



**DOCUMENT *SLC1a* – SLC1a**

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**SLC1a**

**relating to**

**THE LONDON OVERGROUND TRAIN OPERATING  
CONCESSION AGREEMENT**

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SLC1a v2

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Route	NLL	Richmond-Stratford	SLC1a - Richmond to Stratford
Service Description	A service shall be provided between		Richmond and Stratford
	Rating at		New Gardens, Gunnersbury, South Acton, Acton Central, Willesden Junction, Censal Rise, Brondesbury Park, Brondesbury, West Hampstead, Finchley Road & Frogna, Hampstead Heath, Gospel Oak, Kentish Town West, Camden Road, Caledonian Road & Bamsbury, Highbury & Islington, Canonbury, Dalston Kingsland, Hackney Central, Homerton and Hackney Wick.
	Commencement date		01.11.2016
	Rolling stock		1 Car Class 378 (MU)
Service Pattern	Monday to Friday	Start	Richmond (Eastbound) Stratford (Westbound)
		The Early service shall depart from the origin at or no later than	05:55:00 05:50:00
	Service Intervals	Thereafter services shall operate with the following interval in minutes	15 30
		Intervals may be extended or reduced by the following number of minutes	5 in peak periods, 5 in off peak periods [Note 1] [Note 2] 5 minutes
		Until	06:15:00
		And thereafter services shall operate with the following interval in minutes	15
		Intervals may be extended or reduced by the following number of minutes	3 in peak periods, 5 in off peak periods
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
	End of Service	Until the late service which shall depart from the origin no earlier than	13:05:00 23:15:00 [Note 1]
	Minimum Number of Service	The minimum number of services which shall operate during the day is	70 70
	Extensions	Services shall be extended as follows	
	Additional Services	In addition to the foregoing, further services shall operate as follows	1 Willesden Junction to Stratford, departing Willesden Junction between 05:55 and 06:00 2 Camden Road to Stratford, departing Camden Rd between 06:10 and 06:15 3 Richmond to Willesden Junction, departing Willesden Junction between 13:25 and 23:30 4 Stratford to Willesden Junction, departing Stratford between 23:40 and 23:50 5
	Maximum Journey Time	The Maximum Public Journey Time shall be	62 minutes, provided 70% achieve 60 minutes 62 minutes, provided 70% achieve 61 minutes
Saturdays	Start	The Early service shall depart from the origin no later than	06:00:00 05:45:00
	Service Intervals	Thereafter services shall operate with the following interval in minutes	15 15
		Intervals may be extended or reduced by the following number of minutes	5 5
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	22:15:00
		And thereafter services shall operate with the following interval in minutes	30
		Intervals may be extended or reduced by the following number of minutes	1
		Until	22:45:00
		And thereafter services shall operate with the following interval in minutes	15
		Intervals may be extended or reduced by the following number of minutes	5
		Until	
	End of Service	Until the late service which shall depart from the origin no earlier than	13:00:00 23:15 [Note 1]
	Minimum Number of Service	The minimum number of services which shall operate during the day is	70 70
	Extensions	Services shall be extended as follows	
	Additional Services	In addition to the foregoing, further services shall operate as follows	1 Willesden Junction to Stratford, departing Willesden Junction between 05:50 and 06:00 2 Richmond to Willesden Junction, departing Richmond between 23:20 and 23:30 3 Stratford to Camden Rd, departing Stratford between 23:25 and 23:35 4 Stratford to Willesden Junction, departing Stratford between 23:40 and 23:50 5
	Maximum Journey Time	The Maximum Public Journey Time shall be	62 minutes, provided 90% achieve 60 minutes 62 minutes, provided 90% achieve 61 minutes
Sundays	Start	The Early service shall depart from the origin no later than	09:00:00 08:15:00
	Service Intervals	Thereafter services shall operate with the following interval in minutes	15 15
		Intervals may be extended or reduced by the following number of minutes	5 5
		Until	10:00:00
		And thereafter services shall operate with the following interval in minutes	22.5 [Note 2]
		Intervals may be extended or reduced by the following number of minutes	2.5
		Until	10:45:00
		And thereafter services shall operate with the following interval in minutes	15
		Intervals may be extended or reduced by the following number of minutes	5
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	22:00:00 22:00:00
		And thereafter services shall operate with the following interval in minutes	30
		Intervals may be extended or reduced by the following number of minutes	5
		Until	
	End of Service	Until the late service which shall depart from the origin no earlier than	23:00:00 22:30:00 [Note 1]
	Minimum Number of Service	The minimum number of services which shall operate during the day is	55 52
	Extensions	Services shall be extended as follows	
	Additional Services	In addition to the foregoing, further services shall operate as follows	1 Willesden Junction to Stratford, departing Willesden Junction between 08:55 and 09:05 2 Willesden Junction to Richmond, departing Willesden Junction between 09:30 and 09:35 3 Gospel Oak and Richmond, departing Gospel Oak between 09:25 and 09:35 4 Willesden Junction to Richmond, departing Willesden Junction between 11:10 and 11:20 5 Stratford to Camden Rd, departing Stratford between 22:10 and 22:20 6 Stratford to Camden Rd, departing Stratford between 22:40 and 22:50 7 Stratford to Willesden Junction, departing Stratford between 23:00 and 23:10 8
	Maximum Journey Time	The Maximum Public Journey Time shall be	61 minutes, provided 90% achieve 59 minutes 62 minutes, provided 90% achieve 61 minutes
Friday and Saturday nights	Service Requirement		Not applicable Not applicable
		The minimum number of additional services which shall operate is	
Christmas Eve	Service Requirement	A reduced/alter service pattern may be operated in agreement with RfL, after last services shall leave the origin no earlier than	N/A N/A
Christmas Day	Service Requirement		No service No service
Boxing Day	Service Requirement		No service No service
		The minimum number of services which shall operate during the day is	
Weekdays falling between Christmas Day and New Years	Service Requirement		A Saturday service shall operate. A Saturday service shall operate.
