

Thameslink/GN Franchise SLC2

12 December 2005

Part 1

Service Level Commitment – General Provisions

1. CONSTRUCTION

The following provisions of this Part 1 to this Appendix 1 shall apply in respect of the Service Level Commitment set out in Part 2 to this Appendix 1.

2. DAYS AND TIMES OF DAY

- 2.1 Except to the extent the context otherwise requires, references to a day mean the period commencing at 0200 on one day and ending at 0159 on the following day and references to Weekdays and particular days of the week shall be construed accordingly.
- 2.2 References to periods of times and periods of days include the times and days such periods start and finish.
- 2.3 All references to time are to the twenty-four hour clock.

3. SERVICES

- 3.1 Except where expressly indicated to the contrary, references to services, all services or any part or any proportion of services are to be construed as references to the Passenger Services (or the relevant part or proportion thereof) required to be included by the Franchisee in its Timetable pursuant to paragraph 10.2 of Schedule 1.1 of the Franchise Agreement and do not include such additional railway passenger services as the Franchisee may be permitted to provide from time to time under this Agreement.
- 3.2 Except where expressly indicated to the contrary, where an interval or frequency is specified for a service, such specification shall apply at the departure point for the relevant service.
- 3.3 Except where expressly indicated to the contrary, all services are to run in both directions and the requirements of the Service Level Commitment (including any interval between services, frequency of service or stopping pattern) are to apply in each direction.
- 3.4 Except where expressly indicated to the contrary, references to “Summer” shall mean that period in any year from the last Saturday in May until the third Saturday in September and “Winter” is defined as any period other than “Summer.”

4. STATIONS

- 4.1 Except where expressly indicated to the contrary and subject always to compliance with the other provisions of the Service Level Commitment (including any maximum Journey Times) nothing in the Service Level Commitment shall prevent services which are required to be included by, or on behalf of, the Franchisee in the Timetable pursuant to paragraph 10.2 of Schedule 1.1 calling at any stations which are not specified in the Service Level Commitment or any relevant part of it.
- 4.2 The Franchisee may designate any station, at which a service calls, as a Request Stop Station, where such service need only call when a passenger or intending passenger wishes to join such service or leave such service at such station. Any such designation by the Franchisee shall be clearly advertised in advance to intending passengers (including in the Timetable).

5. CONNECTIONS

- 5.1 Except where expressly indicated to the contrary, a service which is required to be included in the Timetable shall be provided so as to enable travel between the stations specified without passengers being required to change train. Where a service may be provided by a Connection or where a Connection is required to be provided between two services, such service or combination of services may be provided without change of train being required.
- 5.2 Except where expressly indicated to the contrary, where Connections are required to be provided by the Franchisee, the Franchisee shall ensure that the interval or waiting period between the two relevant services is of a sufficient duration to allow passengers a reasonable period of time to transfer between such services.
- 5.3 Except where expressly indicated to the contrary, where services are subject to maximum Journey Times, such Journey Times shall not apply where the services are required to be, or may be, provided by Connections.

6. PEAK, OFF-PEAK AND CONTRA-PEAK

- 6.1 Peak means, in relation to any service a Weekday Service (except Christmas and Bank Holidays) which arrives at London (London Bridge, London Blackfriars, City Thameslink, Farringdon, London Moorgate, London Kings Cross or London Kings Cross Thameslink), between 0700 and 0959 (the “Morning” Peak) and departs from London (London Bridge, London Blackfriars, City Thameslink, Farringdon, London Moorgate, London Kings Cross or London Kings Cross Thameslink), between 1600 and 1859 (the “Evening” Peak)
- 6.2. Contra-Peak means in relation to any service, those services originating from the point of destination of Peak services during the Peak periods defined in paragraph 6.1.
- 6.3. Off-Peak means in relation to any service any period which is not Peak.

7. BANK HOLIDAYS

The level of service required to be included in the Timetable for the following days shall, except to the extent the Authority otherwise agrees, be as follows:

24 December:	A reduced or altered service may be operated after 1300;
Christmas Day and Boxing Day:	No services are required to be operated;
Weekdays falling between Christmas and New Year:	Saturday service to operate;
New Year's Day:	Sunday service to operate, unless otherwise shown in the Service Level Commitment;
Other Bank Holidays:	Saturday service to operate.

8. SERVICE INTERVALS

8.1 Except where expressly indicated to the contrary, where the Franchisee is required to include within the Timetable, services for a specified period (which period shall commence and end with an Early Service or Late Service), with a specified interval between each such service during such period, then the following shall apply:

- (a) the minimum number of services to be included in the Timetable in such period shall be determined in accordance with the following formula:

$$S = \frac{TM}{IM}$$

where:

S is the minimum number of services to be included in the Timetable;

TM is the total minutes in the specified period; and

IM is the number of minutes in the specified interval, rounded down to the nearest whole number;

- (b) the interval between any two services during such period may be extended by:

- (i) five minutes; or,

- (ii) if greater, an amount of minutes equivalent to one-sixth of the specified interval between each service rounded down to the nearest whole number,

subject to the other provisions of this paragraph 8.1 and such extension not exceeding ten minutes;

- (c) the interval between any two services may be reduced, subject to the other provisions of this paragraph 8.1, the interval between each service required in accordance with paragraph 8.1(a) for such period, by such amount as the Franchisee may determine;
- (d) the interval between services during such specified period shall be such that, for any period which occurs during such specified period and has a duration equivalent to:

$$((4 \times SI) + E) \text{ minutes}$$

where:

SI is equal to the specified interval between such services; and

E is equal to the extension permitted to such interval under paragraph 8.1(b),

at least four services shall be included in the Timetable in such period; and

- (e) the intervals between the start of such period of time and the first service in such period (save where such period of time starts with an Early Service) and between the last service in such period and the end of such period (save where such period of time ends with a Late Service) shall each be no more than the interval between each service specified for such period and (save where such period of time starts and/or ends with an Early Service/Late Service) one of such intervals shall be no more than half such interval between each service.

- 8.2 Except where expressly indicated to the contrary, where one period ends and another period begins immediately thereafter and services are specified at different intervals for each such period, the maximum interval between the last service in the first period and the first service in the second period shall be the longer of the maximum intervals allowed for each such period.

Part 2

INDEX TO ROUTES

ROUTE

(GN)

- A. London (Moorgate/ Kings Cross) to Hertford North and Letchworth Garden City.
- B. London (Moorgate/ Kings Cross) to Welwyn Garden City.
- C. London (Moorgate/ Kings Cross) and Stevenage to Huntingdon and Peterborough.
- D. London (Kings Cross) and Stevenage to Cambridge
- E. London (Kings Cross) and Kings Lynn.

(Thameslink)

- F. London (Blackfriars/Moorgate) to Bedford.
- G. London (Blackfriars/Moorgate) to St Albans and Luton.
- H. London (Kings Cross Thameslink/London Bridge) to Gatwick Airport and Brighton.
- I. London (Kings Cross Thameslink) to Wimbledon and Sutton.
- J. London (Kings Cross Thameslink) to Hackbridge and Sutton.

Route A – London (Moorgate/ Kings Cross) to Hertford North and Letchworth Garden City.

1. ROUTE DEFINITION

1.1 Services shall be provided between:

London (Moorgate), Old Street, Essex Road, Highbury and Islington and Drayton Park, or

London Kings Cross and

Finsbury Park and Hertford North, calling at Harringay, Hornsey, Alexandra Palace, Bowes Park, Palmers Green, Winchmore Hill, Grange Park, Enfield Chase, Gordon Hill, Crews Hill, Cuffley, and Bayford.

1.2 Services in paragraph 1.1 shall extend to or originate from

Letchworth Garden City, calling at Watton-at-Stone, Stevenage and Hitchin, as described below.

2. SERVICE PATTERN MONDAY TO FRIDAY -FINSBURY PARK TO HERTFORD NORTH.

2.1 Between the Early Service and 0905 and between 1940 and the Late Service a half hourly interval service shall be provided calling at the stations described in paragraph 1.1.

2.2. Between 0905 and 1629 a 20 minute interval service shall be provided calling at the stations described in paragraph 1.1

2.3 The Early Service and the following two services shall originate from London (Kings Cross). One of these services shall extend to Stevenage calling at Watton-at-Stone.

2.4 Between 0640 and 2230 all services shall originate from Moorgate and call at all intermediate stations between Moorgate and Finsbury Park.

2.5 Four of the services specified in 2.1 between 0715 and 0900 shall extend to Stevenage calling at intermediate stations.

2.6 At hourly intervals between 1100 and 1500, services specified in paragraph 2.2 shall extend to Letchworth Garden City, calling at intermediate stations.

2.7 Between 1500 and 1700 alternate services specified in paragraph 2.2 shall extend to Stevenage calling at Watton-at-Stone.

2.8 Services from London between 1630 and 1930 shall call at the stations below at the maximum intervals shown:

Service timed at Finsbury Park	No of stops	Max Interval
Moorgate, Old Street, Essex Road, Highbury & Islington, Drayton Park, Finsbury Park, Palmers Green , Winchmore Hill, Enfield Chase, Gordon Hill.	17	10 minutes <i>with two exception of 15 minutes</i>
Harringay, Hornsey, Alexandra Palace, Bowes Park, Grange Park	11	10 minutes with <i>two exceptions of 20 minutes, two exceptions of 30 minutes, and two exception of 15 minutes</i>
Crews Hill, Bayford	7	30 minutes
Cuffley, Hertford North	16	10 minutes <i>with two exceptions of 15 minutes and one exception of 20 minutes.</i>
Watton-at-Stone, Stevenage	6	30 minutes <i>with one exception of 60 minutes and one exception of 40 minutes</i>
Hitchin, Letchworth Garden City	3	30 minutes

- 2.9. Between 2015 and 2230 services, alternate services shall be extended to Letchworth Garden City, calling at all intermediate stations.
- 2.10. All services after 2230 shall originate from London (Kings Cross) and need only call at Finsbury Park, Palmers Green, Winchmore Hill, Enfield Chase, Gordon Hill, Cuffley, Hertford North and Watton-at-Stone before arriving at Stevenage. One of these services may terminate at Hertford North.
- 2.11 Between 2315 and the Late Service all services shall extend to Stevenage and between 2400 and the Late Service alternate services shall extend from Stevenage to either Hitchin or Letchworth Garden City. The Late Service may terminate at Hitchin.

3. SERVICE PATTERN MONDAY TO FRIDAY. HERTFORD NORTH TO MOORGATE/ LONDON(KINGS CROSS).

- 3.1 Between the Early Service and 0715 and between 0830 and 1620 a 20 minute interval service shall be provided from Hertford North to Moorgate, calling at all Stations specified in paragraph 1.1. Between 1620 and the Late Service a 30 minute interval shall be provided. The Early Service need not call at stations between Drayton Park and Moorgate but shall call at London (Kings Cross).
- 3.2 Between 0715 and 0830 eight services shall be provided from Hertford North to Moorgate, calling at all Stations specified in paragraph 1.1.at a maximum interval of ten minutes with one exception of 30 minutes.
- 3.3 The Early Service shall originate from Letchworth Garden City (between 0445 and 0500) and terminate at London (Kings Cross), calling at all intermediate stations.
- 3.4 Between the Early Service and 0830 five services from Hertford North to London (Moorgate) shall originate from Letchworth Garden City.
- 3.5 Between 0700 and 0720, one additional service and between 0810 and 0920 three additional services at a maximum interval of 45 minutes shall be provided from Gordon Hill to London (Moorgate), calling at all intermediate stations.
- 3.6 Services towards London between 0645 and 0900 shall call at maximum intervals at stations shown below.

