

Mini Service Specification

Route Number	472 & N472
Terminus Points	North Greenwich Station, Bus Station and Abbey Wood Station
Minimum Performance Standard - Route No. 472	Average Excess Wait Time - No more than 1.00 minutes
Extension Threshold - Route No. 472	Average Excess Wait Time Threshold - 0.90 minutes
Minimum Operated Mileage Standard - Route No. 472	No less than 98.00%

Please supply details of resource and cost changes (in ITT Part 2B and Part 10 format) by Monday 26th March 2018.

SERVICE SPECIFICATION

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

2) NOTES

Proposed Changes:

The following alterations (subject to consultation) are proposed for introduction:

- Mondays to Fridays daytime frequencies are reduced from every 6 minutes to every 8 minutes.
- The six additional Mondays to Fridays short-working journeys between Charlton Station and North Greenwich Station are withdrawn.
- Saturdays daytime frequencies are reduced from every 7-8 minutes (8 buses per hour) to every 10 minutes.
- Sundays daytime frequencies are reduced from every 10 minutes to every 12 minutes.
- Route No. 472 is restructured to operate between North Greenwich Station, Bus Station and Abbey Wood Station via Crossway and Western Way.
- The section of routeing via Bentham Way and Nathan Way is withdrawn.
- **Please see Section 5 for a full list of streets traversed and standing arrangements.**
- **Please identify the cost of the Nightly element of this service separately.**

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

North Greenwich Station, Bus Station to Abbey Wood Station		Abbey Wood Station to North Greenwich Station, Bus Station			
First departure no later than 0450.		First departure no later than 0410.			
0445 - 0535	Every 12 minutes	0405 - 0500	Every 12 minutes		
0536 - 0605	Every 10 minutes	0501 - 0530	Every 10 minutes		
0606 - 2020	Every 8 minutes	0531 - 1935	Every 8 minutes		
2021 - 0125	Every 10 minutes	1936 - 0040	Every 10 minutes		
Last departure no earlier than 0120.		Last departure no earlier than 0035.			
Pinchpoints					
Princess Alice	0735 - 0900	8 minutes	Charlton, Anchor & Hope Lane	0730 - 0905	8 minutes
	1505 - 1630	8 minutes		1500 - 1635	8 minutes

3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

North Greenwich Station, Bus Station to Abbey Wood Station		Abbey Wood Station to North Greenwich Station, Bus Station			
First departure no later than 0450.		First departure no later than 0410.			
0445 - 0510	Every 20 minutes	0405 - 0555	Every 15 minutes		
0511 - 0625	Every 15 minutes	0556 - 0655	Every 12 minutes		
0626 - 0735	Every 12 minutes	0656 - 0040	Every 10 minutes		
0736 - 0125	Every 10 minutes				
Last departure no earlier than 0120.		Last departure no earlier than 0035.			
Pinchpoints					
Princess Alice	0855 - 1055	10 minutes	Charlton, Anchor & Hope Lane	0905 - 1105	10 minutes

3.3) SUNDAY AND PUBLIC HOLIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

North Greenwich Station, Bus Station to Abbey Wood Station		Abbey Wood Station to North Greenwich Station, Bus Station			
First departure no later than 0450.		First departure no later than 0410.			
0445 - 0510	Every 20 minutes	0405 - 0825	Every 15 minutes		
0511 - 0925	Every 15 minutes	0826 - 0040	Every 12 minutes		
0926 - 0125	Every 12 minutes				
Last departure no earlier than 0120.		Last departure no earlier than 0035.			
Pinchpoints					
Princess Alice	0950 - 1150	12 minutes	Charlton, Anchor & Hope Lane	0955 - 1155	12 minutes

Please identify the cost of the Boxing Day element of this service separately.

3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued

3.4) NIGHTLY

North Greenwich Station, Bus Station to Abbey Wood Station		Abbey Wood Station to North Greenwich Station, Bus Station	
First departure no later than 0135.		First departure no later than 0050.	
0130 - 0440	Every 30 minutes	0045 - 0355	Every 30 minutes
Last departure no earlier than 0435.		Last departure no earlier than 0350.	

Please identify the cost of the Nightly element of this service separately.

4) OPERATIONAL CONSIDERATIONS

4.1) Route No. 472 should interwork with Route No. N472 to form a seamless 24 hour service.

