

7. Service Specification

Route: S4

Contract Reference: QC45804

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	Roundshaw, Wilsons School and St Helier Station
Contract Basis	Incentivised
Commencement Date	15 th November 2014
Vehicle Type	40 capacity, single door, single deck buses - Larger buses are not acceptable due to highway constraints
Current Maximum Approved Dimensions	8.5 metres long and 2.4 metres wide
New Vehicles Mandatory	Yes
Hybrid Price Required	Yes
Sponsored Route	Yes (Options 2 & 3)
Advertising Rights	Operator
Minimum Performance Standard	Departing on Time - No less than 86.00%
Extension Threshold	Departing on Time Threshold - 90.00%
Minimum Operated Mileage Standard	No less than 98.00%

The Date of Tender for this ITT is: No later than 12 Noon on Monday 13th January 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. S4.

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:

Three options are proposed:

Option 1

No changes to the current service.

Option 2

Mondays to Saturday daytime frequencies are increased from every 30 minutes to 20 minutes.

Option 3

Mondays to Fridays ex St Helier Station, one additional journey will operate between 0645 and 0745, and one additional journey will operate between 1445 and 1545, to provide a frequency of every 20 minutes during both these periods.

Hail & ride operation:

Hail and ride operation, with buses stopping wherever it is safe to set down and pick up passengers, applies on the following sections of Route No. S4:

Towards St Helier Station:

Foresters Drive, Timberslip Drive, Carleton Avenue, Ingleby Way, Buckingham Way, Sandy Lane South, Woodcote Green; Grosvenor Road, Boundary Road, Stanley Park Road, Stanley Road, Cranfield Road West, Stanley Square, Dingwall Road, Courtney Crescent, Gaynesford Road, Queens Mary's Avenue; Woodmansterne Road, The Warren; Avenue Road, Holland Avenue, York Road, Grange Road, Worcester Road, Mulgrave Road; Oakhill Road, Benhill Road, Grennell Road, Edinburgh Road, Duke Of Edinburgh Road, Whitby Road

Towards Roundshaw, Wilsons School:

Whitby Road, Duke Of Edinburgh Road, Edinburgh Road, Grennell Road, Benhill Road, Oakhill Road, Thicket Road; Mulgrave Road, Worcester Road, Grange Road, Holland Avenue, Avenue Road, Station Road; The Warren, Woodmansterne Road, Stanley Park Road, Queen Mary's Avenue, Gaynesford Road, Courtney Crescent, Dingwall Road, Stanley Square, Cranfield Road West, Stanley Road, Stanley Park Road, Boundary Road, Grosvenor Road; Woodcote Green, Sandy Lane South Buckingham Way, Ingleby Way, Carleton Avenue, Timberslip Drive, Foresters Drive

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 could be achieved if the scheme is introduced.

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

OPTION 1

Roundshaw, Wilsons School to St Helier Station			St Helier Station to Roundshaw, Wilsons School		
First departure no later than 0600.			First departure no later than 0545.		
0555 - 0005	Every 30 minutes		0540 - 2355	Every 30 minutes	
Last departure no earlier than 2400.			Last departure no earlier than 2350.		
Pinchpoints					
Sutton Station, High Street	0745 - 0915	30 minutes	Wallington Station Forecourt	0735 - 0905	30 minutes
	1515 - 1645	30 minutes		1505 - 1635	30 minutes

OPTION 2

Roundshaw, Wilsons School to St Helier Station			St Helier Station to Roundshaw, Wilsons School		
First departure no later than 0600.			First departure no later than 0545.		
0555 - 0700	Every 30 minutes		0540 - 0645	Every 30 minutes	
0701 - 1900	Every 20 minutes		0646 - 1845	Every 20 minutes	
1901 - 0005	Every 30 minutes		1846 - 2355	Every 30 minutes	
Last departure no earlier than 2400.			Last departure no earlier than 2350.		
Pinchpoints					
Sutton Station, High Street	0745 - 0925	20 minutes	Wallington Station Forecourt	0735 - 0915	20 minutes
	1505 - 1645	20 minutes		1515 - 1635	20 minutes