New Years Eve	Service Requirement		A Saturday service shall operate. A Saturday service shall operate.
	Additional Services Required	In addition to the foregoing, further services shall operate as follows	A service shall operate every 15 minutes between Camden Rd and Stratford with the final arrival at Stratford no earlier than 03:15. A service shall operate every 15 minutes between Stratford and Camden Road with the final arrival at Camden Road no earlier than 03:15.
	Additional services	The minimum number of additional services which shall operate is	13 13
New Years Day	Service Requirement		A Saturday service shall operate, with Sunday start times. A Saturday service shall operate, with Sunday start times.
Other Bank Holidays	Service Requirement		A Saturday service shall operate. A Saturday service shall operate.
Notes			1 [Note 1] Weekdays between 06:30 and 10:15 increments between services may be extended to 20 minutes and reduced to 9 minutes as long as 3 trains are provided in this period. This is to account for the shift from the peak to the off-peak timetable pattern 2 [Note 2] Weekdays one service interval of 9 minutes is allowed between 14:55 and 15:10 3 [Note 1] Note that additional services run after the 'End of Service' [Note 2] An extended service interval is required during this period to retime the Stratford to Richmond Services to provide 60p between Stratford and Willesden Junction in conjunction with the Stratford to Clapham Junction services

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Route	NLL	Clapham Junction - Willesden Junction	B2a SLC1a - Clapham Junction to Willesden Junction
Service Description	A service shall be provided between calling at		Clapham Junction and Willesden Junction
	Commencement date		Imperial Wharf, West Brompton, Kensington Olympia and Shepherd's Bush
	Rolling stock		01.11.2016 1 Car Class 378 EMU
Service Pattern	Direction	From :	Clapham Junction (Eastbound)
	Monday to Friday	Start	05:50:00 [Note 1]
		Service Intervals	06:05:00
		Thereafter services shall operate with the following interval in minutes	30
		Intervals may be extended or reduced by the following number of minutes	2
		Until	06:35:00
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	08:30:00
		And thereafter services shall operate with the following interval in minutes	30
		Intervals may be extended or reduced by the following number of minutes	1
		Until	14:00:00
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	19:30:00
		And thereafter services shall operate with the following interval in minutes	30
		Intervals may be extended or reduced by the following number of minutes	1
		Until	20:00:00
		And thereafter services shall operate with the following interval in minutes	30
		Intervals may be extended or reduced by the following number of minutes	1
		Until	21:30:00
		And thereafter services shall operate with the following interval in minutes	15
		Intervals may be extended or reduced by the following number of minutes	1
		Until	22:30:00
		And thereafter services shall operate with the following interval in minutes	30
		Intervals may be extended or reduced by the following number of minutes	1
		Until	23:30:00
		End of Service	23:30:00
		Minimum Number of Service	22
		Extensions	
		Additional Services	
		Maximum Journey Time	21 minutes
	Saturdays	Start	05:50:00
		Service Intervals	06:05:00
		Thereafter services shall operate with the following interval in minutes	30
		Intervals may be extended or reduced by the following number of minutes	1
		Until	06:30:00
		And thereafter services shall operate with the following interval in minutes	30
		Intervals may be extended or reduced by the following number of minutes	1
		Until	10:00:00
		And thereafter services shall operate with the following interval in minutes	15
		Intervals may be extended or reduced by the following number of minutes	1
		Until	13:00:00
		And thereafter services shall operate with the following interval in minutes	30
		Intervals may be extended or reduced by the following number of minutes	1
		Until	23:30:00
		End of Service	23:30:00
		Minimum Number of Service	28
		Extensions	
		Additional Services	
		Maximum Journey Time	21 minutes
	Sundays	Start	08:30:00
		Service Intervals	08:35:00
		Thereafter services shall operate with the following interval in minutes	30
		Intervals may be extended or reduced by the following number of minutes	1
		Until	09:35:00
		And thereafter services shall operate with the following interval in minutes	15
		Intervals may be extended or reduced by the following number of minutes	1
		Until	10:00:00
		And thereafter services shall operate with the following interval in minutes	30
		Intervals may be extended or reduced by the following number of minutes	1
		Until	22:00:00
		And thereafter services shall operate with the following interval in minutes	30
		Intervals may be extended or reduced by the following number of minutes	1
		Until	22:20:00
		And thereafter services shall operate with the following interval in minutes	15
		Intervals may be extended or reduced by the following number of minutes	1
		Until	22:45:00
		And thereafter services shall operate with the following interval in minutes	30
		Intervals may be extended or reduced by the following number of minutes	2
		Until	23:15:00
		End of Service	23:20:00
		Minimum Number of Service	34
		Extensions	
		Additional Services	
		Maximum Journey Time	21 minutes
	Friday and Saturday nights	Service Requirement	Not applicable.
