

7. Service Specification

Route: 484

Contract Reference: QC72303

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	Lewisham, Thurston Road and Camberwell Green, Orpheus Street
Contract Basis	Incentivised
Commencement Date	20 th March 2021
Vehicle Type	50 capacity, dual door, single deck vehicles, minimum 9.5m long
Current Maximum Approved Dimensions	9.7 metres long and 2.47 metres wide
New Vehicles Mandatory	Yes
Hybrid Price Required	No
Electric 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%

The Date of Tender for this ITT is:

No later than 12 Noon on Monday 10th February 2020

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. 484.

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

- Route No. 484 is specified to stand at Camberwell Green, Orpheus Street not Walworth Bus Garage.
- **Please see Section 5 for a full list of streets traversed and standing arrangements.**

Operators should provide the following prices:

1. **Annual diesel price - based on a minimum 5 year contract.**
2. **Annual electric price - based on a minimum 5 year contract. Tenderers should outline the strategy they would adopt for recharging these vehicles, together with any other operational and infrastructure assumptions, within the tender submission.**

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. **Alternative Zero emission vehicles.**
3. **Existing vehicles. Separate costs must be provided both excluding and including the cost of upgrading to Euro VI standards. The inclusive costs should be on a per bus per annum basis.**

The welfare of bus drivers during their working day is essential, and appropriate locations for sign-on and sign-off as well as meal reliefs should be identified within the bid. These locations should have appropriate facilities available for drivers at the beginning and end of shifts to carry out their duties (including fitness for duty). For breaks and periods of rest between work there should be appropriate toilet provision (including the availability, condition and cleanliness of the facilities) and suitable locations to take a break. Whilst the obligation to provide suitable facilities remains with the bus operator, if there are any risks in not being able to supply these, the bus operator must make TfL aware in their tender or at any later stage when this becomes apparent.

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Lewisham, Thurston Road to Camberwell Green, Orpheus Street			Camberwell Green, Orpheus Street to Lewisham, Thurston Road		
First departure no later than 0445.			First departure no later than 0445.		
0440 - 0615	Every 15 minutes		0440 - 0600	Every 15 minutes	
0616 - 2015	Every 12 minutes		0601 - 1900	Every 12 minutes	
2016 - 0120	Every 15 minutes		1901 - 0035	Every 15 minutes	
Last departure no earlier than 0115.			Last departure no earlier than 0030.		
Pinchpoints					
Nunhead, Inverton Road	0710 - 0910	12 minutes	Brockley Cross	0705 - 0905	12 minutes
	1510 - 1635	12 minutes		1505 - 1630	12 minutes

3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Lewisham, Thurston Road to Camberwell Green, Orpheus Street			Camberwell Green, Orpheus Street to Lewisham, Thurston Road		
First departure no later than 0445.			First departure no later than 0445.		
0440 - 0830	Every 15 minutes		0440 - 0800	Every 15 minutes	
0831 - 1830	Every 12 minutes		0801 - 1800	Every 12 minutes	
1831 - 0120	Every 15 minutes		1801 - 0035	Every 15 minutes	
Last departure no earlier than 0115.			Last departure no earlier than 0030.		
Pinchpoints					
Nunhead, Inverton Road	0920 - 1120	12 minutes	Brockley Cross	0900 - 1100	12 minutes

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

Lewisham, Thurston Road to Camberwell Green, Orpheus Street			Camberwell Green, Orpheus Street to Lewisham, Thurston Road		
First departure no later than 0640.			First departure no later than 0640.		
0635 - 0900	Every 20 minutes		0635 - 0900	Every 20 minutes	
0901 - 0120	Every 15 minutes		0901 - 0035	Every 15 minutes	
Last departure no earlier than 0115.			Last departure no earlier than 0030.		
Pinchpoints					
Nunhead, Inverton Road	1010 - 1140	15 minutes	Brockley Cross	1010 - 1140	15 minutes

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. 484 can suffer from unpredictable traffic delays in the Brockley and Peckham Rye areas.
- 4.2) Smaller buses are used due to highway constraints along the route.

5) ROUTE RECORD, CURRENT PERFORMANCE, QSI BY TIME OF DAY, IBUS MILEAGE & QSI POINTS

- 5.1) ROUTE RECORD
As per Busnet print out.
- 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 484: Lewisham, Thurston Road - Camberwell Green

Date of Structural Change: 20 March 2021.

Date of Service Change: 20 March 2021.