Service timed at Hertford North	No of stops	Max Interval
Letchworth Garden City, Hitchin	2	1 hour 30 minutes
Stevenage, Watton at Stone	5	30 minutes
Hertford North, Cuffley, Gordon Hill, Enfield	12	20 minutes

Chase, Finsbury Park, Moorgate		
Bayford, Crews Hill	4	35 minutes
Grange Park	8	20 minutes
Winchmore Hill, Palmers Green, Alexandra Palace, Drayton Park, Highbury & Islington, Essex Road, Old Street	10	20 minutes
Bowes Park	10	30 minutes
Hornsey, Harringay	8	30 minutes

- 3.8 Between 1015 and 1630 six services shall originate from Letchworth Garden City at hourly intervals and call at all intermediate stations.
- 3.9 Between 1630 and 1700, one service shall originate from Letchworth Garden City and between 2115 and including the Late Service, three services at hourly intervals shall originate from Letchworth Garden City and call at all intermediate stations
- 3.10 All services between 2200 until and including the Late Service shall continue to London (Kings Cross).

4. SERVICE PATTERN SATURDAYS

- 4.1 Between and including the Early and Late Services 37 services shall be provided between London (Kings Cross) and Finsbury Park and Hertford North, at half-hourly intervals, calling at all stations specified in paragraph 1.1.
- 4.2 Between and including the Early and Late Services 39 services shall be provided between Hertford North and Finsbury Park and London (Kings Cross), at half-hourly intervals, calling at all stations specified in paragraph

1.1. One of these services need not call at Harringay and one service may terminate at Gordon Hill.

4.3 Between 0615 and 2345, services shall be extended or originate at hourly intervals from Hertford North to Stevenage calling at Watton-at-Stone.

4.4 The second service from Hertford North shall originate from Letchworth Garden City and call at Hitchin, Stevenage and Watton-at-Stone.

5. SERVICE PATTERN SUNDAYS

5.1 Between and including the Early and Late Services 36 services shall be provided at 30 minute intervals between London (Kings Cross) and Hertford North calling at the stations in paragraph 1.1. One service an hour shall be extended to Stevenage calling at Watton-at-Stone.

5.2 Between and including the Early and Late Services 32 services shall be provided at 30 minute intervals from Hertford North to London (Kings Cross) calling at the stations in paragraph 1.1. One service per hour shall have originated from Stevenage calling at Watton-at-Stone.

5.3 Two services shall be provided from Hertford North to London (Kings Cross) before the Early Service

5.4 Two services shall be provided from London (Kings Cross) to Letchworth both of which need not call at Harringay, Bowes Park, Grange Park, Crews Hill, Bayford and Watton-on-Stone. One of these services need not call at Hornsey.

6. EARLY AND LATE SERVICES

Early Service arrives at destination no later than:			
Route	Monday - Friday	Saturday	Sunday
Finsbury Park to Hertford North	0620	0615	0700
Hertford North to Finsbury Park	0600	0450	0900

(London Kings Cross)

Late Service departs no earlier than:

Route	Monday - Friday	Saturday	Sunday
Finsbury Park to Hertford North	0100	2400	2315
Hertford North to Finsbury Park	2400	2330	2330

7. MAXIMUM JOURNEY TIMES

Route	Monday - Friday	Saturday	Sunday
Finsbury Park to Hertford North	38 minutes	38 minutes	38 minutes
Hertford North to Finsbury Park	35 minutes.	35 minutes	35 minutes

Route B – London (Moorgate/ Kings Cross) to Welwyn Garden City.

1. ROUTE DEFINITION

- 1.1. A service shall be provided between Moorgate and Welwyn Garden City, calling at Old Street, Essex Road, Highbury & Islington, Drayton Park, Finsbury Park, Harringay, Hornsey, Alexandra Palace, New Southgate, Oakleigh Park, New Barnet, Hadley Wood, Potters Bar, Brookmans Park, Welham Green and Hatfield.
- 1.2. Services in paragraph 1.1. may extend to or originate from London (Kings Cross) as described below.

2. SERVICE PATTERN MONDAY TO FRIDAY – LONDON DEPARTURES.

- 2.1. Between the Early Service and 0905 a half-hourly service shall be provided calling at the stations described in paragraph 1.1.
- 2.2. Between 0905 and 1705, a 20 minute interval service shall be provided calling at the stations described in paragraph 1.1. Two intervals of up to 30 minutes shall be permitted between 1540 and 1640.
- 2.3. One service departing between 1700 and 1710 may omit to call at Harringay, Hornsey and Alexandra Palace.
- 2.4. Between 1705 and 1935 11 services shall be provided with a maximum interval of 20 minutes. Three of these services need not call at Harringay, Hornsey and Alexandra Palace provided that a maximum interval of 30 minutes between services at these stations is maintained.
- 2.5. Between 1935 and the Late Service, a half-hourly service shall be provided calling at the stations described in paragraph 1.1.
- 2.6. Between 0600 and 0620 one service shall be provided from London (Kings Cross) to Finsbury Park, then calling at all intermediate stations described in paragraph 1.1 between Finsbury Park and Welwyn Garden City.
- 2.7. Between 2240 and 0020 a half hourly service shall be provided from London (Kings Cross) to Finsbury Park, then calling at all intermediate stations described in paragraph 1.1 between Finsbury Park and Welwyn Garden City.

3 SERVICE PATTERN MONDAY TO FRIDAY –WELWYN GARDEN CITY DEPARTURES.

- 3.1 Between and including the Early Service and 0900 seven services shall be provided at a maximum interval of 45 minutes, calling at the stations described in paragraph 1.1. One of these services may omit to call at Alexandra Palace, Hornsey and Harringay between 0720 and 0745 provided that a maximum interval of 30 minutes between services at these stations is maintained. One of these services may omit to call at Hornsey and Harringay between 0820 and 0835.
- 3.2. Between 0900 and 1605 a 20 minute interval service shall be provided calling at the stations described in paragraph 1.1.
- 3.3. Between 1605 and the Late Service a half hourly service shall be provided calling at the stations described in paragraph 1.1.
- 3.4. Between 0755 and 0820 two additional services shall be provided at 20 minute intervals from Welwyn Garden City to London (Kings Cross). The first of these services shall call at all stations to Finsbury Park and then London (Kings Cross). The second of these services may omit to call at Alexandra Palace, Hornsey and Harringay but shall call at Finsbury Park and then London (Kings Cross).
- 3.5. Between 0830 and 1000 two additional services shall be provided at hourly intervals from Welwyn Garden City to London (Kings Cross), calling at the Hatfield, Potters Bar and Finsbury Park. One shall also call at New Barnet, Oakleigh Park and New Southgate.
- 3.6. Between 2125 and 2300 a half hourly service shall be provided from Welwyn Garden City to Finsbury Park and terminating at London (Kings Cross).

4. SERVICE PATTERN SATURDAYS

- 4.1 Between and including the Early and Late Services 36 services shall be provided from London (Kings Cross) to Welwyn Garden City and 35 services from Welwyn Garden City to London (Kings Cross) at half-hourly service intervals calling at all stations specified in paragraph 1.1.

5. SERVICE PATTERN SUNDAYS

- 5.1 Between and including the Early and Late Services 33 services shall be provided between London (Kings Cross) and Welwyn Garden City at half-hourly service intervals calling at all stations specified in paragraph 1.1. One service between 2200 and 2230 may omit to call at Welham Green.

- 5.2 One interval of up to one hour shall be permitted between the penultimate and the Late Service from Welwyn Garden City.

6. EARLY AND LATE SERVICES

Early Service arrives at destination no later than:			
Route	Monday - Friday	Saturday	Sunday
Moorgate or London (Kings Cross) to Welwyn Garden City	0700	0700	0730
Welwyn Garden City to Moorgate or London (Kings Cross)	0700	0700	0730

Late Service departs no earlier than:			
Route	Monday - Friday	Saturday	Sunday
Moorgate or London (Kings Cross) to Welwyn Garden City	2400	2400	2230
Welwyn Garden City to Moorgate or London (Kings Cross)	2245	2245	2330

7. MAXIMUM JOURNEY TIMES

Route	Monday - Friday	Saturday	Sunday
Moorgate or London (Kings Cross) to Welwyn Garden City	48 minutes	40 minutes <i>with two exceptions of up to 42 minutes permitted</i>	40 minutes <i>with two exceptions of up to 47 minutes permitted</i>
Welwyn Garden City to Moorgate or London (Kings Cross)	49 minutes	42 minutes <i>with one exceptions of up to 42 minutes permitted.</i>	42 minutes <i>with two exceptions of up to 47 minutes permitted.</i>

Route C London (Moorgate/ Kings Cross) and Stevenage to Huntingdon and Peterborough.

1. ROUTE DEFINITION

- 1.1 A service shall be provided between London (Kings Cross) and Peterborough, (the Stopping Service) calling at Finsbury Park, Potters Bar, Hatfield, Welwyn Garden City, Welwyn North, Knebworth, Stevenage, Hitchin, Arlesley, Biggleswade, Sandy, St Neots and Huntingdon.
- 1.2 A service shall be provided between London (Kings Cross) and Peterborough (the Semi-Fast Service) calling at Finsbury Park, Stevenage, Hitchin, Biggleswade, Sandy St Neots and Huntingdon.
- 1.3 The services in paragraphs 1.1. and 1.2 shall be planned in such a way to provide a regular interval service to and from London and stations between Hitchin and Peterborough.

**2. SERVICE PATTERN MONDAY TO FRIDAY (THE STOPPING SERVICE.)
LONDON (KINGS CROSS) DEPARTURES.**

- 2.1. Between the Early Service and 1545 and between 1900 and the Late Service an hourly service shall be provided calling at the stations described in paragraph 1.1.
- 2.2. One additional service shall be provided between 0515 and 0530 calling at the stations described in paragraph 1.1.
- 2.3. Two additional services shall be provided between 0030 and 0145 at hourly intervals calling at the stations described in paragraph 1.1.

**3. SERVICE PATTERN MONDAY TO FRIDAY (THE STOPPING SERVICE.)
PETERBOROUGH DEPARTURES.**

- 3.1. Between and including the Early and Late Services 14 services shall be provided at hourly intervals calling at the stations described in paragraph 1.1.
- 3.2. Three additional services shall be provided between 0315 and 0700 at a maximum interval of 2 hours calling at the stations described in paragraph 1.1 two of which may omit to call at Knebworth and Welwyn North and one of which may omit to call at Potters Bar and Hatfield.

4. SERVICE PATTERN MONDAY TO FRIDAY (THE SEMI-FAST SERVICE) LONDON DEPARTURES

- 4.1. Between the Early Service and 1630 and between 1915 and the Late Service, an hourly service shall be provided from London (Kings Cross) to Peterborough, calling at the stations described in paragraph 1.2. Between 0815 and 1130 these services need not call at Arlesey.
- 4.2. Between 1630 and 1900 a half-hourly service shall be provided from London (Kings Cross) to Peterborough, calling at the stations described in paragraph 1.2.
- 4.3. Between 1630 and 2115 eight additional services shall be provided at half-hourly intervals from London (Kings Cross) to Peterborough calling at St Neots and Huntingdon. One of these services departing between 1730 and 1745 shall call additionally at Stevenage and Hitchin. One of these services departing between 1830 and 1845 shall call additionally at Biggleswade.