	Christmas Eve	Service Requirement	N/A
	Christmas Day	Service Requirement	No service
	Boxing Day	Service Requirement	No service
	Weekdays falling between Christmas Day and New Years	Service Requirement	A Saturday service shall operate.
	New Year's Eve	Service Requirement	A Saturday service shall operate.
	New Year's Day	Service Requirement	A Saturday service shall operate, with Sunday start times.
	Other Bank Holidays	Service Requirement	A Saturday service shall operate.
Notes			1 [Note 1] Clapham Junction to Willesden Junction, departing Clapham Junction between 05:40 and 05:50
			2
			3

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Route	ELL	Dalston Junction - Clapham Junction	IES	SLC1a - Dalston Junction to Clapham Junction
Service Description	A service shall be provided between calling at		Dalston Junction and Clapham Junction	
	Commencement date		11.11.2016	
	Rolling stock		5 Car Class 378 EMU	
Service Pattern	Monday to Friday	Direction	From :	Dalston Junction (Southbound)
	Start	The Early service shall depart from the origin at or no later than	05:50:00	Clapham Junction (Northbound)
	Service Intervals	Thereafter services shall operate with the following interval in minutes	30	06:00:00
		Intervals may be extended or reduced by the following number of minutes	1	1
	Until	And thereafter services shall operate with the following interval in minutes	06:20:00	06:30:00
		Intervals may be extended or reduced by the following number of minutes	15	15
	Until	And thereafter services shall operate with the following interval in minutes	1	1
		Intervals may be extended or reduced by the following number of minutes		
	Until	And thereafter services shall operate with the following interval in minutes		
		Intervals may be extended or reduced by the following number of minutes		
	Until	And thereafter services shall operate with the following interval in minutes		
		Intervals may be extended or reduced by the following number of minutes		
	Until	And thereafter services shall operate with the following interval in minutes	22:05:00	
		Intervals may be extended or reduced by the following number of minutes	1	
	Until	And thereafter services shall operate with the following interval in minutes	22:35:00	22:45:00
		Intervals may be extended or reduced by the following number of minutes	15	30
	Until	And thereafter services shall operate with the following interval in minutes	23:30:00	23:40:00
	End of Service	Until the Late service which shall depart from the origin no earlier than	23:30:00	23:40:00
	Minimum Number of Service	The minimum number of services which shall operate during the day is	69	69
	Extensions	Services shall be extended as follows	From F1 where appropriate	To F1 where appropriate
	Additional Services	In addition to the foregoing, further services shall operate as follows	1 Dalston Junction to Battersea Park, departing Dalston Junction between 06:15 and 06:20 (calls at all stations to Wandsworth Road and then Battersea Park)	Battersea Park to Dalston Junction, departing Battersea Park between 06:15 and 06:20 (calls at Wandsworth Road and then all stations to Dalston Junction)
			2 Battersea Park to Clapham High Street, departing Battersea Park between 23:05 and 23:10 (calls at Wandsworth Road)	
			3	
			4	
			5	
	Maximum Journey Time	The Maximum Public Journey Time shall be	50 minutes, provided 95% achieve 45 minutes	45 minutes, provided 95% achieve 44 minutes
Saturdays	Start	The Early service shall depart from the origin no later than	05:50:00	06:00:00
	Service Intervals	Thereafter services shall operate with the following interval in minutes	30	30
		Intervals may be extended or reduced by the following number of minutes	1	1
	Until	And thereafter services shall operate with the following interval in minutes	06:20:00	06:30:00
		Intervals may be extended or reduced by the following number of minutes	15	15
	Until	And thereafter services shall operate with the following interval in minutes	1	1
		Intervals may be extended or reduced by the following number of minutes		
	Until	And thereafter services shall operate with the following interval in minutes		
		Intervals may be extended or reduced by the following number of minutes		
	Until	And thereafter services shall operate with the following interval in minutes		23:15:00
		Intervals may be extended or reduced by the following number of minutes		30
	End of Service	Until the Late service which shall depart from the origin no earlier than	23:20:00	23:40:00
	Minimum Number of Service	The minimum number of services which shall operate during the day is	70	70
	Extensions	Services shall be extended as follows		
	Additional Services	In addition to the foregoing, further services shall operate as follows	1	
			2	
			3	
			4	
			5	
	Maximum Journey Time	The Maximum Public Journey Time shall be	46 minutes, provided 95% achieve 45 minutes	45 minutes, provided 95% achieve 44 minutes
Sundays	Start	The Early service shall depart from the origin no later than	07:20:00	07:25 (Note 1)
	Service Intervals	Thereafter services shall operate with the following interval in minutes	30	25
		Intervals may be extended or reduced by the following number of minutes	1	1
	Until	And thereafter services shall operate with the following interval in minutes	08:45:00	08:20:00
		Intervals may be extended or reduced by the following number of minutes	15	30
	Until	And thereafter services shall operate with the following interval in minutes	1	1
		Intervals may be extended or reduced by the following number of minutes	1:10:00	06:50:00
	Until	And thereafter services shall operate with the following interval in minutes	1:10 (Note 1)	15
		Intervals may be extended or reduced by the following number of minutes	2	1
	Until	And thereafter services shall operate with the following interval in minutes	11:40:00	12:05:00
		Intervals may be extended or reduced by the following number of minutes	15	15
	Until	And thereafter services shall operate with the following interval in minutes	1	3 (Note 2)
		Intervals may be extended or reduced by the following number of minutes		12:20:00
	Until	And thereafter services shall operate with the following interval in minutes	22:10:00	22:20:00
		Intervals may be extended or reduced by the following number of minutes	30	30
	End of Service	Until the Late service which shall depart from the origin no earlier than	23:10:00	23:15:00
	Minimum Number of Service	The minimum number of services which shall operate during the day is	60	66
	Extensions	Services shall be extended as follows		
	Additional Services	In addition to the foregoing, further services shall operate as follows	1	
			2	
			3	
			4	
			5	
			6	
			7	
	Maximum Journey Time	The Maximum Public Journey Time shall be	66 minutes, provided 95% achieve 45 minutes	61 minutes, provided 95% achieve 44 minutes
Friday and Saturday nights	Service Requirement	The minimum number of additional services which shall operate is	Not applicable.	Not applicable.