Reason for Issue: New Tender.

STREETS TRAVERSED

Towards Camberwell Green: Molesworth Street, Rennell Street, Lewisham High Street, Lewis Grove, Lewisham High Street, Ladywell Road, Algernon Road, Vicars Hill, Shell Road, Brookbank Road, Hilly Fields Crescent, Tressillian Road, Harefield Road, Brockley Road, Brockley Cross, Endwell Road, Drakefell Road, Sprules Road, Vesta Road, Pepys Road, Avignon Road, Friendsbury Road, St Norbert Road, Merttins Road, Ivydale Road, Cheltenham Road, Peckham Rye, East Dulwich Road, Grove Vale, Dog Kennel Hill, Grove Lane, Champion Park, Denmark Hill.

Towards Lewisham, Thurston Road: Denmark Hill, Champion Park, Grove Lane, Dog Kennel Hill, Grove Vale, East Dulwich Road, Peckham Rye (East Side), Cheltenham Road, Ivydale Road, Merttins Road, St Norbert Road, Friendsbury Road, Avignon Road, Pepys Road, Vesta Road, Endwell Road, Brockley Cross, Brockley Road, Harefield Road, Tressillian Road, Hilly Fields Crescent, Brookbank Road, Shell Road, Vicars Hill, Algernon Road, Ladywell Road, Lewisham High Street, Molesworth Street, Lewisham High Street, Lewis Grove, Lewisham High Street, Station 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.

LEWISHAM, THURSTON ROAD

Private stand for 17 buses standing abreast in bus parking area on north-east side of Thurston Road.

Buses proceed from Station Road via Loampit Vale, Jerrard Street, Thurston Road Bus Stand Entrance and Thurston Road Bus Stand to stand, departing via Thurston Road Bus Stand, Thurston Road Bus Stand Exit, Thurston Road and Loampit Vale to Molesworth Street. Set down in Station Road, at Alighting Point (BP5993 - Lewisham Station # [dlr], Last Stop on LOR: BP5993 - Lewisham Station # [dlr]) and pick up in Molesworth Street, at stop C (BP5987 - Lewisham Station # [dlr], First Stop on LOR: BP5987 - Lewisham Station # [dlr]).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 484 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:	Lewisham Station.
OTHER INFORMATION:	All buses must be fitted with an audible reversing device LBSL toilet facilities available.

LADYWELL STATION (from CAMBERWELL GREEN)

Buses proceed from Vicars Hill via Algernon Road, Ladywell Road, Gillian Street and Algernon Road departing to Vicars Hill. Set down in Vicars Hill, at Stop HB (BP475 - Vicars Hill / Ladywell Station #, Last Stop on LOR: BP475 - Vicars Hill / Ladywell Station #) and pick up in Vicars Hill, at Stop HD (BP460 - Algernon Road, First Stop on LOR: BP460 - Algernon Road).

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

BROCKLEY CROSS (from CAMBERWELL GREEN)

Buses proceed from Endwell Road via Brockley Cross and Coulgate Street departing to Brockley Road. Set down in Endwell Road, BH (BP1396 - Endwell Road, Last Stop on LOR: BP1396 - Endwell Road) and pick up in Brockley Road, A (26079 - Brockley Station #, First Stop on LOR: 26079 - Brockley Station #).

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

BROCKLEY, FRENSBURY ROAD (from CAMBERWELL GREEN)

Public stand for two buses on west side of Frensbury Road, commencing 12 metres north of lamp standard 16 extending 24 metres south.

Buses proceed from Frensbury Road direct to stand, departing via Frensbury Road, Avignon Road, Finland Road, Mantle Road, St Asaph Road and Revelon Road to Frensbury Road. Set down in Frensbury Road, at Stop BN (36585 - Brockill Crescent, Last Stop on LOR: 36585 - Brockill Crescent) and pick up in Frensbury Road, at Stop BP (37061 - Brockill Crescent, First Stop on LOR: 37061 - Brockill Crescent).

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: Frensbury Road.

PECKHAM RYE, EAST SIDE (from Lewisham, Thurston Road)

Public stand for two buses on east side of Peckham Rye, commencing 11 metres north of Nunhead Crescent and extending 20 metres north.

