

MTR Crossrail Electric Multiple Unit Diagrams
 Sunday 10 December 2017 to Sunday 4 February 2018

IF 140 Class 345

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		06.05	3C09			5.93	5.93
Gidea Pk Mid Sdg	06.21	06+36	5C09			0.53	6.46
Gidea Park	06+38	06.39	2C09			13.53	19.99
Liverpool St	07.10	07.17	2C04			13.53	33.52
Gidea Park	07.45	07+47	5C04			0.53	34.05
Gidea Pk Mid Sdg	07+49	08+02	5C27			0.53	34.58
Gidea Park	08+04	08.05	2C27			13.53	48.11
Liverpool St	08.34	08+43	5C38			10.30	58.41
Chadwell Hth Mid Sdg	09+07	09+26	5V71			2.24	60.65
Ilford EMUD	09+40	15+57	5C02			2.24	62.89
Chadwell Hth Mid Sdg	16+07	16+18	5W34			10.30	73.19
Liverpool St	16+43	16.57	2W34			20.16	93.35
Shenfield	17.37	17.44	2W53			20.16	113.51
Liverpool St	18.24	18.32	2C78			13.53	127.04
Gidea Park	19.00	19+02	5W12			6.90	133.94
Shenfield CS	19+19						
						Loaded	100.37
						Empty	33.57
						Total	133.94

IF 141 Class 345

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Liverpool St		05.24	2W00			20.16	20.16
Shenfield	06.07	06.14	2W11			20.16	40.32
Liverpool St	06.57	07.07	2C02			13.53	53.85
Gidea Park	07.35	07+36	3C29			6.69	60.54
Shenfield	07+48	07+59	5C29			6.69	67.23
Gidea Park	08+11	08.12	2C29			13.53	80.76
Liverpool St	08.41	08+53	5C40			14.06	94.82
Gidea Pk Mid Sdg	09+25	09+51	5Z03			14.06	108.88
Liverpool St	10+23	10+37	5Z04			14.06	122.94
Gidea Pk Mid Sdg	11+05	12+01	5Z05			14.06	137.00
Liverpool St	12+29	12+37	5Z06			14.06	151.06
Gidea Pk Mid Sdg	13+05	13+17	5Z07			14.06	165.12
Liverpool St	13+49	13+57	5Z08			14.06	179.18
Gidea Pk Mid Sdg	14+25	14+41	5Z09			11.21	190.39
Bow Jn	15+07	15+16	5Z10			11.21	201.60
Gidea Pk Mid Sdg	15+45	16+17	5C91			11.21	212.81
Bow Jn	16+47	19+06	5V82			5.00	217.81
Ilford EMUD	19+30						
						Loaded	74.07
						Empty	143.74
						Total	217.81

MTR Crossrail Electric Multiple Unit Diagrams
 Sunday 10 December 2017 to Sunday 4 February 2018

IF 142 Class 345

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield CS		07+04	5C17			6.90	6.90
Gidea Park	07+17	07.18	2C17			13.53	20.43
Liverpool St	07.47	07.57	2C12			13.53	33.96
Gidea Park	08.24	08+25	3C39			6.69	40.65
Shenfield	08+37	08+45	5C39			6.69	47.34
Gidea Park	08+56	08.57	2C39			13.53	60.87
Liverpool St	09.29	09.40	2W48			20.16	81.03
Shenfield	10.23	10.34	2W67			20.16	101.19
Liverpool St	11.17	11.30	2W70			20.16	121.35
Shenfield	12.13	12.24	2W89			20.16	141.51
Liverpool St	13.07	13.20	2W92			20.16	161.67
Shenfield	14.03	14.14	2W11			20.16	181.83
Liverpool St	14.57	15.10	2W14			20.16	201.99
Shenfield	15.53	16.04	2W33			20.16	222.15
Liverpool St	16.47	17.00	2C58			13.53	235.68
Gidea Park	17.28	17+30	5C58			0.53	236.21
Gidea Pk Mid Sdg	17+32	17+39	5C59			0.53	236.74
Gidea Park	17+41	17.42	2C59			13.53	250.27
Liverpool St	18.11	18.20	2W56			20.16	270.43
Shenfield	19.03	19.14	2W71			20.16	290.59
Liverpool St	19.57	20.10	2W82			20.16	310.75
Shenfield	20.53	21.04	2W93			20.16	330.91
Liverpool St	21.47	22.00	2W04			20.16	351.07
Shenfield	22.43	22.59	2W11			20.16	371.23
Liverpool St	23.43	00.01	2C28			13.53	384.76
Gidea Park	00.31	00+33	5C28			0.53	385.29
Gidea Pk Mid Sdg	00+35	00+42	5C87			14.06	399.35
Liverpool St	01+03						
						Loaded	370.11
						Empty	29.24
						Total	399.35

IF 143 Class 345

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		05+23	5W09			12.03	12.03
Shenfield	05+47	05.59	2W09			20.16	32.19
Liverpool St	06.45	06.57	2C00			13.53	45.72
Gidea Park	07.25	07+27	5C00			0.53	46.25
Gidea Pk Mid Sdg	07+29	07+42	5C23			0.53	46.78
Gidea Park	07+44	07.45	2C23			13.53	60.31
Liverpool St	08.14	08+23	5W02			20.50	80.81
Shenfield CS	09+10	10+08	5Z13			17.65	98.46
Bow Jn	10+47	11+00	5Z14			17.65	116.11
Shenfield CS	11+40	11+57	5Z15			17.65	133.76
Bow Jn	12+37	12+54	5Z16			11.21	144.97
Gidea Pk Mid Sdg	13+25	14+21	5Z17			14.06	159.03
Liverpool St	14+53	15+06	5Z18			20.50	179.53
Shenfield CS	15+50	16.18	3C60			20.50	200.03
Liverpool St	17.00	17.10	2C60			13.53	213.56
Gidea Park	17.38	17+40	5C60			0.53	214.09
Gidea Pk Mid Sdg	17+42	17+49	5C61			0.53	214.62
Gidea Park	17+51	17.52	2C61			13.53	228.15
Liverpool St	18.21	18.28	2W58			20.16	248.31
Shenfield	19.11	19.24	2W73			20.16	268.47
Liverpool St	20.07	20.20	2W84			20.16	288.63
Shenfield	21.03	21.14	2W95			20.16	308.79
Liverpool St	21.57	22.10	2W06			20.16	328.95
Shenfield	22.53	23+04	5V77			12.03	340.98
Ilford EMUD	23+35						
						Loaded	195.58
						Empty	145.40
						Total	340.98

MTR Crossrail Electric Multiple Unit Diagrams
 Sunday 10 December 2017 to Sunday 4 February 2018

IF 144 Class 345

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		06+00	3C13			12.33	12.33
Shenfield CS	06+28	06+45	5C13			6.90	19.23
Gidea Park	06+58	06.59	2C13			13.53	32.76
Liverpool St	07.30	07.37	2C08			13.53	46.29
Gidea Park	08.05	08+06	5C08			0.53	46.82
Gidea Pk Mid Sdg	08+08	08+16	5C31			0.53	47.35
Gidea Park	08+18	08.19	2C31			13.53	60.88
Liverpool St	08.49	09.00	2W40			20.16	81.04
Shenfield	09.43	09.54	2W59			20.16	101.20
Liverpool St	10.37	10.50	2W62			20.16	121.36
Shenfield	11.33	11.44	2W81			20.16	141.52
Liverpool St	12.27	12.40	2W84			20.16	161.68
Shenfield	13.23	13.34	2W03			20.16	181.84
Liverpool St	14.17	14.30	2W06			20.16	202.00
Shenfield	15.13	15.24	2W25			20.16	222.16
Liverpool St	16.07	16.22	2W28			20.16	242.32
Shenfield	17.07	17.14	2W47			20.16	262.48
Liverpool St	17.53	18.04	2W52			20.16	282.64
Shenfield	18.47	18.54	2W67			20.16	302.80
Liverpool St	19.37	19.52	2W78			20.16	322.96
Shenfield	20.35	20.44	2W89			20.16	343.12
Liverpool St	21.27	21.40	2W00			20.16	363.28
Shenfield	22.23	22+34	5V91			12.03	375.31
Ilford EMUD		23+04					
						Loaded	355.32
						Empty	19.99
						Total	375.31

IF 160 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		07+06	3C25		161(1)\160(2)	12.03	12.03
Shenfield	07+36	07+45	5C25		160(1)\161(2)	6.69	18.72
Gidea Park	07+57	07.58	2C25		160(1)\161(2)	13.53	32.25
Liverpool St	08.27	08.37	2C20		161(1)\160(2)	13.53	45.78
Gidea Park	09.04	09+05	5W04		161(1)\160(2)	6.90	52.68
Shenfield CS	09+19	17+18	5W54		160(1)\161(2)	20.50	73.18
Liverpool St	18+02	18.12	2W54		161(1)\160(2)	20.16	93.34
Shenfield	18.55	19.04	2W69		160(1)\161(2)	20.16	113.50
Liverpool St	19.47	20.00	2W80		161(1)\160(2)	20.16	133.66
Shenfield	20.43	20.54	2W91		160(1)\161(2)	20.16	153.82
Liverpool St	21.37	21.50	2W02		161(1)\160(2)	20.16	173.98
Shenfield	22.33	22.44	2W09		160(1)\161(2)	20.16	194.14
Liverpool St	23.27	23.50	2W20		161(1)\160(2)	20.16	214.30
Shenfield	00.33						
						Loaded	180.21
						Empty	34.09
						Total	214.30