Christmas Eve	Service Requirement	A reduced/alter service pattern may be operated in agreement with RFL after last services shall leave the origin no earlier than	N/A	N/A
Christmas Day	Service Requirement		21:30	21:30
Boxing Day	Service Requirement		No service	No service
			No service	No service
Weekdays falling between Christmas Day and New Years	Service Requirement		A Saturday service shall operate.	A Saturday service shall operate.
New Years Eve	Service Requirement		A Saturday service shall operate.	A Saturday service shall operate.
Additional Services Required		In addition to the foregoing, further services shall operate as follows	Not applicable.	Not applicable.
Additional Services		The minimum number of additional services which shall operate is		
New Years Day	Service Requirement		A Saturday service shall operate, with Sunday start times.	A Saturday service shall operate, with Sunday start times.
Other Bank Holidays	Service Requirement		A Saturday service shall operate.	A Saturday service shall operate.
Notes			1 Note 1: The irregular interval is caused due to the timetable pattern change at this time. An interval of 8-9 minutes is maintained from the previous Clapham Junction service when departing Dalston Junction	Note 1: The first service should instead start from Battersea Park due to engineering works at Clapham Junction, calling at Wandsworth Road and then all stations to Dalston Junction (Extension to E1 as required)
			2 Note 2: The operator shall call at New Brompton once the station has been opened	Note 2: There is currently one 12 minute interval here to transition the timetable between two different service patterns
			3	Note 3: The operator shall call at New Brompton once the station has been opened





Route	ELL	Highbury and Islington - New Cross Gate	EB	SLC1a - Highbury and Islington to New Cross Gate
Service Description	A service shall be provided between			
	calling at			
	Commencement date		N/A	
	Rolling stock		N/A	
Service Pattern	Monday to Friday	Direction	From :	
		Start	The Early service shall depart from the origin at or no later than	
		Service Intervals	Thereafter services shall operate with the following interval in minutes	
			Intervals may be extended or reduced by the following number of minutes	
			Until	
			And thereafter services shall operate with the following interval in minutes	
			Intervals may be extended or reduced by the following number of minutes	
			Until	
			And thereafter services shall operate with the following interval in minutes	
			Intervals may be extended or reduced by the following number of minutes	
			Until	
			And thereafter services shall operate with the following interval in minutes	
			Intervals may be extended or reduced by the following number of minutes	
			Until	
			And thereafter services shall operate with the following interval in minutes	
			Intervals may be extended or reduced by the following number of minutes	
			Until	
		End of Service	Until the late service which shall depart from the origin no earlier than	
		Minimum Number of Service	The minimum number of services which shall operate during the day is	
		Extensions	Services shall be extended as follows	
		Additional Services	In addition to the foregoing, further services shall operate as follows	1
				2
				3
				4
				5
		Maximum Journey Time	The Maximum Public Journey Time shall be	
	Saturdays	Start	The Early service shall depart from the origin no later than	
		Service Intervals	Thereafter services shall operate with the following interval in minutes	
			Intervals may be extended or reduced by the following number of minutes	
			Until	
			And thereafter services shall operate with the following interval in minutes	
			Intervals may be extended or reduced by the following number of minutes	
			Until	
			And thereafter services shall operate with the following interval in minutes	
			Intervals may be extended or reduced by the following number of minutes	
			Until	
			And thereafter services shall operate with the following interval in minutes	
			Intervals may be extended or reduced by the following number of minutes	
			Until	
		End of Service	Until the late service which shall depart from the origin no earlier than	
		Minimum Number of Service	The minimum number of services which shall operate during the day is	
		Extensions	Services shall be extended as follows	
		Additional Services	In addition to the foregoing, further services shall operate as follows	1
				2
				3
				4
				5
		Maximum Journey Time	The Maximum Public Journey Time shall be	
	Sundays	Start	The Early service shall depart from the origin no later than	
		Service Intervals	Thereafter services shall operate with the following interval in minutes	
			Intervals may be extended or reduced by the following number of minutes	
			Until	
			And thereafter services shall operate with the following interval in minutes	
			Intervals may be extended or reduced by the following number of minutes	
			Until	
			And thereafter services shall operate with the following interval in minutes	
			Intervals may be extended or reduced by the following number of minutes	
			Until	
			And thereafter services shall operate with the following interval in minutes	
			Intervals may be extended or reduced by the following number of minutes	
			Until	
		End of Service	Until the late service which shall depart from the origin no earlier than	
		Minimum Number of Service	The minimum number of services which shall operate during the day is	