5. SERVICE PATTERN MONDAY TO FRIDAY (THE SEMI-FAST SERVICE) PETERBOROUGH DEPARTURES.

- 5.1. Between the Early Service and 0900 a half-hourly service shall be provided between Peterborough and London (Kings Cross) calling at the stations described in paragraph 1.2. One interval of up to 55 minutes shall be permitted between 0725 and 0900. One service between 0720 and 0740 need not call at Sandy. All services shall call additionally at Finsbury Park.
- 5.2. Between 0615 and 0915 six additional services shall be provided at half hourly intervals from Peterborough to London (Kings Cross), calling at Huntingdon and St Neots. Two of these services shall also call at Biggleswade and one shall also call at Stevenage one interval of 70 minutes shall be permitted.
- 5.3. Between 0900 and the Late Service an hourly service shall be provided between Peterborough and London (Kings Cross) calling at the stations described in paragraph 1.2. Services departing from Peterborough between 1045 and 1400 need not call at Arlesey. All services shall call additionally at Finsbury Park.

6. SERVICE PATTERN SATURDAYS

- 6.1. Between and including the Early and Late Services, 18 services shall be provided at hourly intervals between London (Kings Cross) and Peterborough (the

Stopping Service) calling at all stations specified in paragraph 1.1 There may be one interval of 1 hour 15 minutes.

- 6.2. Between and including the Early and Late Services, 17 services shall be provided at hourly intervals between Peterborough and London (Kings Cross) (the Stopping Service) calling at all stations specified in paragraph 1.1 There may be one interval of 1 hour 15 minutes.
- 6.3. Between and including the Early and Late Services, 17 services shall be provided at hourly intervals between London (Kings Cross) and Peterborough (the Semi-Fast Service) calling at Finsbury Park, and stations specified in paragraph 1.2 and Arlesey.
- 6.4. Between and including the Early and Late Services, 18 services shall be provided at hourly intervals between Peterborough and London (Kings Cross) (the Semi-Fast Service) calling at Finsbury Park, and stations specified in paragraph 1.2 and Arlesey.
- 6.5. One additional service shall depart from Peterborough to London (Kings Cross) between 0910 and 0930 calling at Huntingdon and St Neots.
- 6.6. Between 0300 and 0415, two additional services may be provided from Peterborough to London (Kings Cross) calling at stations specified in paragraph 1.1, except Knebworth, Welwyn North and Harringay.
- 6.7. Between 0500 and 0530, one additional service shall be provided from Peterborough to London (Kings Cross) calling at stations specified in paragraph 1.1.
- 6.8. Between 0915 and 0945 a service defined in paragraph 6.1 shall be provided originating from Huntingdon to London (Kings Cross) and calling at stations specified in paragraph 1.1.
- 6.9. Between 1800 and 1830 one additional service shall be provided from London (Kings Cross) to Peterborough calling at St Neots and Huntingdon.
- 6.10. Between 2300 and 2330 one additional service shall be provided from London (Kings Cross) to Peterborough calling at Finsbury Park, Stevenage, Hitchin, Arlesey, Biggleswade, Sandy, St Neots and Huntingdon.

7. SERVICE PATTERN SUNDAYS

- 7.1. Between and including the Early Service and the Late Service, 17 services shall be provided) at hourly intervals, from London (Kings Cross) to Peterborough and 18 services from Peterborough to London (Kings Cross) (the Semi-Fast Service calling at all stations specified in paragraph 1.2 and Arlesey.
- 7.2. Two additional services shall be provided from London (Kings Cross) after the Late Service departing between 0030 and 0145 at a maximum interval of one

hour, calling at all stations specified in paragraph 1.2, except that the second of these service need not call at Arlesey and Sandy.

8. EARLY AND LATE SERVICES

Early Service arrives at destination no later than:			
Route	Monday - Friday	Saturday	Sunday
London (Kings Cross) to Peterborough (Stopping Service)	0815	0700	N/A
Peterborough to London (Kings Cross) (Stopping Service)	1100	0800	N/A
London (Kings Cross) to Stevenage and Peterborough (Semi-Fast Service)	0745	0815	0915
Peterborough to Stevenage and London (Kings Cross) (Semi-Fast Service)	0730	0715	0730

Late Service departs no earlier than:			
Route	Monday - Friday	Saturday	Sunday
London (Kings Cross) to Peterborough (Stopping Service)	2115	2230	N/A

	Late Service departs no earlier than:		
Route	Monday - Friday	Saturday	Sunday
Peterborough to London (Kings Cross) (Stopping Service)	2210	2200	N/A
London (Kings Cross) to Stevenage and Peterborough (Semi-Fast Service)	2330	2200	2315
Peterborough to Stevenage and London (Kings Cross) (Semi-Fast Service)	19.45	2230	2230

9. MAXIMUM JOURNEY TIMES

Route	Monday - Friday	Saturday	Sunday
London (Kings Cross) to Peterborough (Stopping Service)	1 hour and 33 minutes <i>with two exceptions of 1 hour and 50 minutes permitted</i>	1 hour and 29 minutes <i>with two exceptions of 1 hour and 34 minutes permitted</i>	N/A
Peterborough to London (Kings Cross) (Stopping Service)	1 hour and 34 minutes <i>with one exception of 1 hour and 50 minutes permitted</i>	1 hour and 29 minutes <i>with four exceptions of 1 hour and 34 minutes and one exception of 1 hour and 40 minutes permitted</i>	N/A
London (Kings Cross) to Stevenage and Peterborough (Semi-Fast Service)	1 hour and 27 minutes <i>provided that 50% of services complete the journey within 1 hour and 14 minutes</i>	1 hour and 17 minutes <i>with one exception of 1 hour and 24 minutes permitted</i>	1 hour and 15 minutes <i>with three exceptions of 1 hour and 48 minutes permitted</i>
Peterborough to Stevenage and London (Kings Cross) (Semi-Fast)	1 hour and 25 minutes <i>provided that 60% of services complete the journey</i>	1 hour and 18 minutes <i>with one exception of 1 hour 31 minutes and one</i>	1 hour and 17 minutes

Route	Monday - Friday	Saturday	Sunday
Service)	<i>within 1 hour and 14 minutes</i>	<i>exception of 1 hour and 29 permitted..</i>	

Route D. London (Kings Cross) and Stevenage to Cambridge.

1. ROUTE DEFINITION

- 1.1. A service (the Stopping Service)shall be provided between London (Kings Cross) and Cambridge, calling at Finsbury Park, Potters Bar, Hatfield, Welwyn Garden City, Welwyn North, Knebworth, Stevenage, Hitchin, Letchworth, Baldock, Ashwell & Morden, Royston, Meldreth, Shepreth, and Foxton.
- 1.2. A service (the Semi Fast Service) shall be provided between London (Kings Cross) and Cambridge, calling at Finsbury Park, Stevenage, Hitchin, Letchworth Garden City, Baldock and Royston.
- 1.3. **Limited Stops** shall be provided for the service specified in paragraph 1.2.,at Ashwell & Morden, Meldreth, Shepreth and Foxton.
- 1.4. Services may be provided in conjunction with those specified in Route E

2. SERVICE PATTERN MONDAY TO FRIDAY (STOPPING SERVICE) LONDON (KINGS CROSS) DEPARTURES.

- 2.1 Between and including the Early and Late Services 18 services shall be provided from at hourly intervals London Kings Cross to Cambridge calling at the stations described in paragraph 1.1.
- 2.2. Between 1630 and 1645 and between 1730 and 1745 and between 1830 and 1845 one additional service shall be provided from London (Kings Cross) to Cambridge calling at the stations described in paragraph 1.1.
- 2.3. Between 1630 and 1900 five additional services shall be provided at half hourly intervals from London (Kings Cross) and Letchworth, calling at the stations in

paragraph 1.1. Three of these services may be extended to Royston but may omit to call at Baldock and Ashwell & Morden.

- 2.4. Between 1900 and 2345 five additional services shall be provided at hourly intervals from London (Kings Cross) and Letchworth, calling at the stations in paragraph 1.1.
- 2.5. Four services between 1700 and 2000 need not call at Potters Bar, and four services between 1730 and 1845 need not call at Hatfield.
- 2.6. Between 2350 and 0020 one additional service shall be provided between London (Kings Cross) and Cambridge calling at Finsbury Park, Stevenage and all intermediate stations to Cambridge. This service shall also call at stations specified in paragraph 10.

3. SERVICE PATTERN MONDAY TO FRIDAY (STOPPING SERVICE) CAMBRIDGE DEPARTURES.

- 3.1. Between and including the Early Service and 1740, ten services shall be provided from Cambridge to London (Kings Cross) at a maximum interval of 3 hours and 6 minutes calling at the stations described in paragraph 1.1.
- 3.2. One service between 0745 and 0815 need not call at Hatfield and Potters Bar.
- 3.3. Between 0500 and 0800 five additional services shall be provided of which two shall originate at Royston to London (Kings Cross) calling at the stations in paragraph 1.1, except that two need not call at Knebworth and they may omit to call at Welwyn North, Welwyn Garden City, Hatfield and Potters Bar and three shall originate at Letchworth calling at the stations in paragraph 1.1 two of which may omit to call at Alexandra Palace.
- 3.4. Between 0645 and 0800 three additional services shall be provided between Cambridge and London (Kings Cross) calling at the stations paragraph 1.1, except that they may omit to call at Hatfield and Potters Bar.
- 3.5. One service between 1045 and 1115 need not call at Knebworth, Welwyn North, Welwyn Garden City, Hatfield and Potters Bar.
- 3.6. One additional service shall be provided between 0615 and 0645 and one additional service between 0815 and 0845 **calling at** the stations described in paragraph 1.1. The first of these services need not call at Potters Bar and Letchworth and the second service need not call at Hatfield and Potters Bar.
- 3.7. One additional service shall be provided between 0945 and 1000 originating at Letchworth to London (Kings Cross) calling at Hitchin, Stevenage, Welwyn Garden City, Hatfield, Potters Bar and Finsbury Park

- 3.8. Between 1740 and 2000 five additional services shall be provided at half-hourly intervals calling at the stations described in paragraph 1.1. Two of these may omit to call at Knebworth, Welwyn North, Welwyn GC, Hatfield and Potters Bar.
- 3.9. Three services between 1740 and 1925 need not call at Knebworth, Welwyn North, Welwyn Garden City, Hatfield and Potters Bar.
- 3.10. Between 2000 and the Late Service three additional services shall be provided at hourly intervals calling at the stations described in paragraph 1.1. The interval between the penultimate and the Late Service may be extended to 1 hour and 40 minutes.
- 3.11. Between 2000 and the Late Service three additional services shall be provided at hourly intervals calling at the stations described in paragraph 1.1. The interval between the penultimate and the Late Service may be extended to 1 hour and 40 minutes.

4. SERVICE PATTERN MONDAY TO FRIDAY (SEMI-FAST SERVICE) LONDON (KINGS CROSS) DEPARTURES.

Between the Early Service and the Late Service 15 services shall be provided at hourly intervals from London Kings Cross to Cambridge calling at the stations specified in paragraph 1.2. One interval of 4 hours shall be permitted between 1545 and 1955. One interval of 1 hour and 45 minutes shall be permitted between 2000 and 2200. Five of these may be extended to Cambridge calling at Hitchin, Letchworth, Baldock, Ashwell & Morden, Royston, Meldreth, Shepreth, and Foxton.