MTR Crossrail Electric Multiple Unit Diagrams
 Sunday 10 December 2017 to Sunday 4 February 2018

IF 161 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		07+06	3C25		161 (1)\160 (2)	12.03	12.03
Shenfield	07+36	07+45	5C25		160 (1)\161 (2)	6.69	18.72
Gidea Park	07+57	07.58	2C25		160 (1)\161 (2)	13.53	32.25
Liverpool St	08.27	08.37	2C20		161 (1)\160 (2)	13.53	45.78
Gidea Park	09.04	09+05	5W04		161 (1)\160 (2)	6.90	52.68
Shenfield CS	09+19	17+18	5W54		160 (1)\161 (2)	20.50	73.18
Liverpool St	18+02	18.12	2W54		161 (1)\160 (2)	20.16	93.34
Shenfield	18.55	19.04	2W69		160 (1)\161 (2)	20.16	113.50
Liverpool St	19.47	20.00	2W80		161 (1)\160 (2)	20.16	133.66
Shenfield	20.43	20.54	2W91		160 (1)\161 (2)	20.16	153.82
Liverpool St	21.37	21.50	2W02		161 (1)\160 (2)	20.16	173.98
Shenfield	22.33	22.44	2W09		160 (1)\161 (2)	20.16	194.14
Liverpool St	23.27	23.50	2W20		161 (1)\160 (2)	20.16	214.30
Shenfield	00.33						
						Loaded	180.21
						Empty	34.09
						Total	214.30

IF 162 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		06+10	5W17		163 (1)\162 (2)	12.03	12.03
Shenfield	06+32	06.44	2W17		162 (1)\163 (2)	20.16	32.19
Liverpool St	07.23	07.30	2W22		163 (1)\162 (2)	20.16	52.35
Shenfield	08.13	08.22	2W41		162 (1)\163 (2)	20.16	72.51
Liverpool St	09.02	09+13	5V68		163 (1)\162 (2)	8.00	80.51
Ilford EMUD	09+39	17+06	3C66		162 (1)\163 (2)	8.00	88.51
Liverpool St	17+32	17.42	2C66		163 (1)\162 (2)	13.53	102.04
Gidea Park	18.10	18+11	5C66		163 (1)\162 (2)	0.53	102.57
Gidea Pk Mid Sdg	18+13	18+19	5C67		162 (1)\163 (2)	0.53	103.10
Gidea Park	18+21	18.22	2C67		162 (1)\163 (2)	13.53	116.63
Liverpool St	18.50	18.57	2W64		163 (1)\162 (2)	20.16	136.79
Shenfield	19.40	19+41	5W64		163 (1)\162 (2)	0.30	137.09
Shenfield CS	19+43						
						Loaded	115.70
						Empty	21.39
						Total	137.09

IF 163 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		06+10	5W17		163 (1)\162 (2)	12.03	12.03
Shenfield	06+32	06.44	2W17		162 (1)\163 (2)	20.16	32.19
Liverpool St	07.23	07.30	2W22		163 (1)\162 (2)	20.16	52.35
Shenfield	08.13	08.22	2W41		162 (1)\163 (2)	20.16	72.51
Liverpool St	09.02	09+13	5V68		163 (1)\162 (2)	8.00	80.51
Ilford EMUD	09+39	17+06	3C66		162 (1)\163 (2)	8.00	88.51
Liverpool St	17+32	17.42	2C66		163 (1)\162 (2)	13.53	102.04
Gidea Park	18.10	18+11	5C66		163 (1)\162 (2)	0.53	102.57
Gidea Pk Mid Sdg	18+13	18+19	5C67		162 (1)\163 (2)	0.53	103.10
Gidea Park	18+21	18.22	2C67		162 (1)\163 (2)	13.53	116.63
Liverpool St	18.50	18.57	2W64		163 (1)\162 (2)	20.16	136.79
Shenfield	19.40	19+41	5W64		163 (1)\162 (2)	0.30	137.09
Shenfield CS	19+43						
						Loaded	115.70
						Empty	21.39
						Total	137.09

MTR Crossrail Electric Multiple Unit Diagrams
 Sunday 10 December 2017 to Sunday 4 February 2018

IF 164 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		06+30	5W23		165(1)\164(2)	12.03	12.03
Shenfield	06+57	07.10	2W23		164(1)\165(2)	20.16	32.19
Liverpool St	07.51	08.00	2W28		165(1)\164(2)	20.16	52.35
Shenfield	08.45	08.52	2W47		164(1)\165(2)	20.16	72.51
Liverpool St	09.32	09+46	5C46		165(1)\164(2)	10.30	82.81
Chadwell Hth Mid Sdg	10+07	10+15	5V75		164(1)\165(2)	2.24	85.05
Ilford EMUD	10+29	15+17	5C00		165(1)\164(2)	2.24	87.29
Chadwell Hth Mid Sdg	15+27	15.38	3C50		164(1)\165(2)	10.30	97.59
Liverpool St	16.03	16.15	2C50		165(1)\164(2)	13.53	111.12
Gidea Park	16.45	16+50	5C50		165(1)\164(2)	0.53	111.65
Gidea Pk Mid Sdg	16+52	16+59	5C51		164(1)\165(2)	0.53	112.18
Gidea Park	17+01	17.02	2C51		164(1)\165(2)	13.53	125.71
Liverpool St	17.30	17.39	2W44		165(1)\164(2)	20.16	145.87
Shenfield	18.21	18+28	3C71		164(1)\165(2)	6.69	152.56
Gidea Park	18+38	18.42	2C71		164(1)\165(2)	13.53	166.09
Liverpool St	19.10	19.22	2W72		165(1)\164(2)	20.16	186.25
Shenfield	20.07	20.24	2W85		164(1)\165(2)	20.16	206.41
Liverpool St	21.07	21.20	2W96		165(1)\164(2)	20.16	226.57
Shenfield	22.03	22.14	2W05		164(1)\165(2)	20.16	246.73
Liverpool St	22.57	23.20	2W16		165(1)\164(2)	20.16	266.89
Shenfield	00.03	00+10	5V93		164(1)\165(2)	12.03	278.92
Ilford EMUD	00+35						
						Loaded	239.02
						Empty	39.90
						Total	278.92

IF 165 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		06+30	5W23		165(1)\164(2)	12.03	12.03
Shenfield	06+57	07.10	2W23		164(1)\165(2)	20.16	32.19
Liverpool St	07.51	08.00	2W28		165(1)\164(2)	20.16	52.35
Shenfield	08.45	08.52	2W47		164(1)\165(2)	20.16	72.51
Liverpool St	09.32	09+46	5C46		165(1)\164(2)	10.30	82.81
Chadwell Hth Mid Sdg	10+07	10+15	5V75		164(1)\165(2)	2.24	85.05
Ilford EMUD	10+29	15+17	5C00		165(1)\164(2)	2.24	87.29
Chadwell Hth Mid Sdg	15+27	15.38	3C50		164(1)\165(2)	10.30	97.59
Liverpool St	16.03	16.15	2C50		165(1)\164(2)	13.53	111.12
Gidea Park	16.45	16+50	5C50		165(1)\164(2)	0.53	111.65
Gidea Pk Mid Sdg	16+52	16+59	5C51		164(1)\165(2)	0.53	112.18
Gidea Park	17+01	17.02	2C51		164(1)\165(2)	13.53	125.71
Liverpool St	17.30	17.39	2W44		165(1)\164(2)	20.16	145.87
Shenfield	18.21	18+28	3C71		164(1)\165(2)	6.69	152.56
Gidea Park	18+38	18.42	2C71		164(1)\165(2)	13.53	166.09
Liverpool St	19.10	19.22	2W72		165(1)\164(2)	20.16	186.25
Shenfield	20.07	20.24	2W85		164(1)\165(2)	20.16	206.41
Liverpool St	21.07	21.20	2W96		165(1)\164(2)	20.16	226.57
Shenfield	22.03	22.14	2W05		164(1)\165(2)	20.16	246.73
Liverpool St	22.57	23.20	2W16		165(1)\164(2)	20.16	266.89
Shenfield	00.03	00+10	5V93		164(1)\165(2)	12.03	278.92
Ilford EMUD	00+35						
						Loaded	239.02
						Empty	39.90
						Total	278.92

MTR Crossrail Electric Multiple Unit Diagrams
 Sunday 10 December 2017 to Sunday 4 February 2018