		Extensions	Services shall be extended as follows	
		Additional Services	In addition to the foregoing, further services shall operate as follows	1
				2
				3
				4
				5
		Maximum Journey Time	The Maximum Public Journey Time shall be	
	Friday and Saturday nights	Service Requirement		
			The minimum number of additional services which shall operate is	
	Christmas Eve	Service Requirement	A reduced/alter service pattern may be operated in agreement with RfL after last services shall leave the origin no earlier than	
	Christmas Day	Service Requirement		
	Boxing Day	Service Requirement		
	Weekdays falling between Christmas Day and New Years	Service Requirement	The minimum number of services which shall operate during the day is	
	New Years Eve	Service Requirement		
		Additional Services Required	In addition to the foregoing, further services shall operate as follows	
	New Years Day	Additional Services	The minimum number of additional services which shall operate is	
		Service Requirement		
	Other Bank Holidays	Service Requirement		
Notes				1
				2
				3

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Route	LECL	Seven Sisters - Enfield Town	F1a SLC1a - Seven Sisters to Enfield Town
Service Description	A service shall be provided between		
	calling at		
	Commencement date		N/A
	Rolling stock		N/A
Service Pattern	Direction	From	
Monday to Friday	Start	The Early service shall depart from the origin at or no later than	
	Service Intervals	Thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
	End of Service	Until the Late service which shall depart from the origin no earlier than	
	Minimum Number of Service	The minimum number of services which shall operate during the day is	
	Extensions	Services shall be extended as follows	
	Additional Services	In addition to the foregoing, further services shall operate as follows	1
			2
			3
			4
			5
	Maximum Journey Time	The Maximum Public Journey Time shall be	
Saturdays	Start	The Early service shall depart from the origin no later than	
	Service Intervals	Thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
	End of Service	Until the Late service which shall depart from the origin no earlier than	
	Minimum Number of Service	The minimum number of services which shall operate during the day is	
	Extensions	Services shall be extended as follows	
	Additional Services	In addition to the foregoing, further services shall operate as follows	1
			2
			3
			4
	Maximum Journey Time	The Maximum Public Journey Time shall be	
Sundays	Start	The Early service shall depart from the origin no later than	
	Service Intervals	Thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
		And thereafter services shall operate with the following interval in minutes	
		Intervals may be extended or reduced by the following number of minutes	
		Until	
	End of Service	Until the Late service which shall depart from the origin no earlier than	
	Minimum Number of Service	The minimum number of services which shall operate during the day is	
	Extensions	Services shall be extended as follows	
	Additional Services	In addition to the foregoing, further services shall operate as follows	1
			2
			3
			4
			5
			6
			7
	Maximum Journey Time	The Maximum Public Journey Time shall be	
Friday and Saturday nights	Service Requirement		
Christmas Eve	Service Requirement	A reduced/alterd service pattern may be operated in agreement with RfL after	
		Last services shall leave the origin no earlier than	
Christmas Day	Service Requirement		
Boxing Day	Service Requirement		
		The minimum number of services which shall operate during the day is	
Weekdays falling between Christmas Day and New Years	Service Requirement		
New Years Eve	Service Requirement		
	Additional Services Required	In addition to the foregoing, further services shall operate as follows	
		The minimum number of additional services which shall operate is	
New Years Day	Service Requirement		
Other Bank Holidays	Service Requirement		
Notes			1
			2
			3



Route	LECL	London Liverpool St - Cheshunt	F2	SLC1a - Liverpool Street to Cheshunt (via Southbury)
Service Description	A service shall be provided between calling at		London Liverpool Street and Cheshunt	
	Commencement date		01.11.2016	
	Rolling stock		4 or 8 Car Class 315/317 EMU	
			An 8 car formation is to be provided where passenger numbers would exceed the capacity of a 4 car unit	
Service Pattern	Direction	From:	Liverpool Street (Northbound)	Cheshunt (Southbound)
	Start	The Early service shall depart from the origin at or no later than	05:45:00	05:20:00
	Service Intervals	Thereafter services shall operate with the following interval in minutes Intervals may be extended or reduced by the following number of minutes Until	10 1 06:35:00	45 1 06:00:00
		And thereafter services shall operate with the following interval in minutes Intervals may be extended or reduced by the following number of minutes Until	10 1 07:35:00	30 2 06:30:00
		And thereafter services shall operate with the following interval in minutes Intervals may be extended or reduced by the following number of minutes Until	10 1 08:15:00	20 1 06:50:00
		And thereafter services shall operate with the following interval in minutes Intervals may be extended or reduced by the following number of minutes Until	10 [Note 2] 1 09:15:00	30 1 08:20:00
		And thereafter services shall operate with the following interval in minutes Intervals may be extended or reduced by the following number of minutes Until	10 1 10:15:00	20 1 08:40:00