OPTION 3

Roundshaw, Wilsons School to St Helier Station			St Helier Station to Roundshaw, Wilsons School		
First departure no later than 0600.			First departure no later than 0545.		
0555 - 0005	Every 30 minutes		0540 - 0645	Every 30 minutes	
			0646 - 0745	Every 20 minutes	
			0746 - 1445	Every 30 minutes	
			1446 - 1545	Every 20 minutes	
			1546 - 2355	Every 30 minutes	
Last departure no earlier than 2400.			Last departure no earlier than 2350.		
Pinchpoints					
Sutton Station, High Street	0745 - 0915	30 minutes	Wallington Station Forecourt	0735 - 0835	20 minutes
	1515 - 1645	30 minutes		0836 - 0905	30 minutes
				1505 - 1535	30 minutes
				1536 - 1605	20 minutes

3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued

3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

OPTIONS 1 & 3

Roundshaw, Wilsons School to St Helier Station			St Helier Station to Roundshaw, Wilsons School		
First departure no later than 0600.			First departure no later than 0545.		
0555 - 0005	Every 30 minutes		0540 - 2355	Every 30 minutes	
Last departure no earlier than 2400.			Last departure no earlier than 2350.		
Pinchpoints					
Sutton Station, High Street	0945 - 1145	30 minutes	Wallington Station Forecourt	0935 - 1135	30 minutes

OPTION 2

Roundshaw, Wilsons School to St Helier Station			St Helier Station to Roundshaw, Wilsons School		
First departure no later than 0600.			First departure no later than 0545.		
0555 - 0800	Every 30 minutes		0540 - 0745	Every 30 minutes	
0801 - 1900	Every 20 minutes		0746 - 1845	Every 20 minutes	
1901 - 0005	Every 30 minutes		1846 - 2355	Every 30 minutes	
Last departure no earlier than 2400.			Last departure no earlier than 2350.		
Pinchpoints					
Sutton Station, High Street	0945 - 1145	20 minutes	Wallington Station Forecourt	0935 - 1135	20 minutes

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. S4 should interwork with other bus services where possible.
- 4.2) Route No. S4 can suffer from unpredictable traffic delays in the Wallington and Sutton areas.
- 4.3) Smaller buses are used on the route due to highway constraints.

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 S4: Roundshaw, Mollison Drive - St Helier Station

Date of Structural Change: 15 November 2014.

Date of Service Change: 15 November 2014.

Reason for Issue: New Tender.

STREETS TRAVERSED

Towards St Helier Station: Mollison Drive, Foresters Drive, Timberslip Drive, Carleton Avenue, Ingleby Way, Buckingham Way, Sandy Lane South, Woodcote Green, Woodcote Road, Manor Road, Railway Approach, Railway Approach Turning Circle, Railway Approach, Manor Road, Grosvenor Road, Boundary Road, Stanley Park Road, Stanley Road, Cranfield Road West, Stanley Square, Dingwall Road, Courtney Crescent, Gaynesford Road, Queen Mary's Avenue, Stanley Park Road, Woodmansterne Road, The Warren, Banstead Road South, Downs Road, Private Road In Royal Marsden Hospital Grounds, Downs Road, Sutton Lane, Downs Road, Brighton Road, Station Road, Avenue Road, Holland Avenue, York Road, Grange Road, Worcester Road, Mulgrave Road, Sutton High Street, Grove Road, Sutton Park Road, Cheam Road, St Nicholas Way, Crown Road, Sutton High Street, Marshall's Road, Throwley Way, Benhill Avenue, Thicket Road, Oakhill Road, Benhill Road, Grennell Road, Edinburgh Road, Duke Of Edinburgh Road, Whitby Road, Wrythe Lane, Rose Hill Roundabout, Green Lane.

Towards Roundshaw, Mollison Drive: Mulgrave Road, Rose Hill Roundabout, Wrythe Lane, Whitby Road, Duke Of Edinburgh Road, Edinburgh Road, Grennell Road, Benhill Road, Oakhill Road, Thicket Road, Benhill Avenue, Throwley Way, Carshalton Road, Chalk Pit Way, Sutton Court Road, Sutton High Street, Mulgrave Road, Worcester Road, Grange Road, Holland Avenue, Avenue Road, Station Road, Brighton Road, Downs Road, Private Road In Royal Marsden Hospital Grounds, Downs Road, Banstead Road South, The Warren, Woodmansterne Road, Stanley Park Road, Queen Mary's Avenue, Gaynesford Road, Courtney Crescent, Dingwall Road, Stanley Square, Cranfield Road West, Stanley Road, Stanley Park Road, Boundary Road, Grosvenor Road, Manor Road, Railway Approach, Railway Approach Turning Circle, Railway Approach, Manor Road, Woodcote Road, Woodcote Green, Sandy Lane South, Buckingham Way, Ingleby Way, Carleton Avenue, Timberslip Drive, Foresters Drive, Mollison Drive.

AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

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

BEDDINGTON, REDFORD AVENUE

Public (offside) stand for one bus on the west side of Redford Avenue, between Link Lane and Stafford Road.

Buses proceed from Mollison Drive via Stafford Road and Redford Avenue to stand, departing via Redford Avenue and Link Lane to Mollison Drive. Set down in Mollison Drive, at Alighting Point K (34983 - Wilson's School, Last Stop on LOR: 34983 - Wilson's School) and pick up in Mollison Drive, at Stop N (33928 - Link Lane, First Stop on LOR: 33928 - Link Lane).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 1 bus on Route S4 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:	Roundshaw.
OTHER INFORMATION:	No toilet facilities available.

WALLINGTON STATION (from St Helier Station)

Buses proceed from Manor Road via Railway Approach departing to Railway Approach Turning Circle. Set down in Manor Road, at Stop A (33895 - Wallington Station # / Manor Road, Last Stop on LOR: HC67 - Hail & Ride Section) and pick up in Railway Approach Turning Circle, at Stop C (36653 - Wallington Station #).

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

BELMONT STATION

Public stand for up to six buses in marked bays standing abreast in dedicated bus lay-by, bordered by Brighton Road, Commonsides Close and Downs Road.

From Roundshaw, Mollison Drive.

Buses proceed from Downs Road via Brighton Road and Bus Turning Area to stand, departing via Bus Turning Area to Downs Road. Set down in Downs Road, at Stop D (BP3794 - Belmont Station #, Last Stop on LOR: BP3794 - Belmont Station #) and pick up in Downs Road, at Stop C (BP3795 - Belmont Station #, First Stop on LOR: BP3795 - Belmont Station #).

From St Helier Station.

Buses proceed from Station Road via Bus Turning Area to stand, departing via Bus Turning Area to Downs Road. Set down in Station Road (BP1451 - Belmont / Station Road, Last Stop on LOR: BP1451 - Belmont / Station Road) and pick up in Downs Road, at Stop D (BP3794 - Belmont Station #, First Stop on LOR: BP3794 - Belmont 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:	Belmont.

SUTTON STATION, THE QUADRANT (from St Helier Station)

Public stand for two buses in bay in The Quadrant (west arm), opposite Quadrant House. Buses proceed from Sutton High Street via Brighton Road and The Quadrant to stand, departing via The Quadrant, Wellesley Road and Brighton Road to Sutton High Street. Set down in Sutton High Street, at Stop N (29910 - Sutton Station #, Last Stop on LOR: 14881 - Sutton Police Station) and pick up in Sutton High Street, at Stop P (4527 - Sutton Station #, First Stop on LOR: 4527 - Sutton 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:	Sutton Station.

SUTTON, MARSHALLS ROAD (from ROUNDSHAW, MOLLISON DRIVE)

Public stand for one bus on north side of Marshall's Road, commencing 35 metres east of the centre line of the slip road to Throwley Way and extending 11 metres west.

Buses proceed from Sutton High Street via Marshall's Road to stand, departing via Marshall's Road to Throwley Way. Set down in Sutton High Street, at Stop C (6479 - High Street / Marshalls Road, Last Stop on LOR: 35570 - St Nicholas Centre) and pick up in Throwley Way, at Stop I (35510 - Manor Place, First Stop on LOR: 35510 - Manor Place).

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

ST. HELIER STATION, GREEN LANE, WEST SIDE

Public stand for one bus on west side of Green Lane, commencing at lamp standard No. 197, outside flats 144-148, and extending 10 metres south.