5) ROUTE RECORD, IBUS MILEAGE & QSI POINTS

5.1) ROUTE RECORD
As per Busnet Printout.

5.2) IBUS MILEAGE & QSI POINTS
As per current print out.

LONDON BUSES - ROUTE DESCRIPTION

ROUTE 472: North Greenwich Station - Abbey Wood Station (24 hour service)

Date of Structural Change: 26 January 2019.

Date of Service Change: 26 January 2019.

Reason for Issue: New tender.

STREETS TRAVERSED

Towards Abbey Wood Station: North Greenwich Bus Station, Edmund Halley Way, Pilot Busway, Southern Way, Commercial Way, Peartree Way, Bugsby's Way, Anchor And Hope Lane, Woolwich Road, Woolwich Church Street, Woolwich High Street, John Wilson Street, Castile Road, Monk Street, Calderwood Street, Thomas Street, Woolwich New Road, Plumstead Road, Pettman Crescent, Western Way, Central Way, Twin Tumps Way Roundabout, Central Way, Thamesmere Drive Roundabout, Central Way, Greenhaven Drive Roundabout, Crossway, Summerton Way Roundabout, Crossway, Boiler House Roundabout, Carlyle Road, Harrow Manor Way, Lensbury Way Roundabout, Harrow Manor Way, Knee Hill, Wilton Road, Gayton Road.

Towards North Greenwich Station: Gayton Road, Florence Road, Abbey Road, Abbey Wood Road, Knee Hill, Harrow Manor Way, Harrow Manor Way Roundabout, Harrow Manor Way, Carlyle Road, Boiler House Roundabout, Crossway, Summerton Way Roundabout, Crossway, Greenhaven Drive Roundabout, Central Way, Thamesmere Drive Roundabout, Central Way, Twin Tumps Way Roundabout, Central Way, Western Way, Pettman Crescent, Plumstead Road, Beresford Street, Woolwich High Street, Woolwich Church Street, Woolwich Road, Anchor And Hope Lane, Bugsby's Way, Peartree Way, Commercial Way, Southern Way, Pilot Busway, Edmund Halley Way, North Greenwich 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.

NORTH GREENWICH STATION

Private stand in three sections for 21 buses in Bus Parking Areas within North Greenwich Bus Station complex:

1 - offside facing south commencing 6.7 metres south of lamp standard No. NG18 and extending 51.8 metres north.

2 - facing north commencing 11.5 metres north of lamp standard No. NG07 and extending 95.8 metres south.

3 - offside facing north opposite Section 2 stand and extending 87.3 metres south.

Buses proceed from North Greenwich Bus Station direct to stand, departing to North Greenwich Bus Station. Set down in North Greenwich Bus Station, at Stop E (BP2277 - North Greenwich Station <>, Last Stop on LOR: BP2277 - North Greenwich Station <>) and pick up in North Greenwich Bus Station, at Stop A (BP2273 - North Greenwich Station <>, First Stop on LOR: BP2273 - North Greenwich Station <>).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 472 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:	North Greenwich.
OTHER INFORMATION:	Buses must not under any circumstances enter the access roads on the eastern side of the bus station complex.

CHARLTON, ANCHOR & HOPE LANE (from ABBEY WOOD STATION)

Public stand for two buses on east side of Anchor & Hope Lane, commencing 89 metres south of and opposite Bugsbys Way extending 20 metres north.

Buses proceed from Anchor And Hope Lane direct to stand, departing via Anchor And Hope Lane to Woolwich Road. Set down in Anchor And Hope Lane, at Stop G (35708 - Anchor And Hope Lane, Last Stop on LOR: 35708 - Anchor And Hope Lane) and pick up in Woolwich Road, at Stop E (26701 - Charlton Station / Woolwich Road, First Stop on LOR: 26701 - Charlton Station / Woolwich 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:	Charlton.
OTHER INFORMATION:	Buses must be parked in cage markings to avoid obstruction to movement of other vehicles. Request stops are sited in Anchor and Hope Lane and Bugsby's Way.

CHARLTON STATION

Buses depart from out of service to Anchor And Hope Lane. Pick up in Charlton Church Lane, at stop H (BP2459 - Charlton Stn # / Charlton Church Lane).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	Unscheduled curtailments only
BLIND DISPLAY:	Charlton.