		And thereafter services shall operate with the following interval in minutes Intervals may be extended or reduced by the following number of minutes Until	10 1 (7 for transition from peak to off-peak and vice versa) 18:45:00	25 1 09:30:00
		And thereafter services shall operate with the following interval in minutes Intervals may be extended or reduced by the following number of minutes Until	10 1 19:45:00	30 1 (9 for transition from peak to off-peak and vice versa) 23:30:00
	End of Service	Until the Late service which shall depart from the origin no earlier than	23:45:00	23:30:00
	Minimum Number of Service	The minimum number of services which shall operate during the day is	18	18
	Extensions	Services shall be extended as follows		
	Additional Services	In addition to the foregoing, further services shall operate as follows	1 From London Liverpool Street to Cheshunt via Southbury, departing London Liverpool Street at 06:15 calling at Hackney Downs, Seven Sisters, Edmonton Green and then all stations to Cheshunt 2 From London Liverpool Street to Cheshunt via Southbury, departing London Liverpool Street at 08:00 calling at Hackney Downs, Seven Sisters, Edmonton Green and then all stations to Cheshunt 3 4 5	
	Maximum Journey Time	The Maximum Public Journey Time shall be	43 minutes, provided 89% achieve 39 minutes	43 minutes, provided 80% achieve 39 minutes
Saturdays	Start	The Early service shall depart from the origin no later than	05:15:00	05:20:00
	Service Intervals	Thereafter services shall operate with the following interval in minutes Intervals may be extended or reduced by the following number of minutes Until	10 1 06:35:00	45 1 06:00:00
		And thereafter services shall operate with the following interval in minutes Intervals may be extended or reduced by the following number of minutes Until		30 1
		And thereafter services shall operate with the following interval in minutes Intervals may be extended or reduced by the following number of minutes Until		
		And thereafter services shall operate with the following interval in minutes Intervals may be extended or reduced by the following number of minutes Until		
		And thereafter services shall operate with the following interval in minutes Intervals may be extended or reduced by the following number of minutes Until		
		And thereafter services shall operate with the following interval in minutes Intervals may be extended or reduced by the following number of minutes Until		
	End of Service	Until the Late service which shall depart from the origin no earlier than	23:45:00	23:30:00
	Minimum Number of Service	The minimum number of services which shall operate during the day is	18	17
	Extensions	Services shall be extended as follows		
	Additional Services	In addition to the foregoing, further services shall operate as follows	1 2 3 4 5	
	Maximum Journey Time	The Maximum Public Journey Time shall be	39 minutes	39 minutes
Sundays	Start	The Early service shall depart from the origin no later than	07:45:00	07:35:00
	Service Intervals	Thereafter services shall operate with the following interval in minutes Intervals may be extended or reduced by the following number of minutes Until	10 1	30 1
		And thereafter services shall operate with the following interval in minutes Intervals may be extended or reduced by the following number of minutes Until		
		And thereafter services shall operate with the following interval in minutes Intervals may be extended or reduced by the following number of minutes Until		
		And thereafter services shall operate with the following interval in minutes Intervals may be extended or reduced by the following number of minutes Until		
		And thereafter services shall operate with the following interval in minutes Intervals may be extended or reduced by the following number of minutes Until		
		And thereafter services shall operate with the following interval in minutes Intervals may be extended or reduced by the following number of minutes Until		
	End of Service	Until the Late service which shall depart from the origin no earlier than	23:15:00	23:30:00
	Minimum Number of Service	The minimum number of services which shall operate during the day is	12	13
	Extensions	Services shall be extended as follows		
	Additional Services	In addition to the foregoing, further services shall operate as follows	1 2 3 4 5 6 7	
	Maximum Journey Time	The Maximum Public Journey Time shall be	39 minutes	39 minutes
Friday and Saturday nights	Service Requirement		Not applicable.	Not applicable.
		The minimum number of additional services which shall operate is	-	-
Christmas Eve	Service Requirement	A reduced/alters service pattern may be operated in agreement with RIL after Last services shall leave the origin no earlier than	N/A	N/A
Christmas Day	Service Requirement		No Service	No Service
Boxing Day	Service Requirement		No Service	No Service
		The minimum number of services which shall operate during the day is	-	-
Weekdays falling between Christmas Day and New Years	Service Requirement		A Saturday or modified weekday service shall operate.	A Saturday or modified weekday service shall operate.
New Year's Eve	Service Requirement		A Saturday or modified weekday service shall operate.	A Saturday or modified weekday service shall operate.
	Additional Services Required	In addition to the foregoing, further services shall operate as follows	Not applicable.	Not applicable.
