

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

IF 140 Class 345

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield CS			STABLD				
						Loaded	0.00
						Empty	0.00
						Total	0.00

IF 141 Class 345

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Liverpool St		06.02	2C06			10.00	10.00
Chadwell Heath	06.26	06+28	5C06			0.30	10.30
Chadwell Hth Mid Sdg	06+30	06+37	5C09			0.30	10.60
Chadwell Heath	06+39	06.47	2C09			10.00	20.60
Liverpool St	07.12	07.32	2C18			10.00	30.60
Chadwell Heath	07.56	07+58	5C18			0.30	30.90
Chadwell Hth Mid Sdg	08+00	08+07	5C21			0.30	31.20
Chadwell Heath	08+09	08.17	2C21			10.00	41.20
Liverpool St	08.42	09.02	2C30			10.00	51.20
Chadwell Heath	09.26	09+28	5C30			0.30	51.50
Chadwell Hth Mid Sdg	09+30	09+37	5C33			0.30	51.80
Chadwell Heath	09+39	09.47	2C33			10.00	61.80
Liverpool St	10.12	10.32	2C42			10.00	71.80
Chadwell Heath	10.56	10+58	5C42			0.30	72.10
Chadwell Hth Mid Sdg	11+00	11+07	5C45			0.30	72.40
Chadwell Heath	11+09	11.17	2C45			10.00	82.40
Liverpool St	11.42	12.02	2C54			10.00	92.40
Chadwell Heath	12.26	12+28	5C54			0.30	92.70
Chadwell Hth Mid Sdg	12+30	12+37	5C57			0.30	93.00
Chadwell Heath	12+39	12.47	2C57			10.00	103.00
Liverpool St	13.12	13.32	2C66			10.00	113.00
Chadwell Heath	13.56	13+58	5C66			0.30	113.30
Chadwell Hth Mid Sdg	14+00	14+07	5C69			0.30	113.60
Chadwell Heath	14+09	14.17	2C69			10.00	123.60
Liverpool St	14.42	15.02	2C78			10.00	133.60
Chadwell Heath	15.26	15+28	5C78			0.30	133.90
Chadwell Hth Mid Sdg	15+30	15+37	5C81			0.30	134.20
Chadwell Heath	15+39	15.47	2C81			10.00	144.20
Liverpool St	16.12	16.32	2C90			10.00	154.20
Chadwell Heath	16.56	16+58	5C90			0.30	154.50
Chadwell Hth Mid Sdg	17+00	17+07	5C93			0.30	154.80
Chadwell Heath	17+09	17.17	2C93			10.00	164.80
Liverpool St	17.42	18.02	2C02			10.00	174.80
Chadwell Heath	18.26	18+28	5C02			0.30	175.10
Chadwell Hth Mid Sdg	18+30	18+37	5C05			0.30	175.40
Chadwell Heath	18+39	18.47	2C05			10.00	185.40
Liverpool St	19.12	19.32	2C14			10.00	195.40
Chadwell Heath	19.56	19+58	5C14			0.30	195.70
Chadwell Hth Mid Sdg	20+00	20+07	5C17			0.30	196.00
Chadwell Heath	20+09	20.17	2C17			10.00	206.00
Liverpool St	20.42	21.02	2C26			10.00	216.00
Chadwell Heath	21.26	21+28	5C26			0.30	216.30
Chadwell Hth Mid Sdg	21+30	21+37	5C29			0.30	216.60
Chadwell Heath	21+39	21.47	2C29			10.00	226.60
Liverpool St	22.12	22.32	2C38			10.00	236.60
Chadwell Heath	22.56	22+58	5C38			0.30	236.90
Chadwell Hth Mid Sdg	23+00	23+07	5C41			0.30	237.20
Chadwell Heath	23+09	23.17	2C41			10.00	247.20
Liverpool St	23.42	00.02	2C50			10.00	257.20
Chadwell Heath	00.26	00+28	5C50			0.30	257.50
Chadwell Hth Mid Sdg	00+30	00+37	5V91			2.24	259.74
Ilford EMUD	00+51						
						Loaded	250.00
						Empty	9.74
						Total	259.74