5. SERVICE PATTERN MONDAY TO FRIDAY (SEMI-FAST SERVICE) CAMBRIDGE DEPARTURES

- 5.1. Between the Early Service and 1700 nine services shall be provided at hourly Intervals from Cambridge to London (Kings Cross) at a maximum interval of 1 hour and 40 minutes calling at the stations specified in paragraph 1.2. The Early Service and a service departing between 0845 and 0915 need not call at Baldock.
- 5.2. Between 0720 and 0740 an additional service shall be provided from Cambridge calling at the stations in paragraph 1.2 except Baldock.
- 5.3. Between 0600 and 0900 one additional service shall be provided, one from Royston to London (Kings Cross) calling at Letchworth Garden City, Hitchin, Stevenage and Finsbury Park and one from Letchworth Garden City to London (Kings Cross) calling at Hitchin, Stevenage and Finsbury Park.
- 5.4. Between 2015 up to and including the Late Service, three services shall be provided at a maximum interval of 1 hour calling at the stations specified in paragraph 1.2.

6. SERVICE PATTERN SATURDAYS –STOPPING SERVICE.

- 6.1. Between and including the Early and Late Services 18 services shall be provided at hourly intervals from London Kings Cross to Cambridge, calling at stations specified in paragraph 1.1.
- 6.2. Between and including the Early and Late Services 18 services shall be provided at hourly intervals from Cambridge to London Kings Cross, calling at stations specified in paragraph 1.1.
- 6.3. An additional service shall be provided between Royston and London Kings Cross departing between 0500 and 0530, calling at stations specified in paragraph 1.1.
- 6.4. An additional service shall be provided between Royston and Hitchin departing between 0345 and 0415.
- 6.5. An additional service shall be provided between Cambridge to London Kings Cross departing between 1715 and 1745, calling at stations specified in paragraph 1.1.
- 6.6. An additional service shall be provided between Ely to London Kings Cross departing between 1715 and 1745, calling at stations specified in paragraph 1.1.

7. SERVICE PATTERN SATURDAYS –SEMI-FAST SERVICE.

- 7.1. Between and including the Early and the Late Services 17 services shall be provided at hourly intervals from London Kings Cross to Cambridge, calling at stations specified in paragraph 1.2.
- 7.2. Between and including the Early and the Late Services 17 services shall be provided at hourly intervals from Cambridge to London Kings Cross, calling at stations specified in paragraph 1.2.
- 7.3. Two additional services shall be provided between London Kings Cross and Royston departing between 0415 and 0615, calling at all stations between London Kings Cross and Royston, one of these shall be extended to Cambridge.
- 7.4. Two additional services shall be provided between London Kings Cross and Cambridge departing between 2300 and 2359, calling at the stations specified in paragraph 2.1 one service need only call at Stevenage, Hitchin, Letchworth and Royston.

8. SERVICE PATTERN SUNDAYS - STOPPING SERVICE

- 8.1 Between and including the Early and the Late Services 17 services shall be provided at hourly intervals between London Kings Cross and Cambridge, calling at stations specified in paragraph 1.1 except that they may omit to call at Stevenage.
- 8.2 Between and including the Early and the Late Services 17 services shall be provided at hourly intervals between Cambridge and London Kings Cross, calling at stations specified in paragraph 1.1.

9. SERVICE PATTERN SUNDAYS - SEMI-FAST SERVICE

- 9.1 Between the Early and the Late Services 17 services shall be provided at hourly intervals between London Kings Cross and Cambridge, calling at stations specified in paragraph 1.2.
- 9.2 Between the Early and the Late Services 15 services shall be provided at hourly intervals between Cambridge and London Kings Cross, calling at stations specified in paragraph 1.2.

10. LIMITED STOPS (SEMI-FAST SERVICE)

Ashwell & Morden, Meldreth, Shepreth and Foxton.

- 10.1 On Mondays to Fridays, services from London (Kings Cross) and including the Early Service until 0800, shall call.
- 10.2. On Saturdays the Early Service and the second service from London (Kings Cross) shall call.

11 EARLY AND LATE SERVICES

Early Service arrives at destination no later than:			
Route	Monday – Friday	Saturday	Sunday
London (Kings Cross) to Cambridge (Stopping Service)	0730	0740	0730
Cambridge to London (Kings	0715	0740	0800

	Early Service arrives at destination no later than:		
Route	Monday – Friday	Saturday	Sunday
Cross) (Stopping Service)			
London (Kings Cross) to Cambridge (Semi-fast Service)	0700	0715	0745
Cambridge to London (Kings Cross) (Semi-fast Service)	0720	0745	0830

	Late Service departs no earlier than:		
Route	Monday – Friday	Saturday	Sunday
London (Kings Cross) to Cambridge (Stopping Service)	2245	2400	2140
Cambridge to London (Kings Cross) (Stopping Service)	2315	2300	2215
London (Kings Cross) to Cambridge (Semi-fast Service)	2245	2145	2315
Cambridge to London (Kings Cross) (Semi-fast Service)	2215	2230	2300

12. MAXIMUM JOURNEY TIMES

Route	Monday - Friday	Saturday	Sunday
London (Kings Cross) to Cambridge (Stopping Service)	1 hour and 26 minutes	1 hour and 19 minutes <i>with one exception of 1 hour and 21 minutes permitted</i>	1 hour and 19 minutes <i>with one exceptions of 1 hour 23, one exception of 1 hour</i>

Route	Monday - Friday	Saturday	Sunday
			<i>31 minutes and one exception of 1 hour 44 minutes permitted</i>
Cambridge to London (Kings Cross) (Stopping Service)	1 hour and 26 minutes <i>with one exception of 1 hour and 35 minutes permitted</i>	1 hour and 25 minutes <i>with two exceptions of 1 hour 35 and one exception of 1 hour 26 minutes permitted</i>	1 hour and 24 minutes <i>with one exception of 1 hour and 30 minutes permitted</i>
London (Kings Cross) to Cambridge (Semi-fast Service)	1 hour and 8 minutes <i>with two exceptions of 1 hour and 11 minutes and two exceptions of 1 hour 12 minutes permitted</i>	1 hour and 1 minute <i>with two exceptions of 1 hour and 8 minutes permitted</i>	1 hour and 1 minute <i>with one exception of 1 hour and 11 and one exception of 1 hour and 38 minutes permitted</i>
Cambridge to London (Kings Cross) (Semi-fast Service)	1 hour and 2 minutes <i>with three exceptions of 1 hour and 5 minutes permitted</i>	1 hour and 1 minute <i>with one exception of 1 hour 16 minutes</i>	1 hour <i>with three exceptions of 1 hour and 12 minutes permitted</i>

Route E. London (Kings Cross) to Cambridge and Kings Lynn.

1. ROUTE DEFINITION

- 1.1 A service shall be provided between London (Kings Cross) and Kings Lynn, calling at Cambridge, Waterbeach, Ely, Littleport, Downham Market and Watlington.
- 1.2 Services may be provided by those specified in Route D.

2. SERVICE PATTERN MONDAY TO FRIDAY

- 2.1 Between and including the Early and Late Services 17 services shall be provided at hourly intervals from London (Kings Cross) to Kings Lynn calling at stations specified in paragraph 1.1 From 1645 onwards, all services shall stop additionally at Letchworth and Royston. A service between 1830 and 1900 shall call additionally at Ashwell & Morden and Baldock.

- 2.2 Between 0800 and 1930 12 additional services shall be provided at hourly intervals from London (Kings Cross) to Cambridge. These services when combined with those specified in paragraph 2.1 shall provide a half hourly service between London and Cambridge. Three of these services shall call additionally stop at Royston and Letchworth two of these services shall call additionally at Ashwell & Morden and Baldock
- 2.3 Between 0700 and 0730 one additional service shall be provided from London (Kings Cross) to Kings Lynn calling at stations specified in paragraph 1.1.
- 2.4 Between 0615 and 0645 one additional service shall be provided from Cambridge to Kings Lynn calling at all intermediate stations specified in paragraph 1.1.
- 2.5 Between 2300 and 2330 one additional service shall be provided from London (Kings Cross) to Ely calling at Cambridge and Waterbeach. This service shall also call additionally at Letchworth and Royston.
- 2.6 Between and including the Early and Late Services 18 services shall be provided at hourly intervals from Kings Lynn to London (Kings Cross) calling at stations specified in paragraph 1.1. Between 0715 and 0845 two additional services shall be provided from Kings Lynn to London (Kings Cross) calling at the stations in paragraph 1.1. The first three services shall call additionally at Letchworth and Royston one of which shall also call at Baldock and Ashwell & Morden.
- 2.7 Between 1000 and 1830 nine additional services shall be provided from Cambridge to London Kings Cross. These services when combined with those specified in paragraph 2.6 shall provide a half hourly service between Cambridge and London.
- 2.8 Between 1830 and 2100 four additional services shall be provided from Cambridge to London (Kings Cross), the maximum interval between these services shall be 60 minutes.
- 2.9 Between 0520 and 0550 one additional service shall be provided from Ely to London (Kings Cross) calling at Waterbeach, Cambridge and Finsbury Park.
- 2.10 One service from Cambridge departing between 0700 and 0730 shall have originated at Ely.

3. SERVICE PATTERN SATURDAYS

- 3.1 Between and including the Early and Late Services 16 services shall be provided at hourly intervals from London (Kings Cross) to Kings Lynn calling at stations specified in paragraph 1.1.

- 3.2 Between 0800 and 1930 12 additional services shall be provided from London (Kings Cross) and Cambridge. These services when combined with those specified in paragraph 3.1 shall provide a half hourly service between Cambridge and London.
- 3.3 Between and including the Early and Late Services 17 services shall be provided at hourly intervals from Kings Lynn to London (Kings Cross) calling at stations specified in paragraph 1.1.
- 3.4 Between 0800 and 1830 11 additional services shall be provided between Cambridge and London (Kings Cross). These services when combined with those specified in paragraph 3.3 shall provide a half hourly service between Cambridge and London.
- 3.5 Between 2315 and 2330, one additional service shall be provided from London (Kings Cross) to Kings Lynn calling at stations calling at Letchworth, Royston, Cambridge, Waterbeach, Ely, Littleport, Downham Market and Watlington.
- 3.6 Between 06.30 and 0645, one additional service shall be provided between Cambridge and Kings Lynn calling at Waterbeach, Ely, Littleport, Downham Market and Watlington.

4. SERVICE PATTERN SUNDAYS

- 4.1. Between and including the Early Service and 1400, three services shall be provided at two-hourly intervals from London (Kings Cross) and Kings Lynn calling at stations specified in paragraph 1.1.
- 4.2. From 1400 up to and including the Late Service, nine services shall be provided at hourly intervals from London (Kings Cross) and Kings Lynn calling at stations specified in paragraph 1.1.
- 4.3. Between and including the Early Service and 1215, three services shall be provided at two-hourly intervals from Kings Lynn to London (Kings Cross) calling at all stations specified in paragraph 1.1.
- 4.4. From 1200 up to and including the Late Service, eleven services shall be provided at hourly intervals from Kings Lynn to London (Kings Cross) calling at all stations specified in paragraph 1.1.