		The minimum number of additional services which shall operate is		
New Year's Day	Service Requirement		A Sunday service is to operate, unless otherwise specified in the Service Level Commitment	A Sunday service is to operate, unless otherwise specified in the Service Level Commitment
Other Bank Holidays	Service Requirement		A Saturday service shall operate	A Saturday service shall operate
Notes			<p>1 [Note 1] The Operator shall use all reasonable endeavours to remove skip stops following the East Anglia timetable re-write currently slated for May-19</p> <p>2 [Note 2] The service specified to depart London Liverpool Street between 08:38 and 08:52 may not call at Bethnal Green</p> <p>3 [Note 3] Sundays: Services departing London Liverpool Street before 09:15 may run non-stop between London Liverpool Street and Hackney</p>	

Route	LCFL	London Liverpool St - Chingford	G	SLC1a - Liverpool Street to Chingford
Service Description	A service shall be provided between calling at		London Liverpool Street and Chingford	
	Commencement date		01.11.2016	
	Rolling stock		4 or 8 Car Class 315/317 EMU	
			An 8 car formation is to be provided where passenger numbers would exceed the capacity of a 4 car unit	
Service Pattern	Direction	From:	Liverpool Street (Northbound)	Chingford (Southbound)
	Monday to Friday	Start	The Early service shall depart from the origin no later than 06:05:00	05:10:00
Service Pattern	Service Intervals	Thereafter services shall operate with the following interval in minutes	30	15
		Intervals may be extended or reduced by the following number of minutes	1	4
		Until	06:30:00	
		And thereafter services shall operate with the following interval in minutes	15	
		Intervals may be extended or reduced by the following number of minutes	2	
		Until		
		And thereafter services shall operate with the following interval in minutes		
		Intervals may be extended or reduced by the following number of minutes		
		Until		
		And thereafter services shall operate with the following interval in minutes		
		Intervals may be extended or reduced by the following number of minutes		
		Until		
		And thereafter services shall operate with the following interval in minutes		
		Intervals may be extended or reduced by the following number of minutes		
		Until		
Service Pattern	End of Service	Until the Late service which shall depart from the origin no earlier than	01:00:00	23:25:00
		Minimum Number of Service	76	74
		Extensions	Services shall be extended as follows	
		Additional Services	In addition to the foregoing, further services shall operate as follows	
			1	
			2	
			3	
			4	
			5	
Service Pattern	Maximum Journey Time	The Maximum Public Journey Time shall be	29 minutes, provided 80% achieve 27 minutes	30 minutes, provided 80% achieve 27 minutes
		Start	The Early service shall depart from the origin no later than 06:05:00	05:10:00
		Thereafter services shall operate with the following interval in minutes	30	15
		Intervals may be extended or reduced by the following number of minutes	1	1
		Until	06:30:00	
		And thereafter services shall operate with the following interval in minutes	15	
		Intervals may be extended or reduced by the following number of minutes	1	
		Until		
		And thereafter services shall operate with the following interval in minutes		
		Intervals may be extended or reduced by the following number of minutes		
		Until		
		And thereafter services shall operate with the following interval in minutes		
		Intervals may be extended or reduced by the following number of minutes		
		Until		
Service Pattern	End of Service	Until the Late service which shall depart from the origin no earlier than	01:00:00	23:10:00
		Minimum Number of Service	76	74
		Extensions	Services shall be extended as follows	
		Additional Services	In addition to the foregoing, further services shall operate as follows	
			1	
			2	
			3	
			4	
Service Pattern	Maximum Journey Time	The Maximum Public Journey Time shall be	27 minutes	28 minutes
		Start	The Early service shall depart from the origin no later than 07:15:00 [Note 1]	06:40:00 [Note 1]
		Thereafter services shall operate with the following interval in minutes	30	15
		Intervals may be extended or reduced by the following number of minutes	1	1
		Until	08:30:00 [Note 1]	
		And thereafter services shall operate with the following interval in minutes	15	
		Intervals may be extended or reduced by the following number of minutes	1	
		Until		
		And thereafter services shall operate with the following interval in minutes		
		Intervals may be extended or reduced by the following number of minutes		
		Until		
		And thereafter services shall operate with the following interval in minutes		
		Intervals may be extended or reduced by the following number of minutes		
		Until		
Service Pattern	End of Service	Until the Late service which shall depart from the origin no earlier than	01:00:00	23:10:00
		Minimum Number of Service	68	67
		Extensions	Services shall be extended as follows	
		Additional Services	In addition to the foregoing, further services shall operate as follows	
			1	
			2	
			3	
			4	
			5	
			6	
			7	
Service Pattern	Maximum Journey Time	The Maximum Public Journey Time shall be	28 minutes	28 minutes
		Service Requirement	Not applicable.	Not applicable.
		The minimum number of additional services which shall operate is	-	-
		Christmas Eve	A reduced/alter service pattern may be operated in agreement with RFL after last services shall leave the origin no earlier than	N/A
		Christmas Day	No Service	No Service
		Boxing Day	No Service	No Service
		Weekdays falling between Christmas Day and New Years	The minimum number of services which shall operate during the day is	
		New Years Eve	A Saturday or modified weekday service shall operate.	A Saturday or modified weekday service shall operate.
		Additional Services Required	A Saturday or modified weekday service shall operate.	A Saturday or modified weekday service shall operate.
		Additional Services	Not applicable.	Not applicable.