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

IF 142 Class 345

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD			STABLD				
						Loaded	0.00
						Empty	0.00
						Total	0.00

IF 143 Class 345

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD			STABLD				
						Loaded	0.00
						Empty	0.00
						Total	0.00

IF 144 Class 345

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD			STABLD				
						Loaded	0.00
						Empty	0.00
						Total	0.00

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

IF 160 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		05.20	3C01		161(1)\160(2)	2.24	2.24
Chadwell Hth Mid Sdg	05.30	05+37	5C01		160(1)\161(2)	0.30	2.54
Chadwell Heath	05+39	05.47	2C01		160(1)\161(2)	10.00	12.54
Liverpool St	06.12	06.32	2C10		161(1)\160(2)	10.00	22.54
Chadwell Heath	06.56	06+58	5C10		161(1)\160(2)	0.30	22.84
Chadwell Hth Mid Sdg	07+00	07+07	5C13		160(1)\161(2)	0.30	23.14
Chadwell Heath	07+09	07.17	2C13		160(1)\161(2)	10.00	33.14
Liverpool St	07.42	08.02	2C22		161(1)\160(2)	10.00	43.14
Chadwell Heath	08.26	08+28	5C22		161(1)\160(2)	0.30	43.44
Chadwell Hth Mid Sdg	08+30	08+37	5C25		160(1)\161(2)	0.30	43.74
Chadwell Heath	08+39	08.47	2C25		160(1)\161(2)	10.00	53.74
Liverpool St	09.12	09.32	2C34		161(1)\160(2)	10.00	63.74
Chadwell Heath	09.56	09+58	5C34		161(1)\160(2)	0.30	64.04
Chadwell Hth Mid Sdg	10+00	10+07	5C37		160(1)\161(2)	0.30	64.34
Chadwell Heath	10+09	10.17	2C37		160(1)\161(2)	10.00	74.34
Liverpool St	10.42	11.02	2C46		161(1)\160(2)	10.00	84.34
Chadwell Heath	11.26	11+28	5C46		161(1)\160(2)	0.30	84.64
Chadwell Hth Mid Sdg	11+30	11+37	5C49		160(1)\161(2)	0.30	84.94
Chadwell Heath	11+39	11.47	2C49		160(1)\161(2)	10.00	94.94
Liverpool St	12.12	12.32	2C58		161(1)\160(2)	10.00	104.94
Chadwell Heath	12.56	12+58	5C58		161(1)\160(2)	0.30	105.24
Chadwell Hth Mid Sdg	13+00	13+07	5C61		160(1)\161(2)	0.30	105.54
Chadwell Heath	13+09	13.17	2C61		160(1)\161(2)	10.00	115.54