5. EARLY AND LATE SERVICES

	Early Service arrives at destination no later than:		
Route	Monday - Friday	Saturday	Sunday
London (Kings Cross) to Kings Lynn	0800	0830	1015
Kings Lynn to London (Kings Cross)	0830	0800	1015

	Late Service departs no earlier than:		
Route	Monday - Friday	Saturday	Sunday
London (Kings Cross) to Kings Lynn	2200	2130	2200
Kings Lynn to London (Kings Cross)	2215	2115	2215

6. MAXIMUM JOURNEY TIMES

Route	Monday - Friday	Saturday	Sunday
London (Kings Cross) to Kings Lynn	1 hour and 43 minutes <i>with one exception of 2 hours and 4 minutes permitted</i>	1 hour and 34 minutes <i>with one exception of 1 hour 39 minutes, two exception of 1 hour and 48 minutes and 1 exception of 1 hour 57 minutes permitted</i>	1 hour and 34 minutes <i>with one exception of 1 hour and 44 minutes and one exception of 2 hours and 3 minutes permitted</i>
Kings Lynn to London (Kings Cross)	1 hour and 53 minutes <i>with four exceptions of 1 hour 59 minutes and one interval; of 2 hours and 9 minutes permitted</i>	1 hour and 39 minutes <i>with three exceptions of 1 hour and 57 minutes and one of 2 hours 13 minutes permitted.</i>	1 hour and 40 minutes <i>with three exceptions of 1 hour and 49 minutes and one exception of 2 hours and 5 minutes permitted</i>

Route F – Bedford to London (Blackfriars or Moorgate)

1. ROUTE DEFINITION

- 1.1. Services shall be provided between Bedford and London calling at Flitwick, Harlington, Leagrave, Luton, Luton Airport Parkway, Harpenden, St Albans, Kings Cross Thameslink, Farringdon and;
City Thameslink and Blackfriars,
or Barbican and London Moorgate.
- 1.2. **Limited Stops** shall be made at Radlett, Elstree, Mill Hill Broadway, Hendon, Cricklewood, West Hampstead Thameslink and Kentish Town as shown in paragraph 5.
- 1.3. Services need not call at City Thameslink before 0600 and after 2310 on Mondays to Fridays and before 0845 and after 2105 on Saturdays or all day on Sundays.
- 1.4. Services between 0045 and 0500 need not call at Farringdon.
- 1.5. Services may be combined with those specified in Routes H, I and J to provide cross-London services with one train fulfilling both requirements.

2. SERVICE PATTERN MONDAY TO FRIDAY

- 2.1. Between and including the Early and Late Services 41 services shall be provided at 15 minute intervals from Bedford to London Blackfriars calling at the stations in paragraph 1.1 except that one service may omit to call at Flitwick, Harlington and Leagrave.
- 2.2. Between 0015 and 0510 eight services shall be provided from Bedford to London Blackfriars at a maximum interval of 1 hour 40 minutes. All of these services except the last need not call at City Thameslink and none departing Bedford before 0330 need call at Farringdon.
- 2.3. Between 0510 and 0645 six services shall be provided between Bedford and London at a maximum interval of 20 minutes calling at the stations in paragraph 1.1 except that one service need not call at Harlington, Luton Airport Parkway and Harpenden. A minimum of two of these services shall call at City Thameslink and London Blackfriars and two at Barbican and London Moorgate.
- 2.4. Between 0645 and 0815 six services shall be provided between Bedford and London calling at the stations in paragraph 1.1 except that these services may omit to call at Luton Airport Parkway and Harpenden. The maximum interval between these services shall be 15 minutes. A minimum of two of these services shall call at City Thameslink and London Blackfriars and two at Barbican and London Moorgate.

- 2.5. Between 0710 and 0845 seven additional services shall be provided from Luton to London calling at the stations in paragraph 1.1. The maximum interval between these services shall be 15 minutes. A minimum of two of these services shall call at City Thameslink and London Blackfriars and two at Barbican and London Moorgate.
- 2.6. Between 1530 and 1700 three services specified in paragraph 2.1 from Bedford need not call at City Thameslink and London Blackfriars but may call additionally at Barbican and London Moorgate.
- 2.7. Between the Late Service and 2345 11 services shall be provided between Bedford and London Blackfriars at half hourly intervals calling at the stations in paragraph 1.1. One of these services departing Bedford between 2230 and 2345 need not call at City Thameslink and London Blackfriars. The last of these services need not call at Farringdon. After the 2158 it is not ½ hourly service from Bedford. allows flexibility
- 2.8. Between and including the Early and Late Services 38 services shall be provided at 15 minute intervals from London Blackfriars to Bedford calling at the stations in paragraph 1.1 except that one service need not call at Harpenden.
- 2.9. Between 0300 and the Early Service seven services shall be provided between London Blackfriars and Bedford calling at the stations in paragraph 1.1. The maximum interval between these services shall be 1 hour and 5 minutes. Services departing London Blackfriars before 0445 need not call at Farringdon and services departing London Blackfriars before 0615 need not call at City Thameslink.
- 2.10. Between the Early Service and 0915 two of the services specified in paragraph 2.8 need not call at London Blackfriars and City Thameslink but may call additionally at London Moorgate.
- 2.11. Between the Late Service and 1900 nine services shall be provided from London to Bedford calling at the stations in paragraph 1.1 except St Albans and Luton Airport Parkway. The maximum interval between these services shall be 17 minutes. A minimum of three of these services shall originate at London Blackfriars calling at Farringdon and three shall originate at London Moorgate.
- 2.12. Between 1645 and 1910 nine additional services shall be provided from London to Luton calling at the stations in paragraph 1.1, the maximum interval between these services shall be 17 minutes. A minimum of three of these services shall originate from London Blackfriars calling at City Thameslink and three shall originate from London Moorgate.

- 2.13. Between 1900 and 2130 ten services shall be provided at 15 minute intervals between London Blackfriars and Bedford calling at the stations in paragraph 1.1.
- 2.14. Between 2130 and 0120 seven services shall be provided at 30 minute intervals between London Blackfriars and Bedford calling at the stations in paragraph 1.1. One of these services need not call at London Blackfriars and Farringdon.

3. SERVICE PATTERN SATURDAYS

- 3.1. Between and including the Early and Late Services 50 services shall be provided at 15 minute intervals from Bedford to London Blackfriars, calling at the stations in paragraph 1.1. After 1745 intervals of 20 minutes may be permitted.
- 3.2. Between 0030 and 0300 three additional services shall be provided at hourly intervals between Bedford and London Blackfriars, calling at the stations in paragraph 1.1 .
- 3.3. Between 0300 and the Early Service eight services shall be provided at half hourly intervals, calling at the stations in paragraph 1.1. One exception of 40 minutes may be permitted.
- 3.4. Between the Late Service and 2330 ten additional services shall be provided from Bedford to London Blackfriars, calling at the stations in paragraph 1.1.
- 3.5. Between and including the Early and Late Services 58 services shall be provided at 15 minute intervals from London Blackfriars to Bedford, calling at the stations in paragraph 1.1.
- 3.6. Between 0015 and the Early Service ten additional services shall be provided from London Blackfriars to Bedford, calling at the stations in paragraph 1.1. The maximum interval between these services shall be 1 hour 30 minutes.
- 3.7. Between the Late Service and 0115 six additional services shall be provided at half hourly intervals from London Blackfriars to Bedford, calling at the stations in paragraph 1.1. One interval of 1 hour and 30 minutes between the penultimate and last service in this pattern may be permitted.

4. SERVICE PATTERN SUNDAYS

- 4.1. Between the Early and Late Services 25 services shall be provided at half hourly intervals from Bedford to London Blackfriars calling at the stations in paragraph 1.1.

- 4.2. Between 0520 and the Early Service four additional services shall be provided at half hourly intervals from Bedford to London Blackfriars calling at the stations in paragraph 1.1. One interval of 40 minutes shall be permitted.
- 4.3. Between the late Service and 2359 five additional services shall be provided from Bedford to London Blackfriars, calling at the stations in paragraph 1.1. The maximum interval between these services shall be 60 minutes.
- 4.4. Between 0800 and 1545 16 additional services shall be provided at half hourly intervals from Bedford to London Blackfriars, calling at the stations in paragraph 1.1.
- 4.5. Between the Early and Late Services 36 services shall be provided at half hourly intervals between London Blackfriars and Bedford, calling at the stations in paragraph 1.1. There may be one interval of 65 minutes between the first and second services.
- 4.6. Between the Late Service and 0115 one additional service shall be provided from London Blackfriars and Bedford, calling at the stations in paragraph 1.1.
- 4.7. Between 1030 and 1945 17 additional services shall be provided at half hourly intervals from London Blackfriars to Bedford, calling at the stations in paragraph 1.1.

5. LIMITED STOPS

5.1. Radlett, Mill Hill Broadway, Hendon, Cricklewood and Kentish Town

- 5.1.1. On Mondays to Fridays five services from Bedford between 0015 and 0510 shall call.
- 5.1.2. On Mondays to Fridays all services from Bedford after 2200 shall call.
- 5.1.3. On Mondays to Fridays all services from London before 0530 shall call.
- 5.1.4. On Mondays to Fridays two services from London between 0015 and 0120 shall call.
- 5.1.5. On Saturdays all services from Bedford between 0020 and 0500 shall call.
- 5.1.6. On Saturdays all services from Bedford after 2200 shall call.
- 5.1.7. On Saturdays all services from London between 0015 and 0600 shall call.
- 5.1.8. On Sundays all services between 0500 and the Early Services shall call.
- 5.1.9. On Sunday all services from Bedford after the Late Service shall call.
- 5.1.10. On Sundays all services from London before 1030 shall call.