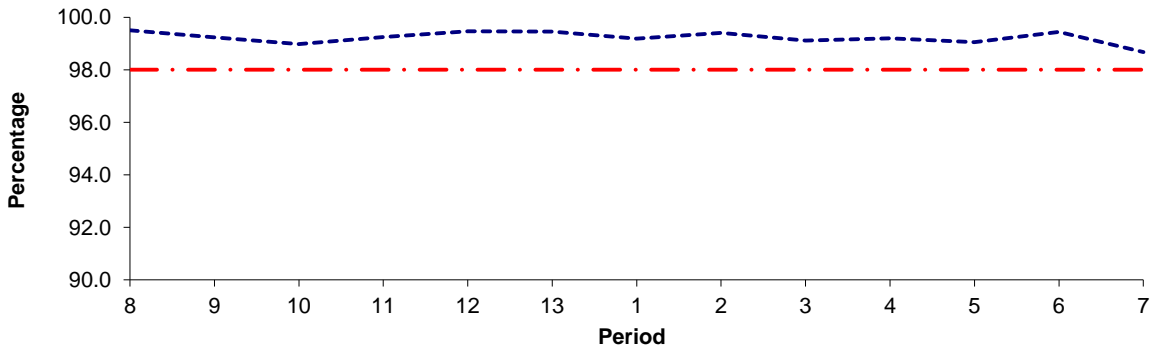
Buses proceed from Green Lane direct to stand, departing to Green Lane. Set down in Green Lane, at Alighting Point (BP2897 - St Helier Station #, Last Stop on LOR: BP2897 - St Helier Station #) and pick up in Green Lane, at Stop MN (36900 - St Helier Station #, First Stop on LOR: 36899 - Dorchester Road).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: No more than 1 bus on Route S4 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: St Helier Station.

PART B - PERFORMANCE STATISTICS

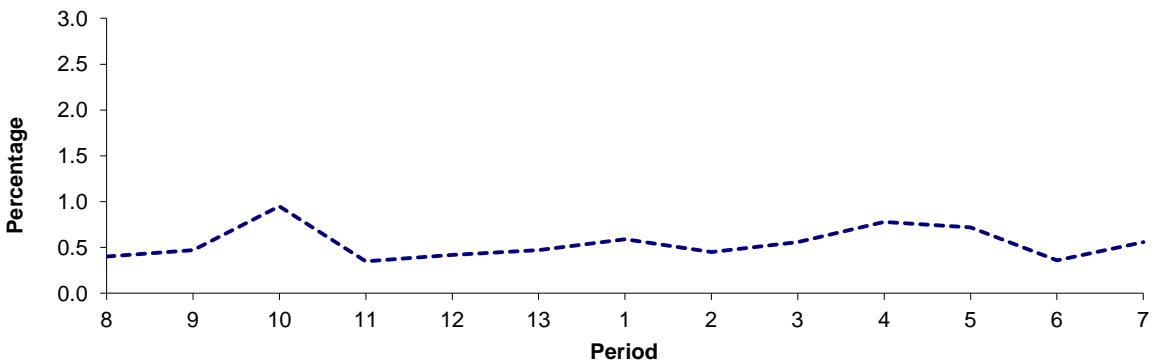
Route S4

Mileage Operated



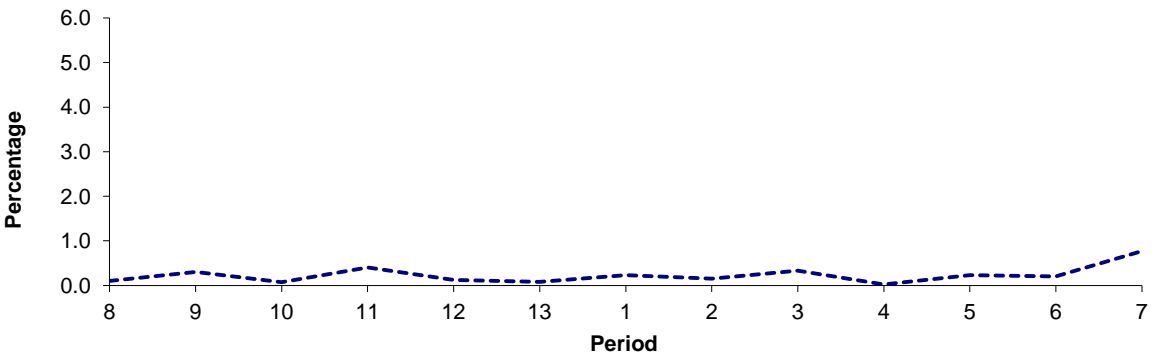
Period	8	9	10	11	12	13	1	2	3	4	5	6	7
2012/2013	99.50	99.23	98.98	99.25	99.46	99.45	99.18	99.40	99.11	99.20	99.05	99.44	98.67
Min Standard	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00