Liverpool St	13.42	14.02	2C70		161(1)\160(2)	10.00	125.54
Chadwell Heath	14.26	14+28	5C70		161(1)\160(2)	0.30	125.84
Chadwell Hth Mid Sdg	14+30	14+37	5C73		160(1)\161(2)	0.30	126.14
Chadwell Heath	14+39	14.47	2C73		160(1)\161(2)	10.00	136.14
Liverpool St	15.12	15.32	2C82		161(1)\160(2)	10.00	146.14
Chadwell Heath	15.56	15+58	5C82		161(1)\160(2)	0.30	146.44
Chadwell Hth Mid Sdg	16+00	16+07	5C85		160(1)\161(2)	0.30	146.74
Chadwell Heath	16+09	16.17	2C85		160(1)\161(2)	10.00	156.74
Liverpool St	16.42	17.02	2C94		161(1)\160(2)	10.00	166.74
Chadwell Heath	17.26	17+28	5C94		161(1)\160(2)	0.30	167.04
Chadwell Hth Mid Sdg	17+30	17+37	5C97		160(1)\161(2)	0.30	167.34
Chadwell Heath	17+39	17.47	2C97		160(1)\161(2)	10.00	177.34
Liverpool St	18.12	18.32	2C06		161(1)\160(2)	10.00	187.34
Chadwell Heath	18.56	18+58	5C06		161(1)\160(2)	0.30	187.64
Chadwell Hth Mid Sdg	19+00	19+07	5C09		160(1)\161(2)	0.30	187.94
Chadwell Heath	19+09	19.17	2C09		160(1)\161(2)	10.00	197.94
Liverpool St	19.42	20.02	2C18		161(1)\160(2)	10.00	207.94
Chadwell Heath	20.26	20+28	5C18		161(1)\160(2)	0.30	208.24
Chadwell Hth Mid Sdg	20+30	20+37	5C21		160(1)\161(2)	0.30	208.54
Chadwell Heath	20+39	20.47	2C21		160(1)\161(2)	10.00	218.54
Liverpool St	21.12	21.32	2C30		161(1)\160(2)	10.00	228.54
Chadwell Heath	21.56	21+58	5C30		161(1)\160(2)	0.30	228.84
Chadwell Hth Mid Sdg	22+00	22+07	5C33		160(1)\161(2)	0.30	229.14
Chadwell Heath	22+09	22.17	2C33		160(1)\161(2)	10.00	239.14
Liverpool St	22.42	23.02	2C42		161(1)\160(2)	10.00	249.14
Chadwell Heath	23.26	23+28	5C42		161(1)\160(2)	0.30	249.44
Chadwell Hth Mid Sdg	23+30	23+37	5C45		160(1)\161(2)	0.30	249.74
Chadwell Heath	23+39	23.47	2C45		160(1)\161(2)	10.00	259.74
Liverpool St	00.12	00.32	2C52		161(1)\160(2)	10.00	269.74
Chadwell Heath	00.56	00+58	5C52		161(1)\160(2)	0.30	270.04
Chadwell Hth Mid Sdg	01+00	01+07	5V93		160(1)\161(2)	2.24	272.28
Ilford EMUD	01+21						
						Loaded	262.24
						Empty	10.04
						Total	272.28