5.1.11 On Sundays all services from London after 2200 shall call.

5.2. Elstree

5.2.1. On Mondays to Fridays seven services from Bedford between 0015 and 0510 shall call.

5.2.2. On Mondays to Fridays all services from Bedford after 2200 shall call.

5.2.3. On Mondays to Fridays all services from London Blackfriars before 0530 shall call.

5.2.4. On Mondays to Fridays two services from London between 0015 and 0120 shall call.

5.2.5. On Saturdays all services from Bedford between 0020 and 0500 shall call.

5.2.6. On Saturdays all services from Bedford after 2200 shall call.

5.2.7 On Saturdays all services from London between 0015 and 0600 shall call.

5.2.8 On Sundays all services between 0500 and the Early Services shall call.

5.2.9 On Sunday all services from Bedford after the Late Service shall call.

5.2.10 On Sundays all services from London before 1030 shall call.

5.2.11 On Sundays all services from London after 2200 shall call.

5.3. West Hampstead Thameslink

5.3.1. On Mondays to Fridays eight services from Bedford between 0015 and 0510 shall call.

5.3.2. On Mondays to Fridays three services from Bedford between 0510 and 0630 shall call.

5.3.3. On Mondays to Fridays all services from Bedford after 2200 shall call.

5.3.4. On Mondays to Fridays all services from London Blackfriars before 0630 shall call.

5.3.5. On Mondays to Fridays two services from London between 0000 and 0059 shall call.

5.3.6. On Saturdays all services from Bedford between 0020 and 0615 shall call.

5.3.7. On Saturdays all services from Bedford after 1745 shall call.

5.3.8. On Saturdays all services from London between 0015 and 0720 shall call.

5.3.9 On Saturdays all services from London after 1950 shall call.

5.3.10 On Sundays a half hourly service from Bedford and London shall call.

5.4 Kentish Town

5.4.1 On Mondays to Fridays three services from Bedford between 0510 and 0630 shall call.

5.4.2 On Mondays to Fridays one service from London Blackfriars before 0545 shall call.

6. EARLY AND LATE SERVICES

Early Service arrives at destination no later than:			
Route	Monday – Friday	Saturday	Sunday
Bedford to London Blackfriars	0945	0745	0915
London Blackfriars to Bedford	0840	0900	0730

Late Service departs no earlier than:			
Route	Monday – Friday	Saturday	Sunday

	Late Service departs no earlier than:		
Route	Monday – Friday	Saturday	Sunday
Bedford to London Blackfriars	1815	1830	1930
London Blackfriars to Bedford	1630	2145	2345

7. MAXIMUM JOURNEY TIMES

Route	Monday - Friday	Saturday	Sunday
Bedford to London Blackfriars	1 hour and 13 minutes, <i>with 10 exceptions of 1 hour and 25 minutes and one of 1 hour 38 minutes permitted</i>	1 hour and 15 minutes, <i>with nine exceptions of 1 hour and 25 minutes and one of 1 hour 30 minutes permitted.</i>	1 hour and 15 minutes, <i>with 9 exceptions of 1 hour and 25 minutes permitted</i>
London Blackfriars to Bedford	1 hour and 15 minutes, <i>with five exceptions of 1 hour and 28 minutes and one of 1 hour 30 minutes permitted</i>	1 hour and 15 minutes, <i>with seven exceptions of 1 hour and 22 minutes permitted</i>	1 hour and 14 minutes, <i>with 10 exceptions of 1 hour and 28 minutes permitted</i>

Route G – Luton and St Albans to London (Blackfriars or Moorgate)

1. ROUTE DEFINITION

- 1.1. Services shall be provided between Luton and London calling at Luton Airport Parkway, Harpenden, St Albans, Radlett, Elstree, Mill Hill Broadway, Hendon, Cricklewood, West Hampstead Thameslink, Kentish Town, Kings Cross Thameslink, Farringdon;

City Thameslink and Blackfriars,
or Barbican and London Moorgate.
- 1.2. Limited Stops shall be provided at Legrave, Harlington, Flitwick and Bedford, see paragraph 5.
- 1.3. Services need not call at City Thameslink before 0600 and after 2310 on Mondays to Fridays and before 0900 and after 2115 on Saturdays or all day on Sundays.
- 1.4. Services after between 0045 and 0500 on Mondays to Fridays need not call at Farringdon.
- 1.5. Services may be combined with those specified in Routes H, I and J to provide cross-London services with one train fulfilling both requirements.

2. SERVICE PATTERN MONDAYS TO FRIDAYS

- 2.1. Between and including the Early and Late Services 46 services shall be provided at 15 minute intervals from St Albans to London Blackfriars calling at the stations in paragraph 1.1 except that one service may omit to call at Radlett, Hendon, Cricklewood and Kentish Town. Between 0635 and the Early Service one interval of 30 minutes may be permitted. After 1830 the maximum interval may be 20 minutes.
- 2.2. Two of the services specified in paragraph 2.1 each hour shall have originated from Luton calling at Luton Airport Parkway and Harpenden. One exception of up to 60 minutes shall be permitted.
- 2.3. After 1830 all services specified in paragraph 2.1 shall originate from Luton, calling at Harpenden and Luton Airport Parkway.
- 2.4. Between 0530 and the Early Service 12 additional services shall be provided from St Albans to London calling at the stations in paragraph 1.1. The maximum interval between these services shall be 15 minutes but two exceptions of up to 25 minutes shall be permitted. A minimum of three of these services shall call at City Thameslink and London Blackfriars and three Barbican and London Moorgate. The first of these shall call additionally at Luton, Luton Airport Parkway and Harpenden.

- 2.5. Between the Late Service and 2315 one service shall be provided from Luton to London Blackfriars calling at the stations in paragraph 1.1.
- 2.6. Between and including the Early and Late Services 27 services shall be provided at 15 minute intervals between London Blackfriars and St Albans calling at the stations in paragraph 1.1.
- 2.7. Two of the services specified in paragraph 2.5 each hour shall be extended to Luton calling at Harpenden and Luton Airport Parkway.
- 2.8. Between 0550 and the Early Service 15 services shall be provided from London to St Albans. The maximum interval between these services shall be 30 minutes. A minimum of three of these services shall have originated from London Blackfriars calling at City Thameslink.
- 2.9. Four of the services specified in paragraph 2.6 shall be extended to Luton calling at Harpenden and Luton Airport Parkway.
- 2.10. Between the Late Service and 1855 nine services shall be provided at 15 minute intervals from London to St Albans calling at the stations in paragraph 1.1. A minimum of three of these services shall have originated from London Blackfriars calling at City Thameslink and three shall have originated from London Moorgate.
- 2.11. Between 1855 and 2115 eight services shall be provided at 15 minute intervals from London Blackfriars to St Albans calling at the stations in paragraph 1.1 one of which may originate at Moorgate. The interval may be extended to hourly after 2000.
- 2.12. Two of the services specified in paragraph 2.10 each hour shall be extended to Luton, calling at Harpenden and Luton Airport Parkway.
- 2.13. Between 2115 and 2345 five services shall be provided at 30 minute intervals from London Blackfriars to St Albans calling at the stations in paragraph 1.1. One exception of 45 minutes shall be permitted. One of these services shall be extended to Luton and one to Bedford.
- 2.14. Services need not call at City Thameslink before 0600 and after 2310 on Mondays to Fridays and before 0845 and after 2115 on Saturdays or all day on Sundays.

3. SERVICE PATTERN SATURDAYS

- 3.1. Between and including the Early and Late Services 45 services shall be provided at 15 minute intervals from St Albans to London Blackfriars, calling at the stations in paragraph 1.1.

- 3.2. Two of the services specified in paragraph 3.1 each hour shall have originated from Luton, calling at Luton Airport Parkway and Harpenden.
- 3.3. Between 0530 and the Early Service three additional services at half hourly intervals shall be provided from Luton to London Blackfriars, calling at the stations in paragraph 1.1.
- 3.4. Between the Late Service and 2230 nine additional services shall be provided at half hourly intervals from Luton to London Blackfriars, calling at the stations in paragraph 1.1.
- 3.5. Between and including the Early and Late Services 51 services shall be provided at 15 minute intervals from London Blackfriars to St Albans, calling at the stations in paragraph 1.1.
- 3.6. Two of the services specified in paragraph 3.1 each hour shall be extended to Luton, calling at Harpenden and Luton Airport Parkway. Between 1740 and 1915 services shall be further extended to Bedford calling at Legrave, Harlington and Flitwick.
- 3.7. Between 0600 and the Early Service three additional services shall be provided at half hourly intervals from London Blackfriars to Luton, calling at the stations in paragraph 1.1. One service between 0700 and 0730 shall be extended to Bedford calling at Legrave, Harlington and Flitwick.
- 3.8. Between the Late Service and 2345 seven additional services shall be provided at half hourly intervals from London Blackfriars to Luton, calling at the stations in paragraph 1.1. One interval of 35 minutes shall be permitted. Six of these services shall be extended to Bedford calling at Legrave, Harlington and Flitwick.

4. SERVICE PATTERN SUNDAYS

- 4.1. Between and including the Early and Late Services 24 services shall be provided at half hourly intervals between Luton and London Blackfriars, calling at the stations in paragraph 1.1.
- 4.2. One additional service shall depart Bedford between 2000 and 2030, calling at the stations in paragraph 1.1.
- 4.3. Between and including the Early and Late Services 22 services shall be provided at half hourly intervals from London Blackfriars and Luton, calling at the stations in paragraph 1.1. One interval of 45 minutes shall be permitted. The last six of these services shall be extended to Bedford calling at Legrave, Harlington and Flitwick.

5. LIMITED STOPS

5.1. Legrave, Harlington, Flitwick and Bedford

- 5.1.1. On Mondays to Fridays one service departing London Blackfriars after 2315 shall call.

6. EARLY AND LATE SERVICES

Early Service arrives at destination no later than:			
Route	Monday - Friday	Saturday	Sunday
Luton to London Blackfriars	0950	0800	0930
London Blackfriars to Luton	1110	0835	1200

Late Service departs no earlier than:			
Route	Monday – Friday	Saturday	Sunday
Luton to London Blackfriars	2140	1745	1930
London Blackfriars to Luton	1615	1945	2130

7. MAXIMUM JOURNEY TIMES

Route	Monday - Friday	Saturday	Sunday
Luton to London Blackfriars	1 hour and 3 minutes	1 hour and 3 minutes	1 hour and 3 minutes
London Blackfriars to Luton	1 hour and 4 minutes	1 hour and 4 minutes	1 hour and 4 minutes

Route H – Brighton and Gatwick Airport to London (Kings Cross Thameslink)

Route H1 – Brighton and Gatwick Airport to London (stopping services)

1. ROUTE DEFINITION

- 1.1. Services (stopping services) shall be provided between Brighton and London Kings Cross Thameslink, calling at Preston Park, Hassocks, Burgess Hill, Wivelsfield, Haywards Heath, Balcombe, Three Bridges, Gatwick Airport, East Croydon, London Bridge, London Blackfriars, City Thameslink and Farringdon.
- 1.2. Limited Stops shall be made at Redhill, Tulse Hill, Herne Hill, Loughborough Junction and Elephant and Castle see paragraph 5.
- 1.3. Services may be combined with those specified in Routes F and G to provide cross-London services with one train fulfilling both requirements.
- 1.4. Services need not call at City Thameslink before 0600 and after 2310 on Mondays to Fridays and before 0845 and after 2115 on Saturdays or all day on Sundays.
- 1.5. Services after between 0045 and 0500 need not call at Farringdon.
- 1.6. Services between 0100 and 0500 need not call at London Bridge.

2. SERVICE PATTERN MONDAY TO FRIDAY

- 2.1. Between and including the Early and Late Services 16 services shall be provided at half hourly intervals from Kings Cross Thameslink to Brighton, calling at the stations in paragraph 1.1. Balcombe need only be served hourly.
- 2.2. Between 0415 and the Early Service ten additional services shall be provided at half hourly intervals from Kings Cross Thameslink to Brighton. One interval of 60 minutes may be permitted between the penultimate and last service. Four of these services need not call at Balcombe and three need not call at London Bridge. Two of these may call additionally at Selhurst.
- 2.3. Between the Late Service and 1815 three additional services shall be provided from Kings Cross Thameslink to Brighton calling at the stations in paragraph 1.1 except that one service may omit to call at Three Bridges and Balcombe and one service may omit to call at Wivelsfield and Preston Park. The maximum interval between these services shall be 40 minutes and one need not call at Balcombe, Wivelsfield and Preston Park.
- 2.4. Between 1730 and 1800 one additional service shall be provided from Kings Cross Thameslink to Three Bridges, calling at Farringdon, London Blackfriars, Herne Hill, East Croydon, Redhill and Gatwick Airport.