IF 166 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield CS		05+49	5C05		166(1)\167(2)	6.90	6.90
Gidea Park	06+00	06.04	2C05		166(1)\167(2)	13.53	20.43
Liverpool St	06.35	06.50	2W14		167(1)\166(2)	20.16	40.59
Shenfield	07.33	07.42	2W31		166(1)\167(2)	20.16	60.75
Liverpool St	08.23	08.30	2W34		167(1)\166(2)	20.16	80.91
Shenfield	09.13	09.24	2W53		166(1)\167(2)	20.16	101.07
Liverpool St	10.07	10.20	2W56		167(1)\166(2)	20.16	121.23
Shenfield	11.03	11.14	2W75		166(1)\167(2)	20.16	141.39
Liverpool St	11.57	12.10	2W78		167(1)\166(2)	20.16	161.55
Shenfield	12.53	13.04	2W97		166(1)\167(2)	20.16	181.71
Liverpool St	13.47	14.00	2W00		167(1)\166(2)	20.16	201.87
Shenfield	14.43	14.54	2W19		166(1)\167(2)	20.16	222.03
Liverpool St	15.37	15.50	2W22		167(1)\166(2)	20.16	242.19
Shenfield	16.33	16.44	2W41		166(1)\167(2)	20.16	262.35
Liverpool St	17.27	17.36	2W42		167(1)\166(2)	20.16	282.51
Shenfield	18.17	18.24	2W61		166(1)\167(2)	20.16	302.67
Liverpool St	19.05	19.15	2W70		167(1)\166(2)	20.16	322.83
Shenfield	19.58	20.14	2W83		166(1)\167(2)	20.16	342.99
Liverpool St	20.57	21.10	2W94		167(1)\166(2)	20.16	363.15
Shenfield	21.53	22+04	5C97		166(1)\167(2)	13.70	376.85
Aldersbrook Sig L337/354	22+29	22+35	5C97		167(1)\166(2)	0.25	377.10
Aldersbrook CS	22+37						
						Loaded	356.25
						Empty	20.85
						Total	377.10

IF 167 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield CS		05+49	5C05		166(1)\167(2)	6.90	6.90
Gidea Park	06+00	06.04	2C05		166(1)\167(2)	13.53	20.43
Liverpool St	06.35	06.50	2W14		167(1)\166(2)	20.16	40.59
Shenfield	07.33	07.42	2W31		166(1)\167(2)	20.16	60.75
Liverpool St	08.23	08.30	2W34		167(1)\166(2)	20.16	80.91
Shenfield	09.13	09.24	2W53		166(1)\167(2)	20.16	101.07
Liverpool St	10.07	10.20	2W56		167(1)\166(2)	20.16	121.23
Shenfield	11.03	11.14	2W75		166(1)\167(2)	20.16	141.39
Liverpool St	11.57	12.10	2W78		167(1)\166(2)	20.16	161.55
Shenfield	12.53	13.04	2W97		166(1)\167(2)	20.16	181.71
Liverpool St	13.47	14.00	2W00		167(1)\166(2)	20.16	201.87
Shenfield	14.43	14.54	2W19		166(1)\167(2)	20.16	222.03
Liverpool St	15.37	15.50	2W22		167(1)\166(2)	20.16	242.19
Shenfield	16.33	16.44	2W41		166(1)\167(2)	20.16	262.35
Liverpool St	17.27	17.36	2W42		167(1)\166(2)	20.16	282.51
Shenfield	18.17	18.24	2W61		166(1)\167(2)	20.16	302.67
Liverpool St	19.05	19.15	2W70		167(1)\166(2)	20.16	322.83
Shenfield	19.58	20.14	2W83		166(1)\167(2)	20.16	342.99
Liverpool St	20.57	21.10	2W94		167(1)\166(2)	20.16	363.15
Shenfield	21.53	22+04	5C97		166(1)\167(2)	13.70	376.85
Aldersbrook Sig L337/354	22+29	22+35	5C97		167(1)\166(2)	0.25	377.10
Aldersbrook CS	22+37						
						Loaded	356.25
						Empty	20.85
						Total	377.10

MTR Crossrail Electric Multiple Unit Diagrams
 Sunday 10 December 2017 to Sunday 4 February 2018

IF 168 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Aldersbrook CS		05.28	3W13		168(1)\169(2)	3.60	3.60
Maryland	05.37	05+46	5W13		169(1)\168(2)	15.70	19.30
Shenfield	06+10	06.24	2W13		168(1)\169(2)	20.16	39.46
Liverpool St	07.03	07.10	2W18		169(1)\168(2)	20.16	59.62
Shenfield	07.53	08.02	2W37		168(1)\169(2)	20.16	79.78
Liverpool St	08.45	08+56	5V62		169(1)\168(2)	8.00	87.78
Ilford EMUD	09+21	16+05	5W32		168(1)\169(2)	8.00	95.78
Liverpool St	16+32	16.47	2W32		169(1)\168(2)	20.16	115.94
Shenfield	17.27	17.34	2W51		168(1)\169(2)	20.16	136.10
Liverpool St	18.15	18.24	2C76		169(1)\168(2)	13.53	149.63
Gidea Park	18.52	18+54	5C76		169(1)\168(2)	0.53	150.16
Gidea Pk Mid Sdg	18+56	19+07	5V81		168(1)\169(2)	5.93	156.09
Ilford EMUD	19+30						
						Loaded	117.93
						Empty	38.16
						Total	156.09

IF 169 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Aldersbrook CS		05.28	3W13		168(1)\169(2)	3.60	3.60
Maryland	05.37	05+46	5W13		169(1)\168(2)	15.70	19.30
Shenfield	06+10	06.24	2W13		168(1)\169(2)	20.16	39.46
Liverpool St	07.03	07.10	2W18		169(1)\168(2)	20.16	59.62
Shenfield	07.53	08.02	2W37		168(1)\169(2)	20.16	79.78
Liverpool St	08.45	08+56	5V62		169(1)\168(2)	8.00	87.78
Ilford EMUD	09+21	16+05	5W32		168(1)\169(2)	8.00	95.78
Liverpool St	16+32	16.47	2W32		169(1)\168(2)	20.16	115.94
Shenfield	17.27	17.34	2W51		168(1)\169(2)	20.16	136.10
Liverpool St	18.15	18.24	2C76		169(1)\168(2)	13.53	149.63
Gidea Park	18.52	18+54	5C76		169(1)\168(2)	0.53	150.16
Gidea Pk Mid Sdg	18+56	19+07	5V81		168(1)\169(2)	5.93	156.09
Ilford EMUD	19+30						
						Loaded	117.93
						Empty	38.16
						Total	156.09

MTR Crossrail Electric Multiple Unit Diagrams
 Sunday 10 December 2017 to Sunday 4 February 2018

IF 170 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		06+20	3C11		171 (1)\170 (2)	5.93	5.93
Gidea Pk Mid Sdg	06+39	06+46	5C11		170 (1)\171 (2)	0.53	6.46
Gidea Park	06+48	06.49	2C11		170 (1)\171 (2)	13.53	19.99
Liverpool St	07.20	07.27	2C06		171 (1)\170 (2)	13.53	33.52
Gidea Park	07.55	07+56	3C35		171 (1)\170 (2)	6.90	40.42
Shenfield CS	08+10	08+23	5C35		170 (1)\171 (2)	6.90	47.32
Gidea Park	08+36	08.37	2C35		170 (1)\171 (2)	13.53	60.85
Liverpool St	09.09	09.20	2W44		171 (1)\170 (2)	20.16	81.01
Shenfield	10.03	10.14	2W63		170 (1)\171 (2)	20.16	101.17
Liverpool St	10.57	11.10	2W66		171 (1)\170 (2)	20.16	121.33
Shenfield	11.53	12.04	2W85		170 (1)\171 (2)	20.16	141.49
Liverpool St	12.47	13.00	2W88		171 (1)\170 (2)	20.16	161.65
Shenfield	13.43	13.54	2W07		170 (1)\171 (2)	20.16	181.81
Liverpool St	14.37	14.50	2W10		171 (1)\170 (2)	20.16	201.97
Shenfield	15.33	15.44	2W29		170 (1)\171 (2)	20.16	222.13
Liverpool St	16.28	16.40	2C54		171 (1)\170 (2)	13.53	235.66
Gidea Park	17.08	17+10	5C54		171 (1)\170 (2)	0.53	236.19
Gidea Pk Mid Sdg	17+12	17+19	5C55		170 (1)\171 (2)	0.53	236.72
Gidea Park	17+21	17.22	2C55		170 (1)\171 (2)	13.53	250.25
Liverpool St	17.50	18.00	2C70		171 (1)\170 (2)	13.53	263.78
Gidea Park	18.28	18+30	5W08		171 (1)\170 (2)	6.90	270.68
Shenfield CS	18+46	19+29	5V85		170 (1)\171 (2)	12.33	283.01
Ilford EMUD	19+59						
						Loaded	255.29
						Empty	27.72
						Total	283.01