Buses proceed from Peckham Rye (East Side) via East Dulwich Road and Peckham Rye to stand, departing via Peckham Rye, Rye Lane and Peckham Rye to East Dulwich Road. Set down in Peckham Rye (east Side), at Stop EN (13753 - Peckham Rye / Nunhead Lane, Last Stop on LOR: 13753 - Peckham Rye / Nunhead Lane) and pick up in East Dulwich Road, at Stop ED (13752 - Peckham Rye Common, First Stop on LOR: 13752 - Peckham Rye Common).

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: Peckham Rye.

EAST DULWICH, GOOSE GREEN (from Lewisham, Thurston Road)

Buses proceed from East Dulwich Road departing to East Dulwich Road. Set down in East Dulwich Road, at Stop H (26089 - East Dulwich Road / Goose Green, Last Stop on LOR: 26089 - East Dulwich Road / Goose Green) and pick up in East Dulwich Road, at Stop P (26090 - East Dulwich Road / Goose Green, First Stop on LOR: 26090 - East Dulwich Road / Goose Green).

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

CAMBERWELL GREEN, ORPHEUS STREET

Public stand for four buses in 2 portions in Orpheus Street:

1 - for two buses on north side commencing at lamp standard 2066/02 and extending 26 metres west.

2 - for two buses on east side commencing opposite lamp standard 2066/07 extending 26 metres north.

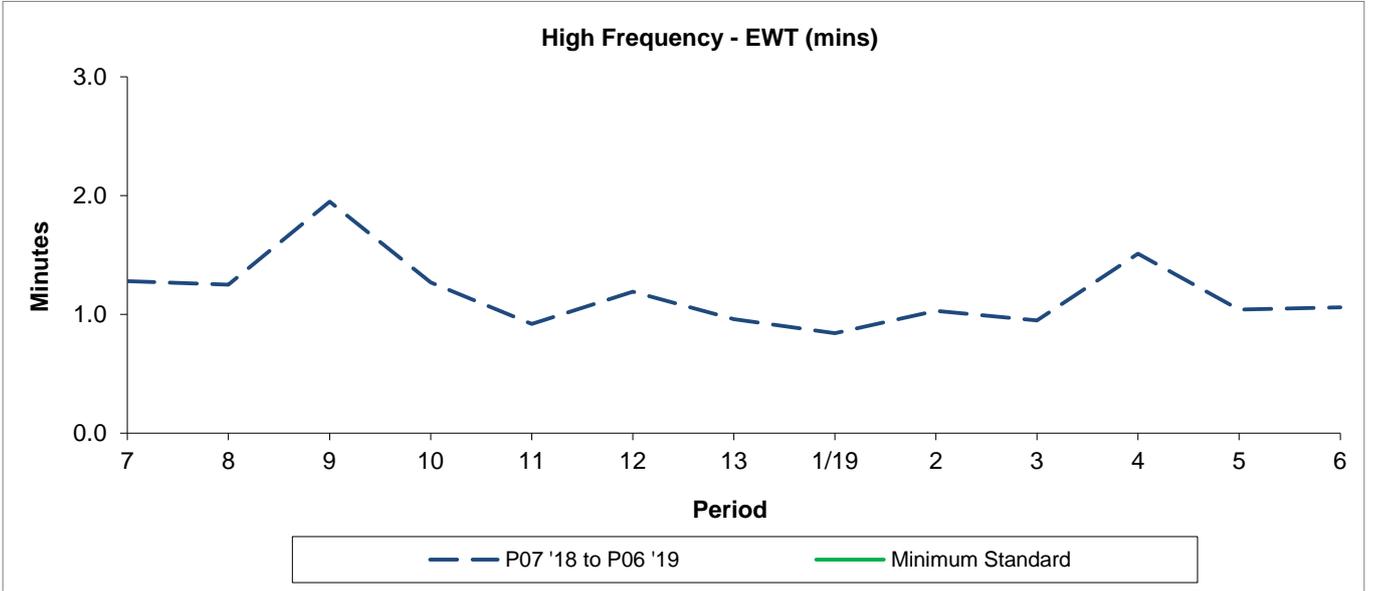
Buses proceed from Denmark Hill via Camberwell New Road, Medlar Street, Camberwell Road, Camberwell Green (West Side), Denmark Hill and Orpheus Street to stand, departing via Orpheus Street, Daneville Road, Wren Road, Camberwell Green (South Side) and Camberwell Green to Denmark Hill. Set down {Not Specified}, S (19601 - Denmark Hill / Camberwell Green, Last Stop on LOR: 2013 - Coldharbour Lane) and pick up in Denmark Hill, First Stop on LOR: 256 - Denmark Hill / Camberwell Green).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 484 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:	/Camberwell Green.