Deductible Mileage



Period	8	9	10	11	12	13	1	2	3	4	5	6	7
2012/2013	0.40	0.47	0.95	0.35	0.42	0.47	0.59	0.45	0.56	0.78	0.72	0.36	0.56

Non Deductible Mileage

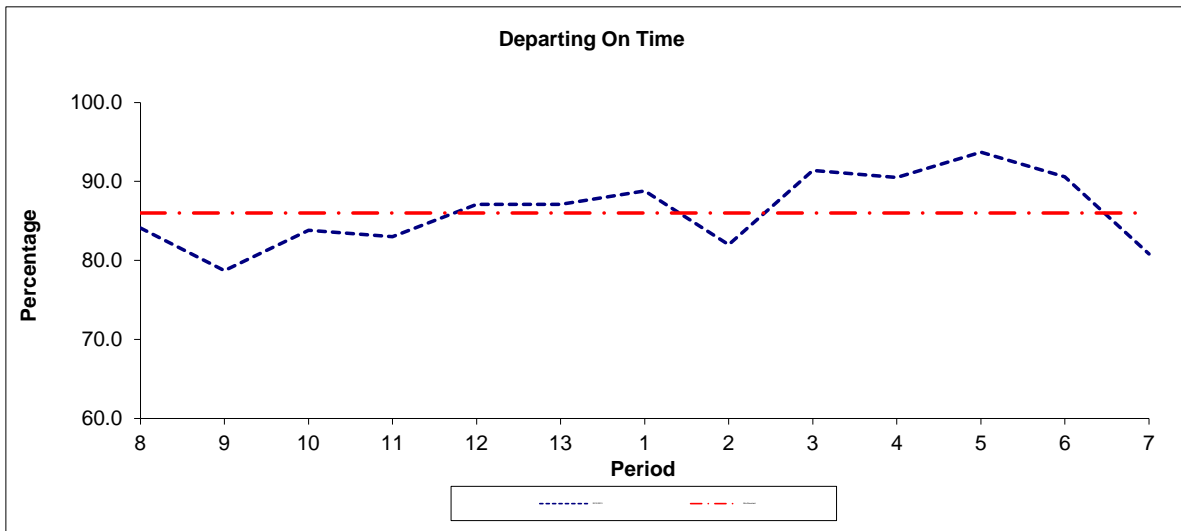


Period	8	9	10	11	12	13	1	2	3	4	5	6	7
2012/2013	0.10	0.30	0.07	0.40	0.12	0.08	0.23	0.15	0.33	0.02	0.23	0.20	0.77