IF 171 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		06+20	3C11		171 (1)\170 (2)	5.93	5.93
Gidea Pk Mid Sdg	06+39	06+46	5C11		170 (1)\171 (2)	0.53	6.46
Gidea Park	06+48	06.49	2C11		170 (1)\171 (2)	13.53	19.99
Liverpool St	07.20	07.27	2C06		171 (1)\170 (2)	13.53	33.52
Gidea Park	07.55	07+56	3C35		171 (1)\170 (2)	6.90	40.42
Shenfield CS	08+10	08+23	5C35		170 (1)\171 (2)	6.90	47.32
Gidea Park	08+36	08.37	2C35		170 (1)\171 (2)	13.53	60.85
Liverpool St	09.09	09.20	2W44		171 (1)\170 (2)	20.16	81.01
Shenfield	10.03	10.14	2W63		170 (1)\171 (2)	20.16	101.17
Liverpool St	10.57	11.10	2W66		171 (1)\170 (2)	20.16	121.33
Shenfield	11.53	12.04	2W85		170 (1)\171 (2)	20.16	141.49
Liverpool St	12.47	13.00	2W88		171 (1)\170 (2)	20.16	161.65
Shenfield	13.43	13.54	2W07		170 (1)\171 (2)	20.16	181.81
Liverpool St	14.37	14.50	2W10		171 (1)\170 (2)	20.16	201.97
Shenfield	15.33	15.44	2W29		170 (1)\171 (2)	20.16	222.13
Liverpool St	16.28	16.40	2C54		171 (1)\170 (2)	13.53	235.66
Gidea Park	17.08	17+10	5C54		171 (1)\170 (2)	0.53	236.19
Gidea Pk Mid Sdg	17+12	17+19	5C55		170 (1)\171 (2)	0.53	236.72
Gidea Park	17+21	17.22	2C55		170 (1)\171 (2)	13.53	250.25
Liverpool St	17.50	18.00	2C70		171 (1)\170 (2)	13.53	263.78
Gidea Park	18.28	18+30	5W08		171 (1)\170 (2)	6.90	270.68
Shenfield CS	18+46	19+29	5V85		170 (1)\171 (2)	12.33	283.01
Ilford EMUD	19+59						
						Loaded	255.29
						Empty	27.72
						Total	283.01

MTR Crossrail Electric Multiple Unit Diagrams
 Sunday 10 December 2017 to Sunday 4 February 2018

IF 172 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		06.40	3C15		173(1)\172(2)	5.93	5.93
Gidea Pk Mid Sdg	06.55	07+06	5C15		172(1)\173(2)	0.53	6.46
Gidea Park	07+08	07.09	2C15		172(1)\173(2)	13.53	19.99
Liverpool St	07.40	07.47	2C10		173(1)\172(2)	13.53	33.52
Gidea Park	08.15	08+17	5C10		173(1)\172(2)	0.53	34.05
Gidea Pk Mid Sdg	08+19	08+26	5C33		172(1)\173(2)	0.53	34.58
Gidea Park	08+28	08.29	2C33		172(1)\173(2)	13.53	48.11
Liverpool St	08.59	09.10	2W42		173(1)\172(2)	20.16	68.27
Shenfield	09.53	10.04	2W61		172(1)\173(2)	20.16	88.43
Liverpool St	10.47	11.00	2W64		173(1)\172(2)	20.16	108.59
Shenfield	11.43	11.54	2W83		172(1)\173(2)	20.16	128.75
Liverpool St	12.37	12.50	2W86		173(1)\172(2)	20.16	148.91
Shenfield	13.33	13.44	2W05		172(1)\173(2)	20.16	169.07
Liverpool St	14.27	14.40	2W08		173(1)\172(2)	20.16	189.23
Shenfield	15.23	15.34	2W27		172(1)\173(2)	20.16	209.39
Liverpool St	16.17	16.29	2C52		173(1)\172(2)	13.53	222.92
Gidea Park	16.59	17+00	5C52		173(1)\172(2)	0.53	223.45
Gidea Pk Mid Sdg	17+02	17+09	5C53		172(1)\173(2)	0.53	223.98
Gidea Park	17+11	17.12	2C53		172(1)\173(2)	13.53	237.51
Liverpool St	17.40	17.49	2W48		173(1)\172(2)	20.16	257.67
Shenfield	18.31	18.44	2W65		172(1)\173(2)	20.16	277.83
Liverpool St	19.27	19.38	2W76		173(1)\172(2)	20.16	297.99
Shenfield	20.21	20.34	2W87		172(1)\173(2)	20.16	318.15
Liverpool St	21.17	21.30	2W98		173(1)\172(2)	20.16	338.31
Shenfield	22.13	22.29	2W07		172(1)\173(2)	20.16	358.47
Liverpool St	23.12	23.35	2W18		173(1)\172(2)	20.16	378.63
Shenfield	00.18	00+25	5C85		172(1)\173(2)	20.16	398.79
Liverpool St		00+53					
						Loaded	375.98
						Empty	22.81
						Total	398.79

MTR Crossrail Electric Multiple Unit Diagrams
 Sunday 10 December 2017 to Sunday 4 February 2018

IF 173 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		06.40	3C15		173(1)\172(2)	5.93	5.93
Gidea Pk Mid Sdg	06.55	07+06	5C15		172(1)\173(2)	0.53	6.46
Gidea Park	07+08	07.09	2C15		172(1)\173(2)	13.53	19.99
Liverpool St	07.40	07.47	2C10		173(1)\172(2)	13.53	33.52
Gidea Park	08.15	08+17	5C10		173(1)\172(2)	0.53	34.05
Gidea Pk Mid Sdg	08+19	08+26	5C33		172(1)\173(2)	0.53	34.58
Gidea Park	08+28	08.29	2C33		172(1)\173(2)	13.53	48.11
Liverpool St	08.59	09.10	2W42		173(1)\172(2)	20.16	68.27
Shenfield	09.53	10.04	2W61		172(1)\173(2)	20.16	88.43
Liverpool St	10.47	11.00	2W64		173(1)\172(2)	20.16	108.59
Shenfield	11.43	11.54	2W83		172(1)\173(2)	20.16	128.75
Liverpool St	12.37	12.50	2W86		173(1)\172(2)	20.16	148.91
Shenfield	13.33	13.44	2W05		172(1)\173(2)	20.16	169.07
Liverpool St	14.27	14.40	2W08		173(1)\172(2)	20.16	189.23
Shenfield	15.23	15.34	2W27		172(1)\173(2)	20.16	209.39
Liverpool St	16.17	16.29	2C52		173(1)\172(2)	13.53	222.92
Gidea Park	16.59	17+00	5C52		173(1)\172(2)	0.53	223.45
Gidea Pk Mid Sdg	17+02	17+09	5C53		172(1)\173(2)	0.53	223.98
Gidea Park	17+11	17.12	2C53		172(1)\173(2)	13.53	237.51
Liverpool St	17.40	17.49	2W48		173(1)\172(2)	20.16	257.67
Shenfield	18.31	18.44	2W65		172(1)\173(2)	20.16	277.83
Liverpool St	19.27	19.38	2W76		173(1)\172(2)	20.16	297.99
Shenfield	20.21	20.34	2W87		172(1)\173(2)	20.16	318.15
Liverpool St	21.17	21.30	2W98		173(1)\172(2)	20.16	338.31
Shenfield	22.13	22.29	2W07		172(1)\173(2)	20.16	358.47
Liverpool St	23.12	23.35	2W18		173(1)\172(2)	20.16	378.63
Shenfield	00.18	00+25	5C85		172(1)\173(2)	20.16	398.79
Liverpool St	00+53						
						Loaded	375.98
						Empty	22.81
						Total	398.79

IF 174 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		04+55	5W05		175(1)\174(2)	12.03	12.03
Shenfield	05+16	05.29	2W05		174(1)\175(2)	20.16	32.19
Liverpool St	06.12	06.20	2W08		175(1)\174(2)	20.16	52.35
Shenfield	07.04	07.19	2W25		174(1)\175(2)	20.16	72.51
Liverpool St	08.00	08.10	2W30		175(1)\174(2)	20.16	92.67
Shenfield	08.55	09.02	2W49		174(1)\175(2)	20.16	112.83
Liverpool St	09.42	09+53	5C48		175(1)\174(2)	10.30	123.13
Chadwell Hth Mid Sdg	10+20	10+27	5C95		174(1)\175(2)	3.40	126.53
Aldersbrook Sig L337/354	10+39	10+45	5C95		175(1)\174(2)	0.25	126.78
Aldersbrook CS	10+47	15+59	5W30		174(1)\175(2)	7.10	133.88
Liverpool St	16+19	16.36	2W30		175(1)\174(2)	20.16	154.04
Shenfield	17.17	17.24	2W49		174(1)\175(2)	20.16	174.20
Liverpool St	18.05	18.17	2C74		175(1)\174(2)	13.53	187.73
Gidea Park	18.45	18+46	5W10		175(1)\174(2)	6.69	194.42
Shenfield	18+58	19+07	5V97		174(1)\175(2)	12.03	206.45
Ilford EMUD	19+39						
						Loaded	154.65
						Empty	51.80
						Total	206.45

MTR Crossrail Electric Multiple Unit Diagrams
 Sunday 10 December 2017 to Sunday 4 February 2018

IF 175 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		04+55	5W05		175(1)\174(2)	12.03	12.03
Shenfield	05+16	05.29	2W05		174(1)\175(2)	20.16	32.19
Liverpool St	06.12	06.20	2W08		175(1)\174(2)	20.16	52.35
Shenfield	07.04	07.19	2W25		174(1)\175(2)	20.16	72.51
Liverpool St	08.00	08.10	2W30		175(1)\174(2)	20.16	92.67
Shenfield	08.55	09.02	2W49		174(1)\175(2)	20.16	112.83
Liverpool St	09.42	09+53	5C48		175(1)\174(2)	10.30	123.13
Chadwell Hth Mid Sdg	10+20	10+27	5C95		174(1)\175(2)	3.40	126.53
Aldersbrook Sig L337/354	10+39	10+45	5C95		175(1)\174(2)	0.25	126.78
Aldersbrook CS	10+47	15+59	5W30		174(1)\175(2)	7.10	133.88
Liverpool St	16+19	16.36	2W30		175(1)\174(2)	20.16	154.04
Shenfield	17.17	17.24	2W49		174(1)\175(2)	20.16	174.20
Liverpool St	18.05	18.17	2C74		175(1)\174(2)	13.53	187.73
Gidea Park	18.45	18+46	5W10		175(1)\174(2)	6.69	194.42
Shenfield	18+58	19+07	5V97		174(1)\175(2)	12.03	206.45
Ilford EMUD	19+39						
						Loaded	154.65
						Empty	51.80
						Total	206.45