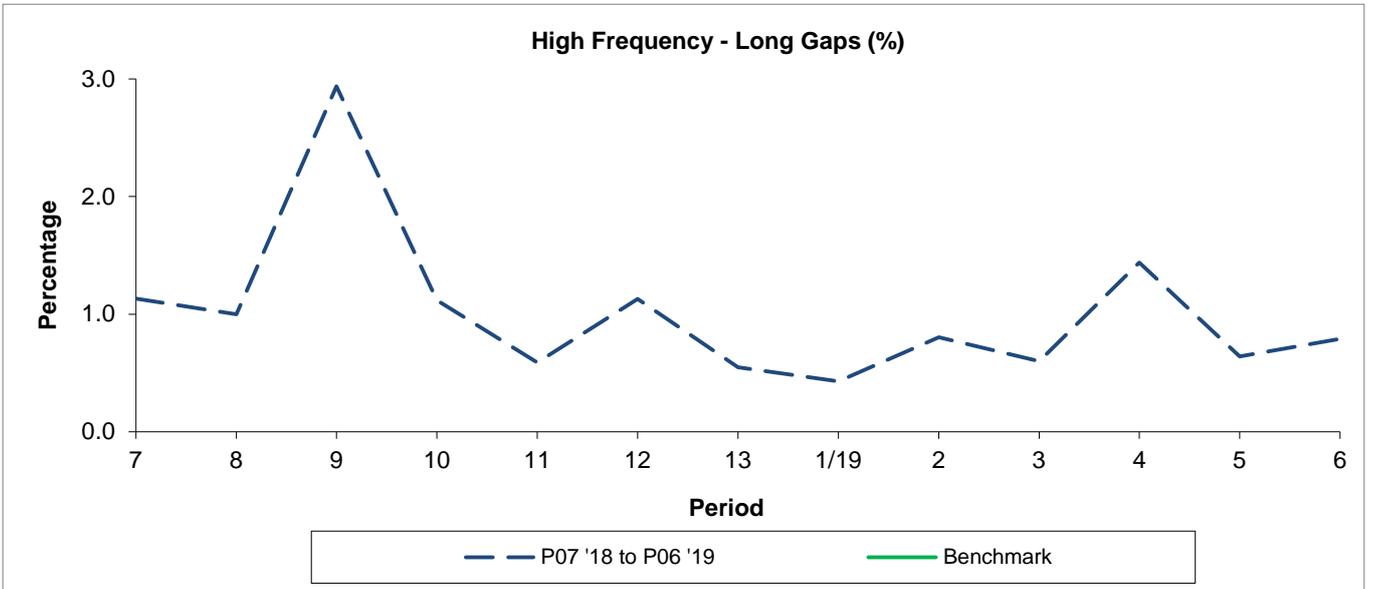
Period Trend Performance Graphs

Route 484

Reliability Performance



Period	7	8	9	10	11	12	13	1/19	2	3	4	5	6
P07 '18 to P06 '19	1.28	1.25	1.95	1.27	0.92	1.19	0.96	0.84	1.03	0.95	1.51	1.04	1.06
Minimum Standard													