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

IF 161 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		05.20	3C01		161(1)\160(2)	2.24	2.24
Chadwell Hth Mid Sdg	05.30	05+37	5C01		160(1)\161(2)	0.30	2.54
Chadwell Heath	05+39	05.47	2C01		160(1)\161(2)	10.00	12.54
Liverpool St	06.12	06.32	2C10		161(1)\160(2)	10.00	22.54
Chadwell Heath	06.56	06+58	5C10		161(1)\160(2)	0.30	22.84
Chadwell Hth Mid Sdg	07+00	07+07	5C13		160(1)\161(2)	0.30	23.14
Chadwell Heath	07+09	07.17	2C13		160(1)\161(2)	10.00	33.14
Liverpool St	07.42	08.02	2C22		161(1)\160(2)	10.00	43.14
Chadwell Heath	08.26	08+28	5C22		161(1)\160(2)	0.30	43.44
Chadwell Hth Mid Sdg	08+30	08+37	5C25		160(1)\161(2)	0.30	43.74
Chadwell Heath	08+39	08.47	2C25		160(1)\161(2)	10.00	53.74
Liverpool St	09.12	09.32	2C34		161(1)\160(2)	10.00	63.74
Chadwell Heath	09.56	09+58	5C34		161(1)\160(2)	0.30	64.04
Chadwell Hth Mid Sdg	10+00	10+07	5C37		160(1)\161(2)	0.30	64.34
Chadwell Heath	10+09	10.17	2C37		160(1)\161(2)	10.00	74.34
Liverpool St	10.42	11.02	2C46		161(1)\160(2)	10.00	84.34
Chadwell Heath	11.26	11+28	5C46		161(1)\160(2)	0.30	84.64
Chadwell Hth Mid Sdg	11+30	11+37	5C49		160(1)\161(2)	0.30	84.94
Chadwell Heath	11+39	11.47	2C49		160(1)\161(2)	10.00	94.94
Liverpool St	12.12	12.32	2C58		161(1)\160(2)	10.00	104.94
Chadwell Heath	12.56	12+58	5C58		161(1)\160(2)	0.30	105.24
Chadwell Hth Mid Sdg	13+00	13+07	5C61		160(1)\161(2)	0.30	105.54
Chadwell Heath	13+09	13.17	2C61		160(1)\161(2)	10.00	115.54
Liverpool St	13.42	14.02	2C70		161(1)\160(2)	10.00	125.54
Chadwell Heath	14.26	14+28	5C70		161(1)\160(2)	0.30	125.84
Chadwell Hth Mid Sdg	14+30	14+37	5C73		160(1)\161(2)	0.30	126.14
Chadwell Heath	14+39	14.47	2C73		160(1)\161(2)	10.00	136.14
Liverpool St	15.12	15.32	2C82		161(1)\160(2)	10.00	146.14
Chadwell Heath	15.56	15+58	5C82		161(1)\160(2)	0.30	146.44
Chadwell Hth Mid Sdg	16+00	16+07	5C85		160(1)\161(2)	0.30	146.74
Chadwell Heath	16+09	16.17	2C85		160(1)\161(2)	10.00	156.74
Liverpool St	16.42	17.02	2C94		161(1)\160(2)	10.00	166.74
Chadwell Heath	17.26	17+28	5C94		161(1)\160(2)	0.30	167.04
Chadwell Hth Mid Sdg	17+30	17+37	5C97		160(1)\161(2)	0.30	167.34
Chadwell Heath	17+39	17.47	2C97		160(1)\161(2)	10.00	177.34
Liverpool St	18.12	18.32	2C06		161(1)\160(2)	10.00	187.34
Chadwell Heath	18.56	18+58	5C06		161(1)\160(2)	0.30	187.64
Chadwell Hth Mid Sdg	19+00	19+07	5C09		160(1)\161(2)	0.30	187.94
Chadwell Heath	19+09	19.17	2C09		160(1)\161(2)	10.00	197.94
Liverpool St	19.42	20.02	2C18		161(1)\160(2)	10.00	207.94
Chadwell Heath	20.26	20+28	5C18		161(1)\160(2)	0.30	208.24
Chadwell Hth Mid Sdg	20+30	20+37	5C21		160(1)\161(2)	0.30	208.54
Chadwell Heath	20+39	20.47	2C21		160(1)\161(2)	10.00	218.54
Liverpool St	21.12	21.32	2C30		161(1)\160(2)	10.00	228.54
Chadwell Heath	21.56	21+58	5C30		161(1)\160(2)	0.30	228.84
Chadwell Hth Mid Sdg	22+00	22+07	5C33		160(1)\161(2)	0.30	229.14
Chadwell Heath	22+09	22.17	2C33		160(1)\161(2)	10.00	239.14
Liverpool St	22.42	23.02	2C42		161(1)\160(2)	10.00	249.14
Chadwell Heath	23.26	23+28	5C42		161(1)\160(2)	0.30	249.44
Chadwell Hth Mid Sdg	23+30	23+37	5C45		160(1)\161(2)	0.30	249.74
Chadwell Heath	23+39	23.47	2C45		160(1)\161(2)	10.00	259.74
Liverpool St	00.12	00.32	2C52		161(1)\160(2)	10.00	269.74
Chadwell Heath	00.56	00+58	5C52		161(1)\160(2)	0.30	270.04
Chadwell Hth Mid Sdg	01+00	01+07	5V93		160(1)\161(2)	2.24	272.28
Ilford EMUD	01+21						
						Loaded	262.24
						Empty	10.04
						Total	272.28