IF 176 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield CS		07+46	5W33		176(1)\177(2)	0.30	0.30
Shenfield	07+48	07.49	2W33		176(1)\177(2)	20.16	20.46
Liverpool St	08.30	08.40	2W36		177(1)\176(2)	20.16	40.62
Shenfield	09.23	09.34	2W55		176(1)\177(2)	20.16	60.78
Liverpool St	10.17	10.30	2W58		177(1)\176(2)	20.16	80.94
Shenfield	11.13	11.24	2W77		176(1)\177(2)	20.16	101.10
Liverpool St	12.07	12.20	2W80		177(1)\176(2)	20.16	121.26
Shenfield	13.03	13.14	2W99		176(1)\177(2)	20.16	141.42
Liverpool St	13.57	14.10	2W02		177(1)\176(2)	20.16	161.58
Shenfield	14.53	15.04	2W21		176(1)\177(2)	20.16	181.74
Liverpool St	15.47	16.00	2W24		177(1)\176(2)	20.16	201.90
Shenfield	16.43	16.54	2W43		176(1)\177(2)	20.16	222.06
Liverpool St	17.35	17.46	2W46		177(1)\176(2)	20.16	242.22
Shenfield	18.27	18.34	2W63		176(1)\177(2)	20.16	262.38
Liverpool St	19.18	19.30	2W74		177(1)\176(2)	20.16	282.54
Shenfield	20.13	20+14	5W74		177(1)\176(2)	0.30	282.84
Shenfield CS	20+16	20+38	5V89		176(1)\177(2)	12.33	295.17
Ilford EMUD	21+09						
						Loaded	282.24
						Empty	12.93
						Total	295.17

MTR Crossrail Electric Multiple Unit Diagrams
 Sunday 10 December 2017 to Sunday 4 February 2018

IF 177 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield CS		07+46	5W33		176(1)\177(2)	0.30	0.30
Shenfield	07+48	07.49	2W33		176(1)\177(2)	20.16	20.46
Liverpool St	08.30	08.40	2W36		177(1)\176(2)	20.16	40.62
Shenfield	09.23	09.34	2W55		176(1)\177(2)	20.16	60.78
Liverpool St	10.17	10.30	2W58		177(1)\176(2)	20.16	80.94
Shenfield	11.13	11.24	2W77		176(1)\177(2)	20.16	101.10
Liverpool St	12.07	12.20	2W80		177(1)\176(2)	20.16	121.26
Shenfield	13.03	13.14	2W99		176(1)\177(2)	20.16	141.42
Liverpool St	13.57	14.10	2W02		177(1)\176(2)	20.16	161.58
Shenfield	14.53	15.04	2W21		176(1)\177(2)	20.16	181.74
Liverpool St	15.47	16.00	2W24		177(1)\176(2)	20.16	201.90
Shenfield	16.43	16.54	2W43		176(1)\177(2)	20.16	222.06
Liverpool St	17.35	17.46	2W46		177(1)\176(2)	20.16	242.22
Shenfield	18.27	18.34	2W63		176(1)\177(2)	20.16	262.38
Liverpool St	19.18	19.30	2W74		177(1)\176(2)	20.16	282.54
Shenfield	20.13	20+14	5W74		177(1)\176(2)	0.30	282.84
Shenfield CS	20+16	20+38	5V89		176(1)\177(2)	12.33	295.17
Ilford EMUD	21+09						
						Loaded	282.24
						Empty	12.93
						Total	295.17

IF 178 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield		05.12	2W03		178(1)\179(2)	20.16	20.16
Liverpool St	05.55	06.10	2W06		179(1)\178(2)	20.16	40.32
Shenfield	06.54	07.01	2W21		178(1)\179(2)	20.16	60.48
Liverpool St	07.43	07.50	2W26		179(1)\178(2)	20.16	80.64
Shenfield	08.33	08.42	2W45		178(1)\179(2)	20.16	100.80
Liverpool St	09.22	09+33	5W06		179(1)\178(2)	20.50	121.30
Shenfield CS	10+19	12+00	5W87		178(1)\179(2)	0.30	121.60
Shenfield	12+02	12.14	2W87		178(1)\179(2)	20.16	141.76
Liverpool St	12.57	13.10	2W90		179(1)\178(2)	20.16	161.92
Shenfield	13.53	14.04	2W09		178(1)\179(2)	20.16	182.08
Liverpool St	14.47	15.00	2W12		179(1)\178(2)	20.16	202.24
Shenfield	15.43	15.54	2W31		178(1)\179(2)	20.16	222.40
Liverpool St	16.37	16.50	2C56		179(1)\178(2)	13.53	235.93
Gidea Park	17.18	17+20	5C56		179(1)\178(2)	0.53	236.46
Gidea Pk Mid Sdg	17+22	17+29	5C57		178(1)\179(2)	0.53	236.99
Gidea Park	17+31	17.32	2C57		178(1)\179(2)	13.53	250.52
Liverpool St	18.00	18.08	2C72		179(1)\178(2)	13.53	264.05
Gidea Park	18.36	18+38	5C72		179(1)\178(2)	0.53	264.58
Gidea Pk Mid Sdg	18+40	18+47	5V79		178(1)\179(2)	5.93	270.51
Ilford EMUD	19+10						
						Loaded	242.19
						Empty	28.32
						Total	270.51

MTR Crossrail Electric Multiple Unit Diagrams
 Sunday 10 December 2017 to Sunday 4 February 2018

IF 179 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield		05.12	2W03		178(1)\179(2)	20.16	20.16
Liverpool St	05.55	06.10	2W06		179(1)\178(2)	20.16	40.32
Shenfield	06.54	07.01	2W21		178(1)\179(2)	20.16	60.48
Liverpool St	07.43	07.50	2W26		179(1)\178(2)	20.16	80.64
Shenfield	08.33	08.42	2W45		178(1)\179(2)	20.16	100.80
Liverpool St	09.22	09+33	5W06		179(1)\178(2)	20.50	121.30
Shenfield CS	10+19	12+00	5W87		178(1)\179(2)	0.30	121.60
Shenfield	12+02	12.14	2W87		178(1)\179(2)	20.16	141.76
Liverpool St	12.57	13.10	2W90		179(1)\178(2)	20.16	161.92
Shenfield	13.53	14.04	2W09		178(1)\179(2)	20.16	182.08
Liverpool St	14.47	15.00	2W12		179(1)\178(2)	20.16	202.24
Shenfield	15.43	15.54	2W31		178(1)\179(2)	20.16	222.40
Liverpool St	16.37	16.50	2C56		179(1)\178(2)	13.53	235.93
Gidea Park	17.18	17+20	5C56		179(1)\178(2)	0.53	236.46
Gidea Pk Mid Sdg	17+22	17+29	5C57		178(1)\179(2)	0.53	236.99
Gidea Park	17+31	17.32	2C57		178(1)\179(2)	13.53	250.52
Liverpool St	18.00	18.08	2C72		179(1)\178(2)	13.53	264.05
Gidea Park	18.36	18+38	5C72		179(1)\178(2)	0.53	264.58
Gidea Pk Mid Sdg	18+40	18+47	5V79		178(1)\179(2)	5.93	270.51
Ilford EMUD	19+10						
						Loaded	242.19
						Empty	28.32
						Total	270.51

IF 180 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		07.00	3C19		181(1)\180(2)	5.93	5.93
Gidea Pk Mid Sdg	07.15	07+24	5C19		180(1)\181(2)	0.53	6.46
Gidea Park	07+26	07.27	2C19		180(1)\181(2)	13.53	19.99
Liverpool St	07.56	08.07	2C14		181(1)\180(2)	13.53	33.52
Gidea Park	08.35	08+37	5C14		181(1)\180(2)	0.53	34.05
Gidea Pk Mid Sdg	08+39	08+46	5C37		180(1)\181(2)	0.53	34.58
Gidea Park	08+48	08.49	2C37		180(1)\181(2)	13.53	48.11
Liverpool St	09.19	09.30	2W46		181(1)\180(2)	20.16	68.27
Shenfield	10.13	10.24	2W65		180(1)\181(2)	20.16	88.43
Liverpool St	11.07	11.20	2W68		181(1)\180(2)	20.16	108.59
Shenfield	12.03	12+05	5W68		181(1)\180(2)	0.30	108.89
Shenfield CS	12+07	16.38	3C64		180(1)\181(2)	20.50	129.39
Liverpool St	17.20	17.30	2C64		181(1)\180(2)	13.53	142.92
Gidea Park	17.58	18+00	5C64		181(1)\180(2)	0.53	143.45
Gidea Pk Mid Sdg	18+02	18+09	5C65		180(1)\181(2)	0.53	143.98
Gidea Park	18+11	18.12	2C65		180(1)\181(2)	13.53	157.51
Liverpool St	18.40	18.47	2W62		181(1)\180(2)	20.16	177.67
Shenfield	19.30	19.44	2W77		180(1)\181(2)	20.16	197.83
Liverpool St	20.27	20.40	2W88		181(1)\180(2)	20.16	217.99
Shenfield	21.23	21.34	2W99		180(1)\181(2)	20.16	238.15
Liverpool St	22.17	22.35	2W10		181(1)\180(2)	20.16	258.31
Shenfield	23.18	23.29	2W15		180(1)\181(2)	20.16	278.47
Liverpool St	00.13	00.32	2C30		181(1)\180(2)	13.53	292.00
Gidea Park	01.02	01+03	5C30		181(1)\180(2)	0.53	292.53
Gidea Pk Mid Sdg	01+05						
						Loaded	289.05
						Empty	3.48
						Total	292.53