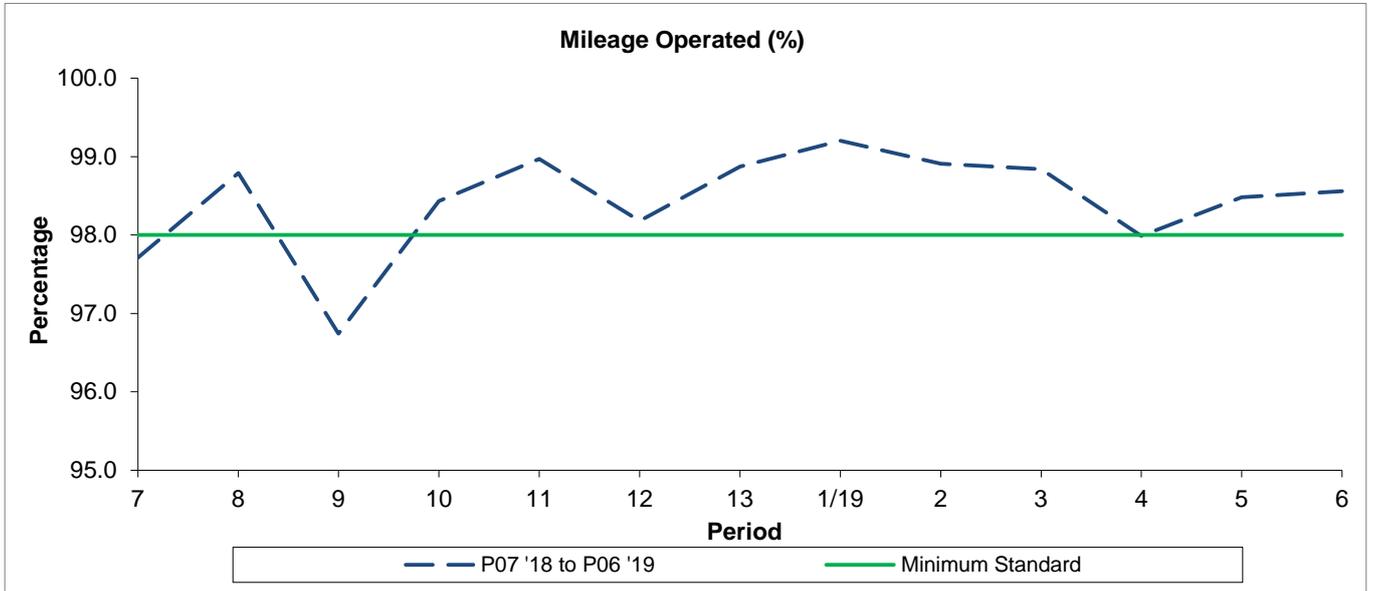
Period	7	8	9	10	11	12	13	1/19	2	3	4	5	6
P07 '18 to P06 '19	1.13	1.00	2.94	1.12	0.59	1.13	0.55	0.43	0.80	0.60	1.44	0.64	0.79
Benchmark													

Minimum Standards and Benchmarks are those applicable under the new contract.

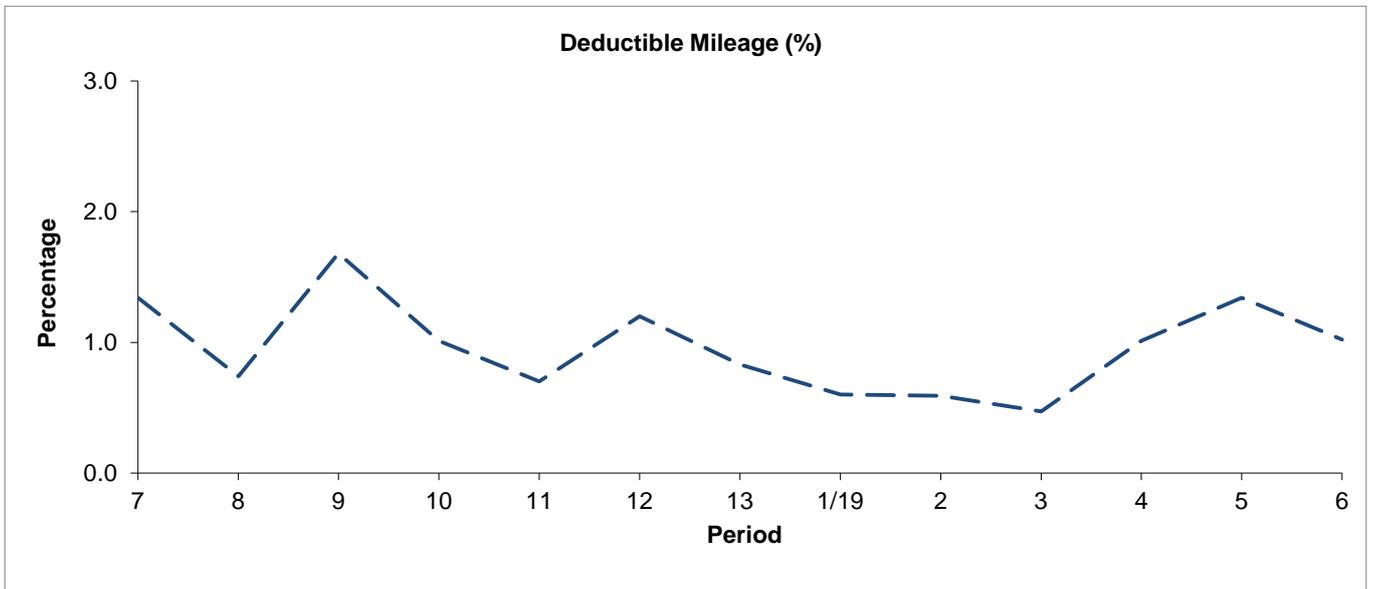
Period Trend Performance Graphs

Route 484

Mileage Performance



Period	7	8	9	10	11	12	13	1/19	2	3	4	5	6
P07 '18 to P06 '19	97.71	98.79	96.74	98.43	98.97	98.18	98.87	99.20	98.91	98.84	97.99	98.48	98.56
Minimum 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