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

IF 162 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		05.47	3C05		163(1)\162(2)	2.24	2.24
Chadwell Hth Mid Sdg	05.57	06+07	5C05		162(1)\163(2)	0.30	2.54
Chadwell Heath	06+09	06.17	2C05		162(1)\163(2)	10.00	12.54
Liverpool St	06.42	07.02	2C14		163(1)\162(2)	10.00	22.54
Chadwell Heath	07.26	07+28	5C14		163(1)\162(2)	0.30	22.84
Chadwell Hth Mid Sdg	07+30	07+37	5C17		162(1)\163(2)	0.30	23.14
Chadwell Heath	07+39	07.47	2C17		162(1)\163(2)	10.00	33.14
Liverpool St	08.12	08.32	2C26		163(1)\162(2)	10.00	43.14
Chadwell Heath	08.56	08+58	5C26		163(1)\162(2)	0.30	43.44
Chadwell Hth Mid Sdg	09+00	09+07	5C29		162(1)\163(2)	0.30	43.74
Chadwell Heath	09+09	09.17	2C29		162(1)\163(2)	10.00	53.74
Liverpool St	09.42	10.02	2C38		163(1)\162(2)	10.00	63.74
Chadwell Heath	10.26	10+28	5C38		163(1)\162(2)	0.30	64.04
Chadwell Hth Mid Sdg	10+30	10+37	5C41		162(1)\163(2)	0.30	64.34
Chadwell Heath	10+39	10.47	2C41		162(1)\163(2)	10.00	74.34
Liverpool St	11.12	11.32	2C50		163(1)\162(2)	10.00	84.34
Chadwell Heath	11.56	11+58	5C50		163(1)\162(2)	0.30	84.64
Chadwell Hth Mid Sdg	12+00	12+07	5C53		162(1)\163(2)	0.30	84.94
Chadwell Heath	12+09	12.17	2C53		162(1)\163(2)	10.00	94.94
Liverpool St	12.42	13.02	2C62		163(1)\162(2)	10.00	104.94
Chadwell Heath	13.26	13+28	5C62		163(1)\162(2)	0.30	105.24
Chadwell Hth Mid Sdg	13+30	13+37	5C65		162(1)\163(2)	0.30	105.54
Chadwell Heath	13+39	13.47	2C65		162(1)\163(2)	10.00	115.54
Liverpool St	14.12	14.32	2C74		163(1)\162(2)	10.00	125.54
Chadwell Heath	14.56	14+58	5C74		163(1)\162(2)	0.30	125.84
Chadwell Hth Mid Sdg	15+00	15+07	5C77		162(1)\163(2)	0.30	126.14
Chadwell Heath	15+09	15.17	2C77		162(1)\163(2)	10.00	136.14
Liverpool St	15.42	16.02	2C86		163(1)\162(2)	10.00	146.14
Chadwell Heath	16.26	16+28	5C86		163(1)\162(2)	0.30	146.44
Chadwell Hth Mid Sdg	16+30	16+37	5C89		162(1)\163(2)	0.30	146.74
Chadwell Heath	16+39	16.47	2C89		162(1)\163(2)	10.00	156.74
Liverpool St	17.12	17.32	2C98		163(1)\162(2)	10.00	166.74
Chadwell Heath	17.56	17+58	5C98		163(1)\162(2)	0.30	167.04
Chadwell Hth Mid Sdg	18+00	18+07	5C01		162(1)\163(2)	0.30	167.34
Chadwell Heath	18+09	18.17	2C01		162(1)\163(2)	10.00	177.34
Liverpool St	18.42	19.02	2C10		163(1)\162(2)	10.00	187.34
Chadwell Heath	19.26	19+28	5C10		163(1)\162(2)	0.30	187.64
Chadwell Hth Mid Sdg	19+30	19+37	5C13		162(1)\163(2)	0.30	187.94
Chadwell Heath	19+39	19.47	2C13		162(1)\163(2)	10.00	197.94
Liverpool St	20.12	20.32	2C22		163(1)\162(2)	10.00	207.94
Chadwell Heath	20.56	20+58	5C22		163(1)\162(2)	0.30	208.24
Chadwell Hth Mid Sdg	21+00	21+07	5C25		162(1)\163(2)	0.30	208.54
Chadwell Heath	21+09	21.17	2C25		162(1)\163(2)	10.00	218.54
Liverpool St	21.42	22.02	2C34		163(1)\162(2)	10.00	228.54
Chadwell Heath	22.26	22+28	5C34		163(1)\162(2)	0.30	228.84
Chadwell Hth Mid Sdg	22+30	22+37	5C37		162(1)\163(2)	0.30	229.14
Chadwell Heath	22+39	22.47	2C37		162(1)\163(2)	10.00	239.14
Liverpool St	23.12	23.32	2C46		163(1)\162(2)	10.00	249.14
Chadwell Heath	23.56	23+58	5C46		163(1)\162(2)	0.30	249.44
Chadwell Hth Mid Sdg	00+00	00+07	5C01		162(1)\163(2)	10.30	259.74
Liverpool St	00+29						
						Loaded	242.24
						Empty	17.50
						Total	259.74