MTR Crossrail Electric Multiple Unit Diagrams
 Sunday 10 December 2017 to Sunday 4 February 2018

IF 181 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		07.00	3C19		181(1)\180(2)	5.93	5.93
Gidea Pk Mid Sdg	07.15	07+24	5C19		180(1)\181(2)	0.53	6.46
Gidea Park	07+26	07.27	2C19		180(1)\181(2)	13.53	19.99
Liverpool St	07.56	08.07	2C14		181(1)\180(2)	13.53	33.52
Gidea Park	08.35	08+37	5C14		181(1)\180(2)	0.53	34.05
Gidea Pk Mid Sdg	08+39	08+46	5C37		180(1)\181(2)	0.53	34.58
Gidea Park	08+48	08.49	2C37		180(1)\181(2)	13.53	48.11
Liverpool St	09.19	09.30	2W46		181(1)\180(2)	20.16	68.27
Shenfield	10.13	10.24	2W65		180(1)\181(2)	20.16	88.43
Liverpool St	11.07	11.20	2W68		181(1)\180(2)	20.16	108.59
Shenfield	12.03	12+05	5W68		181(1)\180(2)	0.30	108.89
Shenfield CS	12+07	16.38	3C64		180(1)\181(2)	20.50	129.39
Liverpool St	17.20	17.30	2C64		181(1)\180(2)	13.53	142.92
Gidea Park	17.58	18+00	5C64		181(1)\180(2)	0.53	143.45
Gidea Pk Mid Sdg	18+02	18+09	5C65		180(1)\181(2)	0.53	143.98
Gidea Park	18+11	18.12	2C65		180(1)\181(2)	13.53	157.51
Liverpool St	18.40	18.47	2W62		181(1)\180(2)	20.16	177.67
Shenfield	19.30	19.44	2W77		180(1)\181(2)	20.16	197.83
Liverpool St	20.27	20.40	2W88		181(1)\180(2)	20.16	217.99
Shenfield	21.23	21.34	2W99		180(1)\181(2)	20.16	238.15
Liverpool St	22.17	22.35	2W10		181(1)\180(2)	20.16	258.31
Shenfield	23.18	23.29	2W15		180(1)\181(2)	20.16	278.47
Liverpool St	00.13	00.32	2C30		181(1)\180(2)	13.53	292.00
Gidea Park	01.02	01+03	5C30		181(1)\180(2)	0.53	292.53
Gidea Pk Mid Sdg	01+05						
						Loaded	289.05
						Empty	3.48
						Total	292.53

IF 182 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Gidea Pk Mid Sdg		05+08	5C01		182(1)\183(2)	0.53	0.53
Gidea Park	05+10	05.11	2C01		182(1)\183(2)	13.53	14.06
Liverpool St	05.43	06.00	2W04		183(1)\182(2)	20.16	34.22
Shenfield	06.43	06.54	2W19		182(1)\183(2)	20.16	54.38
Liverpool St	07.33	07.40	2W24		183(1)\182(2)	20.16	74.54
Shenfield	08.25	08.32	2W43		182(1)\183(2)	20.16	94.70
Liverpool St	09.12	09+23	5C42		183(1)\182(2)	10.30	105.00
Chadwell Hth Mid Sdg	09+47	10+03	5V73		182(1)\183(2)	2.24	107.24
Ilford EMUD	10+19	16+18	5C04		183(1)\182(2)	2.24	109.48
Chadwell Hth Mid Sdg	16+28	16.46	3C62		182(1)\183(2)	10.30	119.78
Liverpool St	17.09	17.20	2C62		183(1)\182(2)	13.53	133.31
Gidea Park	17.48	17+50	5C62		183(1)\182(2)	0.53	133.84
Gidea Pk Mid Sdg	17+52	17+59	5C63		182(1)\183(2)	0.53	134.37
Gidea Park	18+01	18.02	2C63		182(1)\183(2)	13.53	147.90
Liverpool St	18.30	18.37	2W60		183(1)\182(2)	20.16	168.06
Shenfield	19.20	19.34	2W75		182(1)\183(2)	20.16	188.22
Liverpool St	20.17	20.30	2W86		183(1)\182(2)	20.16	208.38
Shenfield	21.13	21.24	2W97		182(1)\183(2)	20.16	228.54
Liverpool St	22.07	22.20	2W08		183(1)\182(2)	20.16	248.70
Shenfield	23.03	23.14	2W13		182(1)\183(2)	20.16	268.86
Liverpool St	23.58	00.20	2W22		183(1)\182(2)	20.16	289.02
Shenfield	01.03						
						Loaded	272.65
						Empty	16.37
						Total	289.02

MTR Crossrail Electric Multiple Unit Diagrams
 Sunday 10 December 2017 to Sunday 4 February 2018

IF 183 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Gidea Pk Mid Sdg		05+08	5C01		182(1)\183(2)	0.53	0.53
Gidea Park	05+10	05.11	2C01		182(1)\183(2)	13.53	14.06
Liverpool St	05.43	06.00	2W04		183(1)\182(2)	20.16	34.22
Shenfield	06.43	06.54	2W19		182(1)\183(2)	20.16	54.38
Liverpool St	07.33	07.40	2W24		183(1)\182(2)	20.16	74.54
Shenfield	08.25	08.32	2W43		182(1)\183(2)	20.16	94.70
Liverpool St	09.12	09+23	5C42		183(1)\182(2)	10.30	105.00
Chadwell Hth Mid Sdg	09+47	10+03	5V73		182(1)\183(2)	2.24	107.24
Ilford EMUD	10+19	16+18	5C04		183(1)\182(2)	2.24	109.48
Chadwell Hth Mid Sdg	16+28	16.46	3C62		182(1)\183(2)	10.30	119.78
Liverpool St	17.09	17.20	2C62		183(1)\182(2)	13.53	133.31
Gidea Park	17.48	17+50	5C62		183(1)\182(2)	0.53	133.84
Gidea Pk Mid Sdg	17+52	17+59	5C63		182(1)\183(2)	0.53	134.37
Gidea Park	18+01	18.02	2C63		182(1)\183(2)	13.53	147.90
Liverpool St	18.30	18.37	2W60		183(1)\182(2)	20.16	168.06
Shenfield	19.20	19.34	2W75		182(1)\183(2)	20.16	188.22
Liverpool St	20.17	20.30	2W86		183(1)\182(2)	20.16	208.38
Shenfield	21.13	21.24	2W97		182(1)\183(2)	20.16	228.54
Liverpool St	22.07	22.20	2W08		183(1)\182(2)	20.16	248.70
Shenfield	23.03	23.14	2W13		182(1)\183(2)	20.16	268.86
Liverpool St	23.58	00.20	2W22		183(1)\182(2)	20.16	289.02
Shenfield	01.03						
						Loaded	272.65
						Empty	16.37
						Total	289.02

IF 184 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Liverpool St		05.05	3C03		185(1)\184(2)	14.06	14.06
Gidea Pk Mid Sdg	05.25	05+46	5C03		184(1)\185(2)	0.53	14.59
Gidea Park	05+48	05.49	2C03		184(1)\185(2)	13.53	28.12
Liverpool St	06.20	06.30	2W10		185(1)\184(2)	20.16	48.28
Shenfield	07.13	07.28	2W27		184(1)\185(2)	20.16	68.44
Liverpool St	08.09	08.20	2W32		185(1)\184(2)	20.16	88.60
Shenfield	09.05	09.14	2W51		184(1)\185(2)	20.16	108.76
Liverpool St	09.57	10.10	2W54		185(1)\184(2)	20.16	128.92
Shenfield	10.53	11.04	2W73		184(1)\185(2)	20.16	149.08
Liverpool St	11.47	12.00	2W76		185(1)\184(2)	20.16	169.24
Shenfield	12.43	12.54	2W95		184(1)\185(2)	20.16	189.40
Liverpool St	13.37	13.50	2W98		185(1)\184(2)	20.16	209.56
Shenfield	14.33	14.44	2W17		184(1)\185(2)	20.16	229.72
Liverpool St	15.27	15.40	2W20		185(1)\184(2)	20.16	249.88
Shenfield	16.23	16.34	2W39		184(1)\185(2)	20.16	270.04
Liverpool St	17.17	17.27	2W40		185(1)\184(2)	20.16	290.20
Shenfield	18.07	18.14	2W59		184(1)\185(2)	20.16	310.36
Liverpool St	18.53	19.02	2W66		185(1)\184(2)	20.16	330.52
Shenfield	19.44	19.54	2W79		184(1)\185(2)	20.16	350.68
Liverpool St	20.37	20.50	2W90		185(1)\184(2)	20.16	370.84
Shenfield	21.33	21.44	2W01		184(1)\185(2)	20.16	391.00
Liverpool St	22.27	22.50	2W12		185(1)\184(2)	20.16	411.16
Shenfield	23.33	23.44	2W17		184(1)\185(2)	20.16	431.32
Liverpool St	00.28	00.55	2W32		185(1)\184(2)	20.16	451.48
Shenfield	01.38						
						Loaded	450.95
						Empty	0.53
						Total	451.48