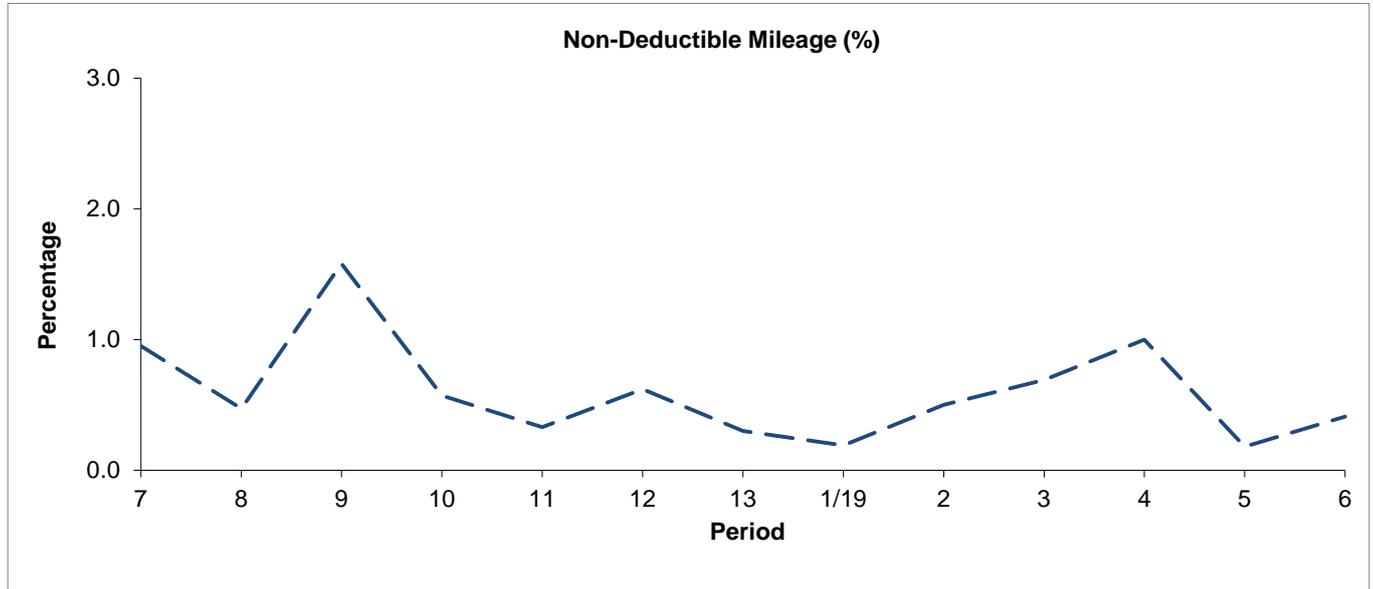


Period	7	8	9	10	11	12	13	1/19	2	3	4	5	6
P07 '18 to P06 '19	1.34	0.74	1.68	1.01	0.70	1.20	0.83	0.60	0.59	0.47	1.01	1.34	1.02

Period Trend Performance Graphs

Route 484

Mileage Performance



Period	7	8	9	10	11	12	13	1/19	2	3	4	5	6
P07 '18 to P06 '19	0.95	0.47	1.58	0.57	0.33	0.62	0.30	0.19	0.50	0.69	1.00	0.18	0.41

Mileage Performance figures are based on four weeks data

ROUTE 484 - FULL iBUS RESULTS BY TIME OF DAY
QUARTERS 03/18 to 02/19 (15/09/2018 to 13/09/2019)