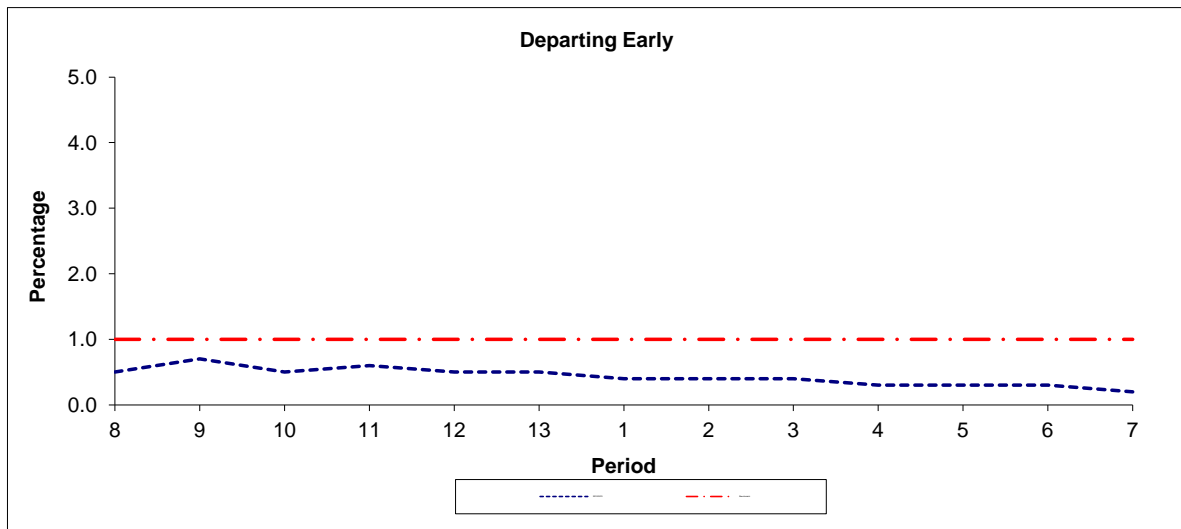
Note : Mileage is based on 4 weeks data

PART B - PERFORMANCE STATISTICS

Route S4



Period	8	9	10	11	12	13	1	2	3	4	5	6	7
2012/2013	84.1	78.7	83.8	83.0	87.1	87.1	88.8	82.0	91.4	90.5	93.7	90.6	80.8
Min Standard	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0



Period	8	9	10	11	12	13	1	2	3	4	5	6	7
2012/2013	0.5	0.7	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.2
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 S4 - FULL iBUS RESULTS BY TIME OF DAY
QUARTER 3 12/13 TO QUARTER 2 13/14 (15/09/12 - 13/09/13)

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	8,463.	95.8	98.1	92.8	1.9	0.2	5.1
0700 - 1000	26,939.	99.5	98.4	81.4	1.7	0.3	16.6
1000 - 1300	27,621.	99.7	99.2	91.0	0.8	0.3	7.9
1300 - 1600	27,624.	98.9	99.0	85.8	1.1	0.4	12.7
1600 - 1900	28,093.	99.1	98.2	79.7	1.9	0.9	17.5
1900 - 2200	28,305.	100.5	99.3	89.6	0.7	0.3	9.4
2200 - 2400	18,266.	101.7	99.5	97.8	0.5	0.5	1.2
Summary	165,311.	99.6	98.9	85.4	1.3	0.5	12.8

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	1,857.	96.7	99.2	92.7	0.6	0.2	6.6
0700 - 1000	5,556.	100.4	99.2	96.9	0.8	0.6	1.7
1000 - 1300	5,734.	98.9	98.8	87.5	1.2	0.4	10.9
1300 - 1600	5,767.	99.7	99.1	91.5	0.8	0.8	6.9
1600 - 1900	5,907.	99.2	99.4	96.1	0.6	0.6	2.8
1900 - 2200	5,798.	100.5	99.1	89.1	1.0	0.0	9.9
2200 - 2400	3,781.	101.0	99.8	97.4	0.2	0.6	1.8
Summary	34,400.	99.7	99.2	92.2	0.8	0.5	6.4

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	38.	100.0	100.0	98.0	0.0	2.0	0.0
0700 - 1000	107.	100.0	100.0	99.1	0.0	0.0	0.9
1000 - 1300	114.	99.1	100.0	99.2	0.0	0.0	0.8
1300 - 1600	114.	100.9	100.0	98.0	0.0	0.0	2.0
1600 - 1900	117.	100.0	100.0	97.4	0.0	0.0	2.6
1900 - 2200	115.	100.9	100.0	89.3	0.0	0.0	10.7
2200 - 2400	75.	100.0	100.0	100.0	0.0	0.0	0.0
Summary	680.	100.1	100.0	97.4	0.0	0.1	2.6

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	10,358.	96.0	98.3	92.8	1.7	0.2	5.3
0700 - 1000	32,602.	99.7	98.6	82.8	1.6	0.4	15.2
1000 - 1300	33,469.	99.6	99.1	90.4	0.9	0.3	8.4
1300 - 1600	33,505.	99.0	99.0	86.8	1.0	0.5	11.8
1600 - 1900	34,117.	99.2	98.4	81.7	1.7	0.8	15.7
1900 - 2200	34,218.	100.5	99.3	89.5	0.7	0.3	9.5
2200 - 2400	22,122.	101.6	99.6	97.8	0.4	0.5	1.3
Summary	200,391.	99.6	98.9	86.4	1.3	0.5	11.9

Transport for London - QSI Points and Live Mileage List

Route **S4**
 Service change 33717
 Date 01/06/2013

QSI Points are highlighted.