MTR Crossrail Electric Multiple Unit Diagrams
 Sunday 10 December 2017 to Sunday 4 February 2018

IF 185 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Liverpool St		05.05	3C03		185(1)\184(2)	14.06	14.06
Gidea Pk Mid Sdg	05.25	05+46	5C03		184(1)\185(2)	0.53	14.59
Gidea Park	05+48	05.49	2C03		184(1)\185(2)	13.53	28.12
Liverpool St	06.20	06.30	2W10		185(1)\184(2)	20.16	48.28
Shenfield	07.13	07.28	2W27		184(1)\185(2)	20.16	68.44
Liverpool St	08.09	08.20	2W32		185(1)\184(2)	20.16	88.60
Shenfield	09.05	09.14	2W51		184(1)\185(2)	20.16	108.76
Liverpool St	09.57	10.10	2W54		185(1)\184(2)	20.16	128.92
Shenfield	10.53	11.04	2W73		184(1)\185(2)	20.16	149.08
Liverpool St	11.47	12.00	2W76		185(1)\184(2)	20.16	169.24
Shenfield	12.43	12.54	2W95		184(1)\185(2)	20.16	189.40
Liverpool St	13.37	13.50	2W98		185(1)\184(2)	20.16	209.56
Shenfield	14.33	14.44	2W17		184(1)\185(2)	20.16	229.72
Liverpool St	15.27	15.40	2W20		185(1)\184(2)	20.16	249.88
Shenfield	16.23	16.34	2W39		184(1)\185(2)	20.16	270.04
Liverpool St	17.17	17.27	2W40		185(1)\184(2)	20.16	290.20
Shenfield	18.07	18.14	2W59		184(1)\185(2)	20.16	310.36
Liverpool St	18.53	19.02	2W66		185(1)\184(2)	20.16	330.52
Shenfield	19.44	19.54	2W79		184(1)\185(2)	20.16	350.68
Liverpool St	20.37	20.50	2W90		185(1)\184(2)	20.16	370.84
Shenfield	21.33	21.44	2W01		184(1)\185(2)	20.16	391.00
Liverpool St	22.27	22.50	2W12		185(1)\184(2)	20.16	411.16
Shenfield	23.33	23.44	2W17		184(1)\185(2)	20.16	431.32
Liverpool St	00.28	00.55	2W32		185(1)\184(2)	20.16	451.48
Shenfield	01.38						
						Loaded	450.95
						Empty	0.53
						Total	451.48

IF 186 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		05.50	3C07		187(1)\186(2)	5.93	5.93
Gidea Pk Mid Sdg	06.04	06+16	5C07		186(1)\187(2)	0.53	6.46
Gidea Park	06+18	06.19	2C07		186(1)\187(2)	13.53	19.99
Liverpool St	06.50	07.00	2W16		187(1)\186(2)	20.16	40.15
Shenfield	07.43	07.56	2W35		186(1)\187(2)	20.16	60.31
Liverpool St	08.38	08.50	2W38		187(1)\186(2)	20.16	80.47
Shenfield	09.33	09.44	2W57		186(1)\187(2)	20.16	100.63
Liverpool St	10.27	10.40	2W60		187(1)\186(2)	20.16	120.79
Shenfield	11.23	11.34	2W79		186(1)\187(2)	20.16	140.95
Liverpool St	12.17	12.30	2W82		187(1)\186(2)	20.16	161.11
Shenfield	13.13	13.24	2W01		186(1)\187(2)	20.16	181.27
Liverpool St	14.07	14.20	2W04		187(1)\186(2)	20.16	201.43
Shenfield	15.03	15.14	2W23		186(1)\187(2)	20.16	221.59
Liverpool St	15.57	16.08	2W26		187(1)\186(2)	20.16	241.75
Shenfield	16.51	17.04	2W45		186(1)\187(2)	20.16	261.91
Liverpool St	17.45	17.56	2W50		187(1)\186(2)	20.16	282.07
Shenfield	18.39	18.51	3C84		186(1)\187(2)	20.16	302.23
Liverpool St	19.29	19.45	2C84		187(1)\186(2)	13.53	315.76
Gidea Park	20.15	20+16	5C84		187(1)\186(2)	0.53	316.29
Gidea Pk Mid Sdg	20+18	20+31	5V87		186(1)\187(2)	5.93	322.22
Ilford EMUD	20+49						
						Loaded	315.23
						Empty	6.99
						Total	322.22

MTR Crossrail Electric Multiple Unit Diagrams
 Sunday 10 December 2017 to Sunday 4 February 2018

IF 187 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		05.50	3C07		187(1)\186(2)	5.93	5.93
Gidea Pk Mid Sdg	06.04	06+16	5C07		186(1)\187(2)	0.53	6.46
Gidea Park	06+18	06.19	2C07		186(1)\187(2)	13.53	19.99
Liverpool St	06.50	07.00	2W16		187(1)\186(2)	20.16	40.15
Shenfield	07.43	07.56	2W35		186(1)\187(2)	20.16	60.31
Liverpool St	08.38	08.50	2W38		187(1)\186(2)	20.16	80.47
Shenfield	09.33	09.44	2W57		186(1)\187(2)	20.16	100.63
Liverpool St	10.27	10.40	2W60		187(1)\186(2)	20.16	120.79
Shenfield	11.23	11.34	2W79		186(1)\187(2)	20.16	140.95
Liverpool St	12.17	12.30	2W82		187(1)\186(2)	20.16	161.11
Shenfield	13.13	13.24	2W01		186(1)\187(2)	20.16	181.27
Liverpool St	14.07	14.20	2W04		187(1)\186(2)	20.16	201.43
Shenfield	15.03	15.14	2W23		186(1)\187(2)	20.16	221.59
Liverpool St	15.57	16.08	2W26		187(1)\186(2)	20.16	241.75
Shenfield	16.51	17.04	2W45		186(1)\187(2)	20.16	261.91
Liverpool St	17.45	17.56	2W50		187(1)\186(2)	20.16	282.07
Shenfield	18.39	18.51	3C84		186(1)\187(2)	20.16	302.23
Liverpool St	19.29	19.45	2C84		187(1)\186(2)	13.53	315.76
Gidea Park	20.15	20+16	5C84		187(1)\186(2)	0.53	316.29
Gidea Pk Mid Sdg	20+18	20+31	5V87		186(1)\187(2)	5.93	322.22
Ilford EMUD	20+49						
						Loaded	315.23
						Empty	6.99
						Total	322.22

IF 188 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		06+50	3C21		189(1)\188(2)	12.03	12.03
Shenfield	07+17	07+24	5C21		188(1)\189(2)	6.69	18.72
Gidea Park	07+35	07.36	2C21		188(1)\189(2)	13.53	32.25
Liverpool St	08.05	08.17	2C16		189(1)\188(2)	13.53	45.78
Gidea Park	08.44	08+45	3C43		188(1)\189(2)	6.69	52.47
Shenfield	08+58	09+05	5C43		189(1)\188(2)	6.69	59.16
Gidea Park	09+16	09.17	2C43		188(1)\189(2)	13.53	72.69
Liverpool St	09.49	10.00	2W52		189(1)\188(2)	20.16	92.85
Shenfield	10.43	10.54	2W71		188(1)\189(2)	20.16	113.01
Liverpool St	11.37	11.50	2W74		189(1)\188(2)	20.16	133.17
Shenfield	12.34	12.44	2W93		188(1)\189(2)	20.16	153.33
Liverpool St	13.27	13.40	2W96		189(1)\188(2)	20.16	173.49
Shenfield	14.23	14.34	2W15		188(1)\189(2)	20.16	193.65
Liverpool St	15.17	15.30	2W18		189(1)\188(2)	20.16	213.81
Shenfield	16.13	16.24	2W37		188(1)\189(2)	20.16	233.97
Liverpool St	17.07	17.17	2W38		189(1)\188(2)	20.16	254.13
Shenfield	17.57	18.04	2W57		188(1)\189(2)	20.16	274.29
Liverpool St	18.43	18.52	2C82		189(1)\188(2)	13.53	287.82
Gidea Park	19.20	19+22	5W16		189(1)\188(2)	6.90	294.72
Shenfield CS	19+39	19+59	5V99		188(1)\189(2)	12.33	307.05
Ilford EMUD	20+29						
						Loaded	274.44
						Empty	32.61
						Total	307.05

MTR Crossrail Electric Multiple Unit Diagrams
 Sunday 10 December 2017 to Sunday 4 February 2018