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	24,547	23,381	95.2	7.14	0.59	7.74	69.3	29.2	1.5	0.1	0.2	38.9
07:00 - 10:00	45,584	44,601	97.8	5.89	1.15	7.04	74.6	23.2	2.0	0.2	0.9	56.5
10:00 - 13:00	44,854	44,313	98.8	5.99	0.97	6.96	74.7	23.6	1.5	0.1	0.6	53.0
13:00 - 16:00	44,724	43,446	97.1	6.00	1.38	7.38	71.7	25.1	2.9	0.3	1.3	50.9
16:00 - 19:00	45,013	43,369	96.3	5.97	1.67	7.64	70.6	25.5	3.4	0.5	1.8	65.2
19:00 - 22:00	39,433	39,505	100.2	6.68	1.05	7.73	68.7	27.9	3.0	0.4	0.8	70.4
22:00 - 24:00	23,559	23,517	99.8	7.34	0.82	8.15	64.8	32.3	2.6	0.3	0.4	82.2
All Locations Summary	267,714	262,132	97.9	6.14	1.24	7.39	71.8	25.3	2.5	0.3	1.1	82.2

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	4,876	4,777	98.0	7.56	0.48	8.04	64.4	34.3	1.2	0.1	0.1	37.4
07:00 - 10:00	8,307	8,172	98.4	6.70	0.74	7.44	71.6	26.9	1.4	0.1	0.2	38.8
10:00 - 13:00	9,360	9,197	98.3	6.03	0.90	6.93	74.6	23.6	1.7	0.1	0.6	37.6
13:00 - 16:00	9,330	9,017	96.6	6.00	1.66	7.66	70.9	24.7	3.6	0.9	2.3	50.3
16:00 - 19:00	9,185	9,083	98.9	6.06	1.29	7.35	71.7	25.3	2.6	0.3	1.1	52.0
19:00 - 22:00	7,575	7,538	99.5	7.37	0.86	8.23	64.5	31.9	3.3	0.3	0.4	56.0
22:00 - 24:00	5,000	4,938	98.8	7.35	1.28	8.63	62.5	32.6	4.6	0.4	0.4	49.0
All Locations Summary	53,633	52,722	98.3	6.40	1.16	7.56	70.4	26.5	2.7	0.4	1.0	56.0

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	488	507	103.9	7.56	0.38	7.94	83.3	4.7	9.5	2.4	15.3	22.0
07:00 - 10:00	5,504	5,474	99.5	10.63	0.42	11.06	51.0	39.7	8.4	0.8	0.0	61.3
10:00 - 13:00	8,016	7,932	99.0	7.48	0.64	8.12	65.2	32.8	1.9	0.1	0.1	47.4
13:00 - 16:00	7,956	7,856	98.7	7.49	0.69	8.19	64.4	32.8	2.6	0.2	0.2	39.7
16:00 - 19:00	8,008	8,008	100.0	7.42	0.74	8.16	65.1	32.3	2.4	0.2	0.2	41.4
19:00 - 22:00	8,050	7,895	98.1	7.40	0.87	8.27	64.1	32.0	3.4	0.5	0.5	43.4
22:00 - 24:00	5,325	5,379	101.0	7.41	0.74	8.15	64.9	32.4	2.6	0.2	0.2	48.6
All Locations Summary	43,347	43,051	99.3	7.77	0.69	8.46	63.7	32.8	3.2	0.3	0.5	61.3

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	29,911	28,665	95.8	7.19	0.58	7.77	69.5	28.5	1.8	0.2	0.9	38.9
07:00 - 10:00	59,395	58,247	98.1	6.19	1.08	7.27	73.2	24.3	2.2	0.2	0.8	61.3
10:00 - 13:00	62,230	61,442	98.7	6.18	0.92	7.10	73.5	24.7	1.6	0.1	0.5	53.0
13:00 - 16:00	62,010	60,319	97.3	6.17	1.34	7.51	70.7	25.9	3.0	0.4	1.3	50.9
16:00 - 19:00	62,206	60,460	97.2	6.12	1.53	7.66	70.2	26.1	3.2	0.5	1.6	65.2
19:00 - 22:00	55,058	54,938	99.8	6.86	1.00	7.87	67.6	29.0	3.1	0.4	0.7	70.4
22:00 - 24:00	33,884	33,834	99.9	7.35	0.88	8.23	64.4	32.4	2.9	0.3	0.4	82.2
All Locations Summary	364,694	357,905	98.1	6.33	1.18	7.51	70.9	26.2	2.6	0.3	1.0	82.2

Transport for London - Live Mileage List

v2.0 - Mileage directly imported from Caesar

Route: 484

Service Change: 52341
Date: 22/06/2019

Lewisham Station - Camberwell Grn., Orpheus St.	Tranche 723
Reason for Issue	New Contract

QSI points are highlighted.