- 2.5. Between 1845 and 2315 five additional services shall be provided at hourly intervals from Kings Cross Thameslink to Brighton calling at the stations in paragraph 1.1.
- 2.6. Between and including the Early and Late Services fifteen services shall be provided at half hourly intervals from Brighton to Kings Cross Thameslink, calling at the stations in paragraph 1.1. Balcombe need only be served hourly. One service departing Brighton between 1450 and 1520 need not call at Preston Park and one service need not call at Wivelsfield and London Bridge.
- 2.7. Between 0500 and the Early Service ten additional services shall be provided from Brighton to Kings Cross Thameslink, calling at the stations in paragraph 1.1. The maximum interval between these services shall be 45 minutes. Six of these services need not call at Balcombe, one need not call at London Bridge and two need not call at Wivelsfield.
- 2.8. Between the Late Service and 1800 four additional services shall be provided from Brighton to Kings Cross Thameslink, calling at the stations in paragraph 1.1. The maximum interval between these services shall be 60 minutes. Three of these services need not call at London Bridge, two need not call at Wivelsfield and one need not call at Balcombe, Preston Park or Hassocks.
- 2.9. Between 1800 and 2215 nine additional services shall be provided at half hourly intervals from Brighton to Kings Cross Thameslink, calling at the stations in paragraph 1.1. Balcombe need only be served hourly.
- 2.10. Between 2215 and 2245 one additional service shall be provided from Brighton to Kings Cross Thameslink, calling at the stations in paragraph 1.1. On Fridays this service need not call at Brighton, Preston Park, Hassocks, Burgess Hill and Wivelsfield.
- 2.11. Between 2245 and 2345 one additional service shall be provided from Brighton to Kings Cross Thameslink, calling at the stations in paragraph 1.1. This service may call additionally at Redhill.

3. SERVICE PATTERN SATURDAY

- 3.1. Between the Early and Late Services 27 services shall be provided at half hourly intervals from Kings Cross Thameslink to Brighton, calling at the stations in paragraph 1.1. Balcombe need only be served hourly.
- 3.2. Between 0030 and 0415 four additional services shall be provided at hourly intervals from Kings Cross Thameslink to Three Bridges, calling at the stations in paragraph 1.1. These services may stop additionally at Selhurst

- 3.3. 0415 and the Early Service three additional service shall be provided from Kings Cross Thameslink to Brighton calling at the stations in paragraph 1.1. The maximum interval between these services shall be 1 hour. The first two services may stop additionally at Selhurst. The last service need not call at stations between Haywards Heath and Brighton.
- 3.4. Between the Late Service and 2310 seven additional services shall be provided at half hourly intervals from Kings Cross Thameslink to Brighton, calling at the stations in paragraph 1.1. Balcombe and Wivlesfield need only be served hourly. One of these services need not call at Preston Park.
- 3.5. Between 2310 and 0040 two additional services shall be provided at hourly intervals from Kings Cross Thameslink to Three Bridges, calling at the stations in paragraph 1.1.
- 3.6. Between the Early and Late Services 32 services shall be provided at half hourly intervals from Brighton to Kings Cross Thameslink, calling at the stations in paragraph 1.1. Balcombe need only be served hourly.
- 3.7. Between 0210 and 0515 five additional services shall be provided form Three Bridges to Kings Cross Thameslink, calling at the stations in paragraph 1.1. The maximum interval between these services shall be 1 hour.
- 3.8. Between 0515 and the Early Service two additional services shall be provided at hourly intervals from Brighton to Kings Cross Thameslink, calling at the stations in paragraph 1.1.
- 3.9. Between the Late Service and 0010 two additional services shall be provided from Haywards Heath to Kings Cross Thameslink, calling at the stations in paragraph 1.1. One of these services shall also call at Brighton, Preston Park, Hassocks, Burgess Hill, Wivelsfield and Redhill. The maximum interval between these services shall be 1 hour and 10 minutes.

4. SERVICE PATTERN SUNDAY

No service required.

5. LIMITED STOPS

5.1. Redhill

5.1.1. On Mondays to Fridays one service departing London between 1700 and 1800 shall call.

5.1.2. On Mondays to Fridays three services departing Brighton between 0530 and 0800 and one service departing Brighton after 2300 shall call.

5.2. Tulse Hill

5.2.1. On Mondays to Fridays one service departing London between 0730 and 0845 shall call.

5.2.2. On Mondays to Fridays five services departing Brighton between 0615 and 0830 and two services departing Brighton between 1515 and 1745 shall call.

5.3. Herne Hill

5.3.1. On Mondays to Fridays one service departing London between 0730 and 0845 shall call.

5.3.2. On Mondays to Fridays one service departing Brighton between 0700 and 0800 and one service departing Brighton between 1515 and 1745 shall call.

5.4. Loughborough Junction and Elephant and Castle

5.4.1. On Mondays to Fridays one service departing Brighton between 1700 and 1800 shall call.

6. EARLY AND LATE SERVICES

Early Service arrives at destination no later than:			
Route	Monday - Friday	Saturday	Sunday
Brighton to Kings Cross Thameslink (stopping)	1045	0815	Not applicable
Kings Cross Thameslink to Brighton (stopping)	1030	0800	Not applicable

Late Service departs no earlier than:			
Route	Monday – Friday	Saturday	Sunday
Brighton to Kings Cross Thameslink (stopping)	1600	2150	Not applicable
Kings Cross Thameslink to Brighton (stopping)	1615	1915	Not applicable

6. MAXIMUM JOURNEY TIMES

Route	Monday - Friday	Saturday	Sunday
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Route	Monday - Friday	Saturday	Sunday
Brighton to Kings Cross Thameslink (stopping)	1 hour and 39 minutes, <i>with two exceptions of 1 hour and 52 minutes permitted</i>	1 hour and 29 minutes	Not applicable
Kings Cross Thameslink to Brighton (stopping)	1 hour and 36 minutes, <i>with 3 exceptions of 1 hour and 45 minutes permitted.</i>	1 hour and 29 minutes, <i>with two exceptions of 1 hour and 43 minutes permitted.</i>	Not applicable

Route H2 – Brighton and Gatwick Airport to London (fast services)

1. ROUTE DEFINITION

- 1.1. Services (fast services) shall also be provided between Brighton and Kings Cross Thameslink, calling at Haywards Heath, Gatwick Airport, East Croydon, London Bridge, London Blackfriars, City Thameslink and Farringdon.
- 1.2. Services shall also call at Burgess Hill and Three Bridges on Sundays.
- 1.3. Limited Stops shall be made at Three Bridges, Redhill, Tulse Hill, Herne Hill, Loughborough Junction and Elephant and Castle, see paragraph 5.
- 1.4. Services may be combined with those specified in Routes F and G to provide cross-London services with one train fulfilling both requirements.
- 1.5. Services need not call at City Thameslink before 0600 and after 2310 on Mondays to Fridays and before 0845 and after 2115 on Saturdays or all day on Sundays.
- 1.6. Services after between 0045 and 0500 need not call at Farringdon.
- 1.7. Services between 0100 and 0500 need not call at London Bridge.

2. SERVICE PATTERN MONDAY TO FRIDAY

- 2.1. Between and including the Early and Late Services 15 services shall be provided at half hourly intervals from Kings Cross Thameslink to Brighton calling at the stations in paragraph 5.1. One of these services departing Kings Cross Thameslink between 1500 and 1530 need not call at Brighton and the Early Service and three services departing London after 1500 shall call additionally at Three Bridges.
- 2.2. Between 0010 and 0415 six services shall be provided from Kings Cross Thameslink to Three Bridges, calling at London Blackfriars, East Croydon and Gatwick Airport. One of these services shall also call at London Bridge and one at Haywards Heath and Brighton. These services may call additionally at Selhurst.
- 2.3. Between 0615 and the Early Service four additional services shall be provided from Kings Cross Thameslink to Brighton, calling at the stations in paragraph 5.1. Two of these services shall call additionally at Three Bridges and one shall call additionally at Burgess Hill and one need not call at London Bridge.
- 2.4. Between 1700 and 1845 two additional services shall be provided from London Bridge to Brighton Calling all stations in section 1.1, the second of which may call additionally at Balcombe, Wivelsfield, Burgess Hill, Hassocks and Preston Park.
- 2.5. Between the Late Service and 2245 six additional services shall be provided between Kings Cross Thameslink and Brighton, calling at the stations in paragraph 5.1 and Three Bridges, Burgess Hill and Hassocks. The maximum interval between these

services shall be 60 minutes. Two services departing London after 2100 shall also call at Preston Park.

- 2.6 Between 2315 and 0045 two additional services shall be provided at hourly intervals from Kings Cross Thameslink to Three Bridges, calling at Farringdon, London Blackfriars, London Bridge, East Croydon and Gatwick Airport.
- 2.7 Between and including the Early and Late Services 13 services shall be provided at half hourly intervals from Brighton to Kings Cross Thameslink, calling at the stations on paragraph 5.1. One of these services departing Brighton between 0845 and 0915 shall call additionally at Hassocks, Burgess Hill and Three Bridges and one service shall call additionally at Selhurst.
- 2.8 Between 0200 and 0515 four additional services shall be provided from Three Bridges to Kings Cross Thameslink, calling at Gatwick Airport, East Croydon and London Blackfriars. One of these services shall also call at London Bridge. One service may omit to call at Burgess Hill
- 2.9 One additional service departing between 0730 and 0815 shall be provided from Brighton to Kings Cross Thameslink, calling at Preston Park, Hassocks, Burgess Hill, Haywards Heath, Balcombe, Gatwick Airport, East Croydon, London Blackfriars, City Thameslink and Farringdon.
- 2.10 Between Late Service and 1730 four additional services shall be provided from Brighton to Kings Cross Thameslink, calling at the stations in paragraph 5.1 one of which may originate at Haywards Heath. Two of these services need not call at London Bridge, one may terminate at London Bridge, one need not call at Brighton and two shall call additionally at Three Bridges and one additionally at Burgess Hill.
- 2.11 Between 1745 and 2015 five additional services shall be provided at half hourly intervals from Brighton to Kings Cross Thameslink, calling at the stations in paragraph 5.1. One of these services need not call at Brighton and Haywards Heath and one shall call additionally at Burgess Hill and one at Three Bridges.

3. SERVICE PATTERN SATURDAYS

- 3.1 Between and including Early and Late Services 28 services shall be provided at half hourly intervals between Kings Cross Thameslink and Brighton, calling at the stations in paragraph 1.1. There may be one interval of 35 minutes.
- 3.2 Between and including Early and Late Services 28 services shall be provided at half hourly intervals between Brighton and Kings Cross Thameslink, calling at the stations in paragraph 1.1.

- 3.3 One additional service departing between 0600 and the Early service shall be provided between Brighton and the stations in paragraph 1.1.

4. SERVICE PATTERN SUNDAYS

- 4.1. Between and including the Early and Late Services 30 services shall be provided at half hourly intervals from Kings Cross Thameslink to Brighton, calling at the stations in paragraphs 1.1 and 1.2.
- 4.2. Between the Late Service and 0110 four additional services shall be provided from Kings Cross Thameslink and Brighton, calling at the stations in paragraph 1.1 and 1.2. The maximum interval between these services shall be 60 minutes. Two of these services need not call at Haywards Heath, Burgess Hill and Brighton. One of these need not call at London Bridge, but may call additionally at Selhurst.
- 4.3. Between and including the Early and Late Services 36 services shall be provided at half hourly intervals from Brighton to Kings Cross Thameslink, calling at the stations in paragraph 1.1 and 1.2. The interval between the penultimate and Late Service may be 60 minutes. One of these need not call at London Bridge, but may call additionally at Selhurst.