IF 189 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		06+50	3C21		189(1)\188(2)	12.03	12.03
Shenfield	07+17	07+24	5C21		188(1)\189(2)	6.69	18.72
Gidea Park	07+35	07.36	2C21		188(1)\189(2)	13.53	32.25
Liverpool St	08.05	08.17	2C16		189(1)\188(2)	13.53	45.78
Gidea Park	08.44	08+45	3C43		188(1)\189(2)	6.69	52.47
Shenfield	08+58	09+05	5C43		189(1)\188(2)	6.69	59.16
Gidea Park	09+16	09.17	2C43		188(1)\189(2)	13.53	72.69
Liverpool St	09.49	10.00	2W52		189(1)\188(2)	20.16	92.85
Shenfield	10.43	10.54	2W71		188(1)\189(2)	20.16	113.01
Liverpool St	11.37	11.50	2W74		189(1)\188(2)	20.16	133.17
Shenfield	12.34	12.44	2W93		188(1)\189(2)	20.16	153.33
Liverpool St	13.27	13.40	2W96		189(1)\188(2)	20.16	173.49
Shenfield	14.23	14.34	2W15		188(1)\189(2)	20.16	193.65
Liverpool St	15.17	15.30	2W18		189(1)\188(2)	20.16	213.81
Shenfield	16.13	16.24	2W37		188(1)\189(2)	20.16	233.97
Liverpool St	17.07	17.17	2W38		189(1)\188(2)	20.16	254.13
Shenfield	17.57	18.04	2W57		188(1)\189(2)	20.16	274.29
Liverpool St	18.43	18.52	2C82		189(1)\188(2)	13.53	287.82
Gidea Park	19.20	19+22	5W16		189(1)\188(2)	6.90	294.72
Shenfield CS	19+39	19+59	5V99		188(1)\189(2)	12.33	307.05
Ilford EMUD	20+29						
						Loaded	274.44
						Empty	32.61
						Total	307.05

IF 190 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield		04.44	2W01		190(1)\191(2)	20.16	20.16
Liverpool St	05.27	05.40	2W02		191(1)\190(2)	20.16	40.32
Shenfield	06.23	06.34	2W15		190(1)\191(2)	20.16	60.48
Liverpool St	07.13	07.20	2W20		191(1)\190(2)	20.16	80.64
Shenfield	08.05	08.12	2W39		190(1)\191(2)	20.16	100.80
Liverpool St	08.53	09+03	5V64		191(1)\190(2)	8.00	108.80
Ilford EMUD	09+29	17+16	3C68		190(1)\191(2)	8.00	116.80
Liverpool St	17+42	17.52	2C68		191(1)\190(2)	13.53	130.33
Gidea Park	18.20	18+21	5C68		191(1)\190(2)	0.53	130.86
Gidea Pk Mid Sdg	18+23	18+29	5C69		190(1)\191(2)	0.53	131.39
Gidea Park	18+31	18.32	2C69		190(1)\191(2)	13.53	144.92
Liverpool St	19.00	19.08	2W68		191(1)\190(2)	20.16	165.08
Shenfield	19.51	20.04	2W81		190(1)\191(2)	20.16	185.24
Liverpool St	20.47	21.00	2W92		191(1)\190(2)	20.16	205.40
Shenfield	21.43	21.59	2W03		190(1)\191(2)	20.16	225.56
Liverpool St	22.43	23.05	2W14		191(1)\190(2)	20.16	245.72
Shenfield	23.48	23+49	5W14		191(1)\190(2)	0.30	246.02
Shenfield CS	23+51						
						Loaded	236.66
						Empty	9.36
						Total	246.02

MTR Crossrail Electric Multiple Unit Diagrams
 Sunday 10 December 2017 to Sunday 4 February 2018

IF 191 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield		04.44	2W01		190(1)\191(2)	20.16	20.16
Liverpool St	05.27	05.40	2W02		191(1)\190(2)	20.16	40.32
Shenfield	06.23	06.34	2W15		190(1)\191(2)	20.16	60.48
Liverpool St	07.13	07.20	2W20		191(1)\190(2)	20.16	80.64
Shenfield	08.05	08.12	2W39		190(1)\191(2)	20.16	100.80
Liverpool St	08.53	09+03	5V64		191(1)\190(2)	8.00	108.80
Ilford EMUD	09+29	17+16	3C68		190(1)\191(2)	8.00	116.80
Liverpool St	17+42	17.52	2C68		191(1)\190(2)	13.53	130.33
Gidea Park	18.20	18+21	5C68		191(1)\190(2)	0.53	130.86
Gidea Pk Mid Sdg	18+23	18+29	5C69		190(1)\191(2)	0.53	131.39
Gidea Park	18+31	18.32	2C69		190(1)\191(2)	13.53	144.92
Liverpool St	19.00	19.08	2W68		191(1)\190(2)	20.16	165.08
Shenfield	19.51	20.04	2W81		190(1)\191(2)	20.16	185.24
Liverpool St	20.47	21.00	2W92		191(1)\190(2)	20.16	205.40
Shenfield	21.43	21.59	2W03		190(1)\191(2)	20.16	225.56
Liverpool St	22.43	23.05	2W14		191(1)\190(2)	20.16	245.72
Shenfield	23.48	23+49	5W14		191(1)\190(2)	0.30	246.02
Shenfield CS	23+51						
						Loaded	236.66
						Empty	9.36
						Total	246.02

IF 192 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield		05.44	2W07		192(1)\193(2)	20.16	20.16
Liverpool St	06.27	06.40	2W12		193(1)\192(2)	20.16	40.32
Shenfield	07.23	07.37	2W29		192(1)\193(2)	20.16	60.48
Liverpool St	08.18	08.27	2C18		193(1)\192(2)	13.53	74.01
Gidea Park	08.55	08+57	5C18		193(1)\192(2)	0.53	74.54
Gidea Pk Mid Sdg	08+59	09+06	5C41		192(1)\193(2)	0.53	75.07
Gidea Park	09+08	09.09	2C41		192(1)\193(2)	13.53	88.60
Liverpool St	09.39	09.50	2W50		193(1)\192(2)	20.16	108.76
Shenfield	10.33	10.44	2W69		192(1)\193(2)	20.16	128.92
Liverpool St	11.27	11.40	2W72		193(1)\192(2)	20.16	149.08
Shenfield	12.23	12.34	2W91		192(1)\193(2)	20.16	169.24
Liverpool St	13.17	13.30	2W94		193(1)\192(2)	20.16	189.40
Shenfield	14.13	14.24	2W13		192(1)\193(2)	20.16	209.56
Liverpool St	15.07	15.20	2W16		193(1)\192(2)	20.16	229.72
Shenfield	16.03	16.14	2W35		192(1)\193(2)	20.16	249.88
Liverpool St	16.57	17.07	2W36		193(1)\192(2)	20.16	270.04
Shenfield	17.47	17.54	2W55		192(1)\193(2)	20.16	290.20
Liverpool St	18.33	18.42	2C80		193(1)\192(2)	13.53	303.73
Gidea Park	19.10	19+12	5C80		193(1)\192(2)	0.53	304.26
Gidea Pk Mid Sdg	19+14	19+31	5V83		192(1)\193(2)	5.93	310.19
Ilford EMUD	19+52						
						Loaded	302.67
						Empty	7.52
						Total	310.19

MTR Crossrail Electric Multiple Unit Diagrams
 Sunday 10 December 2017 to Sunday 4 February 2018

IF 193 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield		05.44	2W07		192(1)\193(2)	20.16	20.16
Liverpool St	06.27	06.40	2W12		193(1)\192(2)	20.16	40.32
Shenfield	07.23	07.37	2W29		192(1)\193(2)	20.16	60.48
Liverpool St	08.18	08.27	2C18		193(1)\192(2)	13.53	74.01
Gidea Park	08.55	08+57	5C18		193(1)\192(2)	0.53	74.54
Gidea Pk Mid Sdg	08+59	09+06	5C41		192(1)\193(2)	0.53	75.07
Gidea Park	09+08	09.09	2C41		192(1)\193(2)	13.53	88.60
Liverpool St	09.39	09.50	2W50		193(1)\192(2)	20.16	108.76
Shenfield	10.33	10.44	2W69		192(1)\193(2)	20.16	128.92
Liverpool St	11.27	11.40	2W72		193(1)\192(2)	20.16	149.08
Shenfield	12.23	12.34	2W91		192(1)\193(2)	20.16	169.24
Liverpool St	13.17	13.30	2W94		193(1)\192(2)	20.16	189.40
Shenfield	14.13	14.24	2W13		192(1)\193(2)	20.16	209.56
Liverpool St	15.07	15.20	2W16		193(1)\192(2)	20.16	229.72
Shenfield	16.03	16.14	2W35		192(1)\193(2)	20.16	249.88
Liverpool St	16.57	17.07	2W36		193(1)\192(2)	20.16	270.04
Shenfield	17.47	17.54	2W55		192(1)\193(2)	20.16	290.20
Liverpool St	18.33	18.42	2C80		193(1)\192(2)	13.53	303.73
Gidea Park	19.10	19+12	5C80		193(1)\192(2)	0.53	304.26
Gidea Pk Mid Sdg	19+14	19+31	5V83		192(1)\193(2)	5.93	310.19
Ilford EMUD	19+52						
						Loaded	302.67
						Empty	7.52
						Total	310.19

IF 200 Class 315/0

Days SX
 From 11/12/2017
 To 02/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		11+36	5C75			8.00	8.00
Liverpool St	11+59	12+22	5W92			20.16	28.16
Shenfield	12+49	12+58	5W91			20.16	48.32
Liverpool St	13+29	13+37	5V76			8.00	56.32
Ilford EMUD	13+59						
						Loaded	0.00
						Empty	56.32
						Total	56.32

- End of report -