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

IF 163 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		05.47	3C05		163(1)\162(2)	2.24	2.24
Chadwell Hth Mid Sdg	05.57	06+07	5C05		162(1)\163(2)	0.30	2.54
Chadwell Heath	06+09	06.17	2C05		162(1)\163(2)	10.00	12.54
Liverpool St	06.42	07.02	2C14		163(1)\162(2)	10.00	22.54
Chadwell Heath	07.26	07+28	5C14		163(1)\162(2)	0.30	22.84
Chadwell Hth Mid Sdg	07+30	07+37	5C17		162(1)\163(2)	0.30	23.14
Chadwell Heath	07+39	07.47	2C17		162(1)\163(2)	10.00	33.14
Liverpool St	08.12	08.32	2C26		163(1)\162(2)	10.00	43.14
Chadwell Heath	08.56	08+58	5C26		163(1)\162(2)	0.30	43.44
Chadwell Hth Mid Sdg	09+00	09+07	5C29		162(1)\163(2)	0.30	43.74
Chadwell Heath	09+09	09.17	2C29		162(1)\163(2)	10.00	53.74
Liverpool St	09.42	10.02	2C38		163(1)\162(2)	10.00	63.74
Chadwell Heath	10.26	10+28	5C38		163(1)\162(2)	0.30	64.04
Chadwell Hth Mid Sdg	10+30	10+37	5C41		162(1)\163(2)	0.30	64.34
Chadwell Heath	10+39	10.47	2C41		162(1)\163(2)	10.00	74.34
Liverpool St	11.12	11.32	2C50		163(1)\162(2)	10.00	84.34
Chadwell Heath	11.56	11+58	5C50		163(1)\162(2)	0.30	84.64
Chadwell Hth Mid Sdg	12+00	12+07	5C53		162(1)\163(2)	0.30	84.94
Chadwell Heath	12+09	12.17	2C53		162(1)\163(2)	10.00	94.94
Liverpool St	12.42	13.02	2C62		163(1)\162(2)	10.00	104.94
Chadwell Heath	13.26	13+28	5C62		163(1)\162(2)	0.30	105.24
Chadwell Hth Mid Sdg	13+30	13+37	5C65		162(1)\163(2)	0.30	105.54
Chadwell Heath	13+39	13.47	2C65		162(1)\163(2)	10.00	115.54
Liverpool St	14.12	14.32	2C74		163(1)\162(2)	10.00	125.54
Chadwell Heath	14.56	14+58	5C74		163(1)\162(2)	0.30	125.84
Chadwell Hth Mid Sdg	15+00	15+07	5C77		162(1)\163(2)	0.30	126.14
Chadwell Heath	15+09	15.17	2C77		162(1)\163(2)	10.00	136.14
Liverpool St	15.42	16.02	2C86		163(1)\162(2)	10.00	146.14
Chadwell Heath	16.26	16+28	5C86		163(1)\162(2)	0.30	146.44
Chadwell Hth Mid Sdg	16+30	16+37	5C89		162(1)\163(2)	0.30	146.74
Chadwell Heath	16+39	16.47	2C89		162(1)\163(2)	10.00	156.74
Liverpool St	17.12	17.32	2C98		163(1)\162(2)	10.00	166.74
Chadwell Heath	17.56	17+58	5C98		163(1)\162(2)	0.30	167.04
Chadwell Hth Mid Sdg	18+00	18+07	5C01		162(1)\163(2)	0.30	167.34
Chadwell Heath	18+09	18.17	2C01		162(1)\163(2)	10.00	177.34
Liverpool St	18.42	19.02	2C10		163(1)\162(2)	10.00	187.34
Chadwell Heath	19.26	19+28	5C10		163(1)\162(2)	0.30	187.64
Chadwell Hth Mid Sdg	19+30	19+37	5C13		162(1)\163(2)	0.30	187.94
Chadwell Heath	19+39	19.47	2C13		162(1)\163(2)	10.00	197.94
Liverpool St	20.12	20.32	2C22		163(1)\162(2)	10.00	207.94
Chadwell Heath	20.56	20+58	5C22		163(1)\162(2)	0.30	208.24
Chadwell Hth Mid Sdg	21+00	21+07	5C25		162(1)\163(2)	0.30	208.54
Chadwell Heath	21+09	21.17	2C25		162(1)\163(2)	10.00	218.54
Liverpool St	21.42	22.02	2C34		163(1)\162(2)	10.00	228.54
Chadwell Heath	22.26	22+28	5C34		163(1)\162(2)	0.30	228.84
Chadwell Hth Mid Sdg	22+30	22+37	5C37		162(1)\163(2)	0.30	229.14
Chadwell Heath	22+39	22.47	2C37		162(1)\163(2)	10.00	239.14
Liverpool St	23.12	23.32	2C46		163(1)\162(2)	10.00	249.14
Chadwell Heath	23.56	23+58	5C46		163(1)\162(2)	0.30	249.44
Chadwell Hth Mid Sdg	00+00	00+07	5C01		162(1)\163(2)	10.30	259.74
Liverpool St	00+29						
						Loaded	242.24
						Empty	17.50
						Total	259.74