WOOLWICH, BERESFORD STREET (from ABBEY WOOD STATION)

Public stand for ten buses on south side of Beresford Street and Woolwich High Street in 3 parts:

1. For two buses commencing 25 metres south east of Macbean Street extending 31 metres south east.
2. For three buses as an overflow stand commencing 4 metres north west of lamp standard 06A0121 extending 36 metres south east.
3. For five buses as an overflow stand commencing 4 metres west of lamp standard 16AA1549 extending 61 metres east.

Buses proceed from Plumstead Road via Beresford Street to stand, departing via Beresford Street and Woolwich High Street to John Wilson Street. Set down in Plumstead Road, at Stop D (BP4397 - Plumstead Road / Woolwich Public Market, Last Stop on LOR: BP4397 - Plumstead Road / Woolwich Public Market) and pick up in John Wilson Street, at Stop Y (37259 - John Wilson Street / Powis Street, First Stop on LOR: 37259 - John Wilson Street / Powis Street).

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:	Woolwich.

WOOLWICH, MONK STREET (from North Greenwich Station)

Public stand for five buses in Monk Street in three parts:

- 1 - For two buses on the west side commencing 52 metres north of Castile Road and extending 25 metres south.
- 2 - For two buses on the west side commencing 42 metres north of Calderwood Street extending 25 metres south.
- 3 - For one bus on east side commencing 10 metres north of Calderwood Street extending 13.5 metres north.

Buses proceed from John Wilson Street via Castile Road and Monk Street to stand, departing via Monk Street, Bus Turning Circle, Monk Street, Calderwood Street, Thomas Street, Woolwich New Road, Vincent Road and Burrage Road to Plumstead Road. Set down in John Wilson Street, at stop Y (37259 - John Wilson Street / Powis Street, Last Stop on LOR: 37259 - John Wilson Street / Powis Street) and pick up in Plumstead Road, at Stop D (BP4397 - Plumstead Road / Woolwich Public Market, First Stop on LOR: BP4397 - Plumstead Road / Woolwich Public Market).

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:	Woolwich.

PLUMSTEAD BUS GARAGE

Private stand in Stagecoach's Plumstead Bus Garage.

From Abbey Wood Station.

Buses proceed from Nathan Way via Pettman Crescent, Plumstead Road, Pettman Crescent and Plumstead Bus Garage to stand, departing via Plumstead Bus Garage, Service Road and Pettman Crescent to Nathan Way. Set down in Nathan Way, at stop WS (BP2149 - Pettman Crescent and pick up in Nathan Way, at stop P (BP2142 - Pettman Crescent.

From North Greenwich Station.

Buses proceed from Plumstead Road via Pettman Crescent and Plumstead Bus Garage to stand, departing via Plumstead Bus Garage, Service Road and Pettman Crescent to Plumstead Road. Set down in Plumstead Road, at stop A (BP1283 - Plumstead Bus Garage, Last Stop on LOR: BP1283 - Plumstead Bus Garage) and pick up in Plumstead Road, at stop WM (36510 - Plumstead Road / Plumstead Station #, First Stop on LOR: 36510 - Plumstead Road / Plumstead 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:	Plumstead Station.

ABBEY WOOD STATION, GAYTON ROAD

Public stand for 3 buses on north side of Gayton Road commencing opposite and 1 metre east of lamp standard No. 4 and extending 30.7 metres west.

Buses proceed from Gayton Road direct to stand, departing to Gayton Road. Set down in Gayton Road, at stop M (6000 - Gayton Road / Abbey Wood Station #, Last Stop on LOR: 36531 - Poplar Place) and pick up in Gayton Road, at stop M (6000 - Gayton Road / Abbey Wood Station #, First Stop on LOR: 36678 - Poplar Place).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 472 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:	Abbey Wood.

Transport for London - QSI Points and Live Mileage List

v2.0 - Mileage directly imported from Caesar

TRANCHE 632

Route 472 / N472
 Service change 32813
 Date 25/01/2014
 QSI Points are highlighted in yellow.