5. LIMITED STOPS

5.1. Three Bridges

- 5.1.1. On Saturdays the Early Service from Kings Cross Thameslink shall call.

5.2. Redhill

- 5.2.1 On Mondays to Fridays one service departing London between 0730 and 0830.
- 5.2.2 On Sundays the Late Service from Brighton shall call.

5.3. Tulse Hill

- 5.3.1. On Mondays to Fridays one service departing London between 0730 and 0845 shall call.
- 5.3.2. On Mondays to Fridays one service departing Brighton between 0730 and 0800 and one service departing Brighton between 1515 and 1745 shall call.

5.4. Herne Hill

5.4.1. On Mondays to Fridays one service departing London between 0730 and 0845 and one service departing London between 1730 and 1800 shall call.

5.4.2. On Mondays to Fridays two services departing Brighton between 0700 and 0800 and one service departing Brighton between 1515 and 1745 shall call.

5.5. Loughborough Junction and Elephant and Castle

5.5.1. On Mondays to Fridays one service departing London between 0800 and 0845 shall call.

6. EARLY AND LATE SERVICES

Early Service arrives at destination no later than:			
Route	Monday - Friday	Saturday	Sunday
Brighton to Kings Cross Thameslink (fast)	1030	0830	0715
Kings Cross Thameslink to Brighton (fast)	1040	0730	0830

Late Service departs no earlier than:			
Route	Monday – Friday	Saturday	Sunday
Brighton to Kings Cross Thameslink (fast)	1450	2015	2330
Kings Cross Thameslink to Brighton (fast)	1600	1930	2115

7. MAXIMUM JOURNEY TIMES

Route	Monday - Friday	Saturday	Sunday
Brighton to Kings Cross Thameslink (fast)	1 hour and 17 minutes, <i>with one exception of 1 hour</i>	1 hour and 17 minutes	1 hour and 19 minutes, <i>with one exception of 1 hour</i>

Route	Monday - Friday	Saturday	Sunday
	<i>and 24 minutes and one of 1 hour 33 minutes permitted</i>		<i>and 24 minutes permitted.</i>
Kings Cross Thameslink to Brighton (fast)	1 hour and 20 minutes, <i>with 3 exceptions of 1 hour and 26 minute and two of 1 hour 35 minutes permitted</i>	1 hour and 18 minutes, <i>with two exceptions of 1 hour and 23 minutes permitted</i>	1 hour and 30 minutes

Route I – Sutton and Wimbledon to London (Kings Cross Thameslink)

1. ROUTE DEFINITION

- 1.1. Services shall be provided between Sutton and London calling at West Sutton, Sutton Common, St Helier, Morden South, South Merton, Wimbledon Chase, Wimbledon, Haydons Road, Tooting, Streatham, Tulse Hill, Herne Hill, Loughborough Junction, Elephant and Castle, Blackfriars, City Thameslink and Farringdon.
- 1.2. Services may be combined with those specified in Routes F, G and J to provide cross-London services with one train fulfilling both requirements. Services when combined with those in Route J shall when combined provide a 15 minute service between Kings Cross Thameslink and Streatham.
- 1.3. Services need not call at City Thameslink before 0600 and after 2310 on Mondays to Fridays and before 0845 and after 2115 on Saturdays or all day on Sundays.
- 1.4. Services after between 0045 and 0500 need not call at Farringdon.

2. SERVICE PATTERN MONDAY TO FRIDAY

- 2.1. Between and including the Early and Late Services 29 services shall be provided between Sutton and Kings Cross Thameslink at half hourly intervals calling at the stations in paragraph 1.1. The interval between the first and second service may be 56 minutes. One interval of 40 minutes may be permitted.
- 2.2. Between 0530 and the Early Service two additional services shall be provided from Streatham to Kings Cross Thameslink and one service shall be provided from Wimbledon to Kings Cross Thameslink calling at the stations in paragraph 1.1 except

that two service may originate at Selhurst and one need not call at Loughborough Junction . The maximum interval between these services shall be 30 minutes.

- 2.3. Between 0745 and 0815 one additional service shall be provided from Wimbledon to Kings Cross Thameslink calling at the stations in paragraph 1.1.
- 2.4. Between the Late Service and 2200 two additional services shall be provided from Sutton to Kings Cross Thameslink calling at the stations in paragraph 1.1. One of these need not call at West Sutton, Sutton Common, St Helier, Morden South, South Merton and Wimbledon Chase.
- 2.5. Between and including the Early and Late Services 30 services shall be provided between Kings Cross Thameslink and Sutton at half hourly intervals calling at the stations in paragraph 1.1. One interval of 40 minutes may be permitted and one service departing Kings Cross Thameslink between 1945 and 2030 need not call at Wimbledon Chase, South Merton, Morden South, St Helier, Sutton Common, West Sutton and Sutton.
- 2.6. Between 0700 and the Early Service one additional service shall be provided from Kings Cross Thameslink to Wimbledon calling at the stations in paragraph 1.1.
- 2.7. One additional service shall be provided between 0630 and 0700 from Selhurst to Kings Cross Thameslink, calling at Thornton Heath, Norbury, Streatham Common, Streatham, Tulse Hill, Herne Hill, Loughborough Jn and Elephant & Castle.
- 2.8. One additional service shall be provided between 0700 and 0730 from Wimbledon to Kings Cross Thameslink, calling at Haydons Road, Tooting, Streatham, Tulse Hill, Herne Hill, Loughborough Jn and Elephant & Castle.
- 2.9 One additional service shall be provided between 0830 and 0900 from London Blackfriars to Streatham, calling at Elephant & Castle, Loughborough Junction, Herne Hill and Tulse Hill.

3. SERVICE PATTERN SATURDAY

- 3.1. Between and including the Early and Late Services 30 services shall be provided at half hourly intervals from Sutton to Kings Cross Thameslink, calling at the stations in paragraph 1.1. One interval of 45 minutes shall be permitted between the penultimate and Late Services.
- 3.2. Between 0645 and the Early Service one additional service shall be provided from Wimbledon to Kings Cross Thameslink, calling at the stations in paragraph 1.1.
- 3.3. Between 0530 and 0645 three additional services shall be provided between Selhurst and Kings Cross Thameslink, calling at the stations in paragraph 1.1. The first of these need not call at Loughborough Junction.

- 3.4. Between the Late Service and 2300 one additional service shall be provided from Wimbledon to Kings Cross Thameslink, calling at the stations in paragraph 1.1, except Loughborough Junction.
- 3.5. Between and including the Early and Late Services 34 services shall be provided at half hourly intervals from Kings Cross Thameslink to Sutton, calling at the stations in paragraph 1.1.
- 3.6. Between 0600 and the Early Service one additional service shall be provided from London Blackfriars to Sutton, calling at the stations in paragraph 1.1, except Loughborough Junction.

4. SERVICE PATTERN SUNDAY

- 4.1 Between and including the Early and Late Services 16 services shall be provided at half hourly intervals between Sutton and Kings Cross Thameslink, calling at the stations in paragraph 1.1.
- 4.2 Between and including the Early and Late Services 16 services shall be provided at half hourly intervals between Kings Cross Thameslink and Sutton, calling at the stations in paragraph 1.1.

5. EARLY AND LATE SERVICES

	Early Service arrives at destination no later than:		
Route	Monday - Friday	Saturday	Sunday
Sutton to Kings Cross Thameslink (via Wimbledon)	0730	0815	1115
Kings Cross Thameslink to Sutton (via Wimbledon)	0945	0745	1015

	Late Service departs no earlier than:		
Route	Monday – Friday	Saturday	Sunday
Sutton to Kings Cross Thameslink (via Wimbledon)	2015	2145	1730
Kings Cross Thameslink to Sutton (via Wimbledon)	2305	2245	1630

6. MAXIMUM JOURNEY TIMES

Route	Monday - Friday	Saturday	Sunday
Sutton to Kings Cross Thameslink (via Wimbledon)	1 hour and 8 minutes, <i>with one exception of 1 hour and 15 minutes permitted</i>	1 hour and 4 minutes	59 minutes
Kings Cross Thameslink to Sutton (via Wimbledon)	1 hour and 8 minutes	1 hour and 6 minutes, <i>with one exception of 1 hour 7 minutes and one exception of 1 hour 12 minutes permitted</i>	59 minutes

Route J – Sutton and Hackbridge to London (Kings Cross Thameslink)

1. ROUTE DEFINITION

- 1.1. Services shall be provided between Sutton and London calling at Carshalton, Hackbridge, Mitcham Junction, Streatham, Tulse Hill, Herne Hill, Loughborough Junction, Elephant and Castle, London Blackfriars, City Thameslink and Farringdon.
- 1.2. Services may be combined with those specified in Routes F, G and I to provide cross-London services with one train fulfilling both requirements. Services when combined with those in Route I shall when combined provide a 15 minute service between Kings Cross Thameslink and Streatham.
- 1.3. Services need not call at City Thameslink before 0600 and after 2310 on Mondays to Fridays and before 0845 and after 2115 on Saturdays or all day on Sundays.
- 1.4. Services between 0045 and 0500 need not call at Farringdon.

2. SERVICE PATTERN MONDAY TO FRIDAY

- 2.1. Between and including the Early and Late Services 18 services shall be provided at half hourly intervals from Sutton to London calling at the stations in paragraph 1.1.
- 2.2. Between the Late Service and 1915 one additional service shall be provided from Sutton to London calling at the stations in paragraph 1.1.
- 2.3. Between and including the Early and Late Services 27 services shall be provided at half hourly intervals between London and Sutton calling at the stations in paragraph 1.1. The Early Service need not call at Kings Cross Thameslink and Farringdon and may terminate at Carshalton. One service need not call at Mitcham Junction, Hackbridge and Carshalton.

3. SERVICE PATTERN SATURDAY

- 3.1. Between and including the Early and Late Services 25 services shall be provided at half hourly intervals from Sutton to Kings Cross Thameslink, calling at the stations in paragraph 1.1.
- 3.2. Between and including the Early and Late Services 23 services shall be provided at half hourly intervals from Kings Cross Thameslink to Sutton, calling at the stations in paragraph 1.1.
- 3.3. Between 0715 and the Early Service one additional services shall be provided from London Blackfriars to Sutton, calling at the stations in paragraph 1.1.

4. SERVICE PATTERN SUNDAY

No service required.

5. EARLY AND LATE SERVICES

	Early Service arrives at destination no later than:		
Route	Monday - Friday	Saturday	Sunday
Sutton to Kings Cross Thameslink (via Hackbridge)	1030	0800	Not applicable
Kings Cross Thameslink to Sutton (via Hackbridge)	0700	0845	Not applicable
	Late Service departs no earlier than:		
Route	Monday – Friday	Saturday	Sunday
Sutton to Kings Cross Thameslink (via Hackbridge)	1800	1845	Not applicable
Kings Cross Thameslink to Sutton (via Hackbridge)	1845	1830	Not applicable

6. MAXIMUM JOURNEY TIMES

Route	Monday - Friday	Saturday	Sunday
Sutton to Kings Cross Thameslink (via Hackbridge)	53 minutes, <i>with one exception of 55 minutes permitted</i>	51 minutes	Not applicable
Kings Cross Thameslink to Sutton (via Hackbridge)	52 minutes	50 minutes	Not applicable