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

IF 164 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		12+09	3C60		164 (1) \ 165 (2)	8.00	8.00
Liverpool St	12+38	12.47	2C60		165 (1) \ 164 (2)	10.00	18.00
Chadwell Heath	13.11	13+13	5C60		165 (1) \ 164 (2)	0.30	18.30
Chadwell Hth Mid Sdg	13+15	13+22	5C63		164 (1) \ 165 (2)	0.30	18.60
Chadwell Heath	13+24	13.32	2C63		164 (1) \ 165 (2)	10.00	28.60
Liverpool St	13.57	14.17	2C72		165 (1) \ 164 (2)	10.00	38.60
Chadwell Heath	14.41	14+43	5C72		165 (1) \ 164 (2)	0.30	38.90
Chadwell Hth Mid Sdg	14+45	14+52	5C75		164 (1) \ 165 (2)	0.30	39.20
Chadwell Heath	14+54	15.02	2C75		164 (1) \ 165 (2)	10.00	49.20
Liverpool St	15.27	15.47	2C84		165 (1) \ 164 (2)	10.00	59.20
Chadwell Heath	16.11	16+13	5C84		165 (1) \ 164 (2)	0.30	59.50
Chadwell Hth Mid Sdg	16+15	16+22	5C87		164 (1) \ 165 (2)	0.30	59.80
Chadwell Heath	16+24	16.32	2C87		164 (1) \ 165 (2)	10.00	69.80
Liverpool St	16.57	17.17	2C96		165 (1) \ 164 (2)	10.00	79.80
Chadwell Heath	17.41	17+43	5C96		165 (1) \ 164 (2)	0.30	80.10
Chadwell Hth Mid Sdg	17+45	17+52	5C99		164 (1) \ 165 (2)	0.30	80.40
Chadwell Heath	17+54	18.02	2C99		164 (1) \ 165 (2)	10.00	90.40
Liverpool St	18.27	18.47	2C08		165 (1) \ 164 (2)	10.00	100.40
Chadwell Heath	19.11	19+13	5C08		165 (1) \ 164 (2)	0.30	100.70
Chadwell Hth Mid Sdg	19+15	19+22	5C11		164 (1) \ 165 (2)	0.30	101.00
Chadwell Heath	19+24	19.32	2C11		164 (1) \ 165 (2)	10.00	111.00
Liverpool St	19.57	20.17	2C20		165 (1) \ 164 (2)	10.00	121.00
Chadwell Heath	20.41	20+43	5C20		165 (1) \ 164 (2)	0.30	121.30
Chadwell Hth Mid Sdg	20+45	20+52	5C23		164 (1) \ 165 (2)	0.30	121.60
Chadwell Heath	20+54	21.02	2C23		164 (1) \ 165 (2)	10.00	131.60
Liverpool St	21.27	21.47	2C32		165 (1) \ 164 (2)	10.00	141.60
Chadwell Heath	22.11	22+13	5C32		165 (1) \ 164 (2)	0.30	141.90
Chadwell Hth Mid Sdg	22+15	22+22	5C35		164 (1) \ 165 (2)	0.30	142.20
Chadwell Heath	22+24	22.32	2C35		164 (1) \ 165 (2)	10.00	152.20
Liverpool St	22.57	23.17	2C44		165 (1) \ 164 (2)	10.00	162.20
Chadwell Heath	23.41	23+43	5C44		165 (1) \ 164 (2)	0.30	162.50
Chadwell Hth Mid Sdg	23+45	23+52	5C47		164 (1) \ 165 (2)	0.30	162.80
Chadwell Heath	23+54	00.02	2C47		164 (1) \ 165 (2)	10.00	172.80
Liverpool St	00.27	00.55	2W32		165 (1) \ 164 (2)	20.16	192.96
Shenfield	01.38						
						Loaded	188.16
						Empty	4.80
						Total	192.96