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
RDSWWS	33928	Link Lane		
	35955	St Elphege's School	235	0.15
	33929	Spitfire Road	343	0.21
	33931	Roundshaw / Phoenix Centre	307	0.19
	35225	The Newlands	330	0.21
	HC59	Hail & Ride Section	1854	1.15
WDCTGN	16615	Woodcote Green	248	0.15
	16617	Hall Road	286	0.18
	16619	Blenheim Gardens	280	0.17
	16621	Woodcote Road / Stafford Road	337	0.21
	16623	Wallington Town Centre	277	0.17
WALLFC	36654	Wallington Station	315	0.20
	HC60	Hail & Ride Section	977	0.61
STNRSP	35384	Stanley Road	509	0.32
	HC61	Hail & Ride Section	1397	0.87
WDMRTW	35381	Crichton Road	170	0.11
	HC62	Hail & Ride Section	1375	0.85
	16705	West Way	311	0.19
	16703	Pine Walk	399	0.25
	16701	Banstead Road South / Downs Road	356	0.22
RLMNHP	BP2073	Royal Marsden Hospital	483	0.30
	R0733	Royal Marsden Hospital / Downs Road	340	0.21
BELMSN	BP3794	Belmont Station	339	0.21
	BP1452	Belmont / Station Road	297	0.18
	HC57	Hail & Ride Section	2207	1.37
SUTTSN	4527	Sutton Station	186	0.12
	W41	Sutton Post Office	160	0.10
	35568	Sutton Civic Centre	420	0.26
	35570	St Nicholas Centre	355	0.22
	BP1453	Sutton / Marshall's Road	545	0.34
SUTTBT	6480	Benhill Avenue / Throwley Way	220	0.14
	6482	Benhill Wood Road	189	0.12
	6483	Lind Road	224	0.14
	BP4919	Thicket Crescent	222	0.14
	H0568	Hail and Ride Oakhill Road	339	0.21
	HC63	Hail & Ride Section	1418	0.88
STHRHP	19111	St Helier Hospital	348	0.22
STHRWL	2243	Wrythe Lane / Rosehill Roundabout	520	0.32
	36902	Canterbury Road	411	0.26
STHRSN	BP2897	St Helier Station	418	0.26
Total Route Mileage - Out Direction			19947	12.39
			19947	12.39

Transport for London - QSI Points and Live Mileage List

Route **S4**
 Service change 33717
 Date 01/06/2013

QSI Points are highlighted.

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
STHRSN	BP2897	St Helier Station		
	36899	Dorchester Road	701	0.44
STHRWL	2242	Wrythe Lane / Rosehill Roundabout	402	0.25
STHRHP	19112	St Helier Hospital	513	0.32
	HC64	Hail & Ride Section	1816	1.13
	BP4918	Thicket Crescent	174	0.11
	BP4920	Lower Road	189	0.12
	6465	Benhill Wood Road	192	0.12
SUTTBT	6481	Lenham Road	207	0.13
	35510	Manor Place	263	0.16
	36521	Times Square	205	0.13
	14881	Sutton Police Station	246	0.15
SUTTSN	29910	Sutton Station	455	0.28
	HC65	Hail & Ride Section	2348	1.46
	BP1451	Belmont / Station Road	98	0.06
BELMSN	BP3795	Belmont Station	319	0.20
	16698	Royal Marsden Hospital / Downs Road	357	0.22
RLMNHP	BP2073	Royal Marsden Hospital	197	0.12
	16700	Downs Road / Banstead Road South	462	0.29
	16702	Pine Walk	387	0.24
	16704	West Way	515	0.32
WDMRTW	OC641		1650	1.03
STNRSA	OC642		1359	0.84
STNRSP	HC66	Hail & Ride Section	75	0.05
	34678	Boundary Road	406	0.25
	HC67	Hail & Ride Section	879	0.55
WALLFC	36654	Wallington Station	173	0.11
	16624	Wallington Town Centre	364	0.23
	16622	Woodcote Road / Stafford Road	261	0.16
	16620	Blenheim Gardens	426	0.26
	16618	Hall Road	260	0.16
WDCTGN	16616	Woodcote Green	308	0.19
	HC68	Hail & Ride Section	1968	1.22
	34195	Roundshaw / Phoenix Centre	362	0.22
	33930	Spitfire Road	337	0.21
	35924	St Elphege's School	242	0.15
RDSWWS	34983	Link Lane	425	0.26
Total Route Mileage - Back Direction			19541	12.14
			19541	12.14