hill West Reservoir	284	0.18		29025	Spelthorne County School	127	0.08
	16879	Stain Hill Reservoir	585	0.36		29027	Elgin Avenue	519	0.32
	16877	St Mary's Lodge	311	0.19		29159	Chesholme Road	357	0.22
	3599	Percy Road	292	0.18		29028	School Road	329	0.20
HPTNSN	16874	Hampton Station	407	0.25		30714	Metcalfe Road / The Ash Tree	235	0.15
	16872	Hampton & Richmond Borough F.C.	356	0.22	ASHFTT	26497	Town Tree Road	357	0.22
	1357	Algar Court	230	0.14		36625	Ashford War Memorial	325	0.20
	19587	Garrick Villa	413	0.26	ASHFRH	16847	Dudley Road	366	0.23
	19586	St. Albans Lodge	274	0.17		20496	Station Crescent	559	0.35
	19584	The Thames Riviera	422	0.26		16906	Salcombe Road	286	0.18
	1958	Hampton Lodge	286	0.18	ASHFBD	BP659	London Road	177	0.11
HCRGTN	19580	Hampton Court Green / Cardinal Wolsey	363	0.23	ASHFLR	1354	Town Lane	271	0.17
	19578	Hampton Court Palace	227	0.14		16823	Kenilworth Road	489	0.30
	R0894	Hampton Court Gardens	288	0.18		3606	Shortwood Avenue	660	0.41
	19574	Park House	427	0.27		16826	Crooked Billet Roundabout	445	0.28
	19571	Paddock Gates	429	0.27		3294	Kingston Road	586	0.36
HPTWHC	19569	Church Grove / The King's Field	1067	0.66		BP2426	South Street	321	0.20
KINGCH	R0872	Wood Street	526	0.33	STNSB56	OC708	Staines Bus Station	379	0.24
KINGCB	BP1084	Cromwell Road Bus Station	734	0.46	STNSB565	STNSB565	Staines Bus Station, Stand 6	0	0.00
KINGCB S	KINGCB S	KINGSTON, CROMWELL ROAD BUS STATION	0	0.00					
TOTAL ROUTE MILEAGE - OUT DIRECTION			21190	13.17	TOTAL ROUTE MILEAGE - BACK DIRECTION			20919	13.00
			metres	miles				metres	miles