Reason for Issue

New Contract

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
NGNHSN	BP 2273	North Greenwich Station		
	BP 2463	Millennium Village / Oval Square	993	0.62
	BP 2461	Millennium Village South	301	0.19
	BP 2782	Odeon Cinema	297	0.18
GNCPSY	BP 2401	Sainsbury's At Greenwich Peninsula	221	0.14
	BP 2172	Peninsular Park Road	609	0.38
	35706	Anchor and Hope Lane	486	0.30
CHARAH	26701	Royal Greenwich Uni Tech College	432	0.27
	BP 2408	Stone Lake Retail Park	330	0.21
	26699	Woolwich Road / Charlton Lane	159	0.10
	29851	Royal Greenwich Uni Tech College	226	0.14
	37977	Warspite Road	498	0.31
	R 0563	Frances Street	444	0.28
	26692	Kingsman Street	179	0.11
	35487	Woolwich Ferry	203	0.13
	37259	John Wilson Street / Powis Street	313	0.19
	37149	Thomas Street / Greens End	610	0.38
WOOLAS	BP 5480	Woolwich Arsenal Station	214	0.13
	BP 5540	Plumstead Road / Woolwich Public Market	308	0.19
	R 0385	Maxey Road	442	0.27
PD GRP	BP 1283	Plumstead Bus Garage	272	0.17
BMSHPR	BP 878	Princess Alice	1071.594	0.67
	BP 3114	Grasshaven Way	1198	0.74
	BP 1813	Watersmeet Place	356	0.22
THMDCT	BP 1583	Central Way / Thamesmead Town Centre	175	0.11
	36669	Linton Mead Primary School	450.52	0.28
	36673	Hoveton Road	373	0.23
	36674	Nickelby Close	227	0.14
	36675	Eastgate Close	539	0.33
	36677	Lister Walk	343	0.21
	36678	Poplar Place	351	0.22
THMDCW	35406	Carlyle Road / Crossway	378	0.23
	34812	Newacres Library	782	0.49
	33040	Harrow Manorway / Yarrnton Way	267	0.17
	33041	Overton Road	200	0.12
	35309	Harrow Manorway / Abbey Wood Station	299	0.19
	26601	Abbey Wood Road	413	0.26
ABWDSN		Gayton Road	466.61	0.29

between BP 15

top unknown -

Total Route Mileage - Out Direction	15430.31	9.59
	Metres	Miles

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
ABWDSN		Gayton Road		
	3963	Abbey Wood Road	18.16463347	0.01
	TS 0014	Abbey Wood Station	315	0.20
	33045	Harrow Manorway / Lensbury Way	367	0.23
	34813	Newacres Library	399	0.25
THMDCW	34918	Carlyle Road / Bentham Road	718	0.45
	36531	Poplar Place	332	0.21
	36530	Curlew Close	301	0.19
	37181	Lister Walk	133	0.08
	36676	Manordene Road	461	0.29
	36522	Nickelby Close	394	0.24
	36529	Hoveton Road	285	0.18
	36670	Linton Mead Primary School	353	0.22
THMDCT**		Thamesmead Town Centre / Central Way		
	BP 1812	Watersmeet Place	606.593	0.38
	BP 3113	Grasshaven Way	447	0.28
BMSHPR	R 0386	Belmarsh Prison	1165	0.72
PLUMSN	36510	Plumstead Road / Plumstead Station	1029.76	0.64
	34579	Greenwich Community College	246	0.15
	8931	Maxey Road	229	0.14
WOOLPR	BP 4397	Plumstead Road / Woolwich Public Market	404	0.25
	3681	Beresford Square / Woolwich Arsenal Stn	171	0.11
	26687	Woolwich Ferry	551	0.34
	26693	Kingsman Street	507	0.32
	18834	Prospect Vale	302	0.19
	18832	Warspite Road	341	0.21
	29687	Clevey Close	337	0.21
	14452	Thames Barrier	131	0.08
	34292	Woolwich Road / Charlton Lane	229	0.14
	BP 2409	Stone Lake Retail Park	156	0.10
CHARAH	35708	Anchor and Hope Lane	468	0.29
	BP 2267	Bugsbys Way / Gallions Road	354	0.22
	BP 2171	Peninsular Park Road	382	0.24
GNCPSY	BP 2402	Sainsbury's At Greenwich Peninsula	524	0.33
	BP 2783	Odeon Cinema	218	0.14
	BP 2462	Millennium Village South	306	0.19
	BP 2460	Millennium Village / Oval Square	304	0.19
NGNHSN	BP 2277	North Greenwich Station	1305	0.81

Total Route Mileage - Back Direction	14786.71	9.19
	Metres	Miles

MILEAGES HIGHLIGHTED IN RED ARE A PLANNING ESTIMATE ONLY

** This point is dependent upon plans to locate a new stop going ahead in direction 2.