		New Years Day	The minimum number of additional services which shall operate is	
		Other Bank Holidays	A Sunday service is to operate, unless otherwise specified in the Service Level Commitment	A Sunday service is to operate, unless otherwise specified in the Service Level Commitment
			A Saturday service shall operate	A Saturday service shall operate
			A Sunday service is to operate, unless otherwise specified in the Service Level Commitment	A Sunday service is to operate, unless otherwise specified in the Service Level Commitment
			A Saturday service shall operate	A Saturday service shall operate
Notes			1 [Note 1] Sundays: Services departing London Liverpool Street before 09:15 may run non-stop between London Liverpool Street and Hackney Downs	[Note 1] Services arriving London Liverpool Street before 09:40 on Sundays may run non-stop between Hackney Downs and London Liverpool Street
			2	
			3	

Route	RUL	Romford - Upminster		SLC1a - Romford to Upminster	
Service Description	A service shall be provided between calling at			Romford and Upminster	
	Commencement date			01.11.2016	
	Rolling stock			11 Car Class 315/317 EMU	
		Direction	From	Romford	Upminster
Service Pattern	Monday to Friday	Start	The Early service shall depart from the origin no later than	06:15:00	06:25:00
		Service Intervals	Thereafter services shall operate with the following interval in minutes	10	30
			Intervals may be extended or reduced by the following number of minutes	1	1
			Until		
			And thereafter services shall operate with the following interval in minutes		
			Intervals may be extended or reduced by the following number of minutes		
			Until		
			And thereafter services shall operate with the following interval in minutes		
			Intervals may be extended or reduced by the following number of minutes		
			Until		
			And thereafter services shall operate with the following interval in minutes		
			Intervals may be extended or reduced by the following number of minutes		
			Until		
			And thereafter services shall operate with the following interval in minutes		
			Intervals may be extended or reduced by the following number of minutes		
			Until		
			And thereafter services shall operate with the following interval in minutes		
			Intervals may be extended or reduced by the following number of minutes		
			Until		
			And thereafter services shall operate with the following interval in minutes		
			Intervals may be extended or reduced by the following number of minutes		
			Until		
		End of Service	Until the Late service which shall depart from the origin no earlier than	21:40:00	21:50:00
		Minimum Number of Service	The minimum number of services which shall operate during the day is	32	32
		Extensions	Services shall be extended as follows		
		Additional Services	In addition to the foregoing, further services shall operate as follows		
		Maximum Journey Time	The Maximum Public Journey Time shall be	9 Minutes	9 Minutes
	Saturdays	Start	The Early service shall depart from the origin no later than	06:15:00	06:25:00
		Service Intervals	Thereafter services shall operate with the following interval in minutes	10	30
			Intervals may be extended or reduced by the following number of minutes	1	1
			Until		
			And thereafter services shall operate with the following interval in minutes		
			Intervals may be extended or reduced by the following number of minutes		
			Until		
			And thereafter services shall operate with the following interval in minutes		
			Intervals may be extended or reduced by the following number of minutes		
			Until		
			And thereafter services shall operate with the following interval in minutes		
			Intervals may be extended or reduced by the following number of minutes		
			Until		
			And thereafter services shall operate with the following interval in minutes		
			Intervals may be extended or reduced by the following number of minutes		
			Until		
			And thereafter services shall operate with the following interval in minutes		
			Intervals may be extended or reduced by the following number of minutes		
			Until		
			And thereafter services shall operate with the following interval in minutes		
			Intervals may be extended or reduced by the following number of minutes		
			Until		
		End of Service	Until the Late service which shall depart from the origin no earlier than	21:40:00	21:50:00
		Minimum Number of Service	The minimum number of services which shall operate during the day is	32	32
		Extensions	Services shall be extended as follows		
		Additional Services	In addition to the foregoing, further services shall operate as follows		
		Maximum Journey Time	The Maximum Public Journey Time shall be	9 Minutes	9 Minutes
	Sundays	Start	The Early service shall depart from the origin no later than	08:00:00	08:15:00
		Service Intervals	Thereafter services shall operate with the following interval in minutes	10	30
			Intervals may be extended or reduced by the following number of minutes	1	1
			Until		
			And thereafter services shall operate with the following interval in minutes		
			Intervals may be extended or reduced by the following number of minutes		
			Until		
			And thereafter services shall operate with the following interval in minutes		
			Intervals may be extended or reduced by the following number of minutes		
			Until		
			And thereafter services shall operate with the following interval in minutes		
			Intervals may be extended or reduced by the following number of minutes		
			Until		
			And thereafter services shall operate with the following interval in minutes		
			Intervals may be extended or reduced by the following number of minutes		
			Until		
			And thereafter services shall operate with the following interval in minutes		
			Intervals may be extended or reduced by the following number of minutes		
			Until		
			And thereafter services shall operate with the following interval in minutes		
			Intervals may be extended or reduced by the following number of minutes		
			Until		
		End of Service	Until the Late service which shall depart from the origin no earlier than	19:40:00	19:50:00
		Minimum Number of Service	The minimum number of services which shall operate during the day is	23	23
		Extensions	Services shall be extended as follows		
		Additional Services	In addition to the foregoing, further services shall operate as follows		
		Maximum Journey Time	The Maximum Public Journey Time shall be	9 minutes	9 minutes
	Friday and Saturday nights	Service Requirement		Not applicable.	Not applicable.
			The minimum number of additional services which shall operate is	-	-
	Christmas Eve	Service Requirement	A reduced/ altered service pattern may be operated in agreement with RUL after last services shall leave the origin no earlier than	N/A	N/A
	Christmas Day	Service Requirement		No Service	No Service
	Boxing Day	Service Requirement		No Service	No Service
	Weekdays falling between Christmas Day and New Years	Service Requirement		A Saturday or modified weekday service shall operate.	A Saturday or modified weekday service shall operate.
	New Years Eve	Service Requirement		A Saturday or modified weekday service shall operate.	A Saturday or modified weekday service shall operate.
	New Years Day	Additional Services Required	In addition to the foregoing, further services shall operate as follows		
		Additional services	The minimum number of additional services which shall operate is		
	Other Bank Holidays	Service Requirement		A Sunday service is to operate, unless otherwise specified in the Service Level Commitment	A Sunday service is to operate, unless otherwise specified in the Service Level Commitment
				A Saturday service shall operate	A Saturday service shall operate
Notes				1	
				2	
				3	



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