OUT DIRECTION					BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles	Timing Point Code	Stop Number	Stop Name	Metres	Miles
LEWSMS	BP 5987	Lewisham Station			CAMGOS	BP 3798	Orpheus Street		
	BP 1115	Lewisham Centre	586	0.36		26058	Coldharbour Lane	325	0.20
	26286	Morley Road	227	0.14		26056	King's College Hospital	315	0.20
	27767	Wearside Road	481	0.30		26053	Denmark Hill Station	263	0.16
	BP 460	Algernon Road	365	0.23		BP 3226	Grove Lane / Champion Park	234	0.15
CLRDVH	BP 461	Cliffview Road	214	0.13		26052	Champion Grove	216	0.13
	BP 462	Fossil Road	242	0.15		26049	Champion Hill	190	0.12
	BP 463	Shell Road / Brookbank Road	126	0.08		BP 3227	Quorn Road	267	0.17
	BP 464	Brookbank Road	213	0.13		BP 4398	East Dulwich Station	184	0.11
	BP 745	Tyrwhitt Road	122	0.08		BP 574	Ondine Road	278	0.17
	BP 465	Montague Avenue	233	0.14	EDULGG	26090	East Dulwich Road / Goose Green	230	0.14
BKRDHR	BP 466	Breakspears Road	226	0.14		26091	Oakhurst Grove	279	0.17
	BP 467	Wickham Road	180	0.11	PCKRKR	1494	East Dulwich Road / Peckham Rye	150	0.09
BKLYCR	26079	Brockley Station	380	0.24		13752	Peckham Rye Common	156	0.10
	BP 1397	Endwell Road	316	0.20		26093	Solomon's Passage	380	0.24
	BP 2325	Sprules Road	335	0.21		26070	Rye Hill Park	291	0.18
	BP 738	Wallbuton Road	219	0.14		13760	Stuart Road	320	0.20
	37063	Drakefell Road	298	0.19		13762	Surrey Road	294	0.18
	36536	St Asaph Road	351	0.22	NUNHIR	26095	Merttins Road	345	0.21
BKLYFR	37061	Brockhill Crescent	303	0.19		26097	St Norbert Road	323	0.20
	26099	Turnham Road	179	0.11		26098	Turnham Road	257	0.16
	26096	St Norbert Road	234	0.15	BKLYFR	36585	Brockhill Crescent	145	0.09
	13795	Inverton Road	368	0.23		40007	St Asaph Road	294	0.18
	13761	Surrey Road	275	0.17		36537	Avignon Road / Drakefell Road	195	0.12
	13759	Stuart Road	296	0.18		37056	Kitto Road	213	0.13
	26094	Rye Hill Park	355	0.22		BP 737	Wallbuton Road	276	0.17
	26092	Solomon's Passage	309	0.19		BP 1396	Endwell Road	449	0.28
	13753	Peckham Rye / Nunhead Lane	207	0.13	BKLYCR	BP 468	Brockley Delivery Office	506	0.31
PCKRKR	13750	East Dulwich Road / Peckham Rye	231	0.14		BP 469	Wickham Road	227	0.14
	13749	Oakhurst Grove	232	0.14	BKRDHR	BP 470	Breakspears Road	200	0.12
EDULGG	26089	East Dulwich Road / Goose Green	295	0.18		BP 471	Tressillian Road	140	0.09
	13380	Elsie Road	360	0.22		BP 744	Tyrwhitt Road	262	0.16
	26047	East Dulwich Station	158	0.10		BP 472	Brookbank Road	185	0.11
	26050	Champion Hill	466	0.29		BP 473	Shell Road / Brookbank Road	225	0.14
	26051	Champion Grove	216	0.13	CLRDVH	BP 474	Cliffview Road	187	0.12
	26054	Denmark Hill Station	424	0.26		BP 475	Vicars Hill / Ladywell Station	434	0.27
	26057	King's College Hospital	317	0.20		27766	Wearside Road	351	0.22
	2013	Coldharbour Lane	216	0.13		33426	Lewisham Fire Station	208	0.13
CAMGOS	BP 3798	Orpheus Street	183	0.11		BP 1112	Lewisham Centre	463	0.29
					LEWSSR	BP 5993	Lewisham Station	819	0.51
Total Route Mileage - Out Direction			10738	6.67	Total Route Mileage - Back Direction			11076	6.88
			Metres	Miles				Metres	Miles