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

IF 165 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		12+09	3C60		164 (1) \ 165 (2)	8.00	8.00
Liverpool St	12+38	12.47	2C60		165 (1) \ 164 (2)	10.00	18.00
Chadwell Heath	13.11	13+13	5C60		165 (1) \ 164 (2)	0.30	18.30
Chadwell Hth Mid Sdg	13+15	13+22	5C63		164 (1) \ 165 (2)	0.30	18.60
Chadwell Heath	13+24	13.32	2C63		164 (1) \ 165 (2)	10.00	28.60
Liverpool St	13.57	14.17	2C72		165 (1) \ 164 (2)	10.00	38.60
Chadwell Heath	14.41	14+43	5C72		165 (1) \ 164 (2)	0.30	38.90
Chadwell Hth Mid Sdg	14+45	14+52	5C75		164 (1) \ 165 (2)	0.30	39.20
Chadwell Heath	14+54	15.02	2C75		164 (1) \ 165 (2)	10.00	49.20
Liverpool St	15.27	15.47	2C84		165 (1) \ 164 (2)	10.00	59.20
Chadwell Heath	16.11	16+13	5C84		165 (1) \ 164 (2)	0.30	59.50
Chadwell Hth Mid Sdg	16+15	16+22	5C87		164 (1) \ 165 (2)	0.30	59.80
Chadwell Heath	16+24	16.32	2C87		164 (1) \ 165 (2)	10.00	69.80
Liverpool St	16.57	17.17	2C96		165 (1) \ 164 (2)	10.00	79.80
Chadwell Heath	17.41	17+43	5C96		165 (1) \ 164 (2)	0.30	80.10
Chadwell Hth Mid Sdg	17+45	17+52	5C99		164 (1) \ 165 (2)	0.30	80.40
Chadwell Heath	17+54	18.02	2C99		164 (1) \ 165 (2)	10.00	90.40
Liverpool St	18.27	18.47	2C08		165 (1) \ 164 (2)	10.00	100.40
Chadwell Heath	19.11	19+13	5C08		165 (1) \ 164 (2)	0.30	100.70
Chadwell Hth Mid Sdg	19+15	19+22	5C11		164 (1) \ 165 (2)	0.30	101.00
Chadwell Heath	19+24	19.32	2C11		164 (1) \ 165 (2)	10.00	111.00
Liverpool St	19.57	20.17	2C20		165 (1) \ 164 (2)	10.00	121.00
Chadwell Heath	20.41	20+43	5C20		165 (1) \ 164 (2)	0.30	121.30
Chadwell Hth Mid Sdg	20+45	20+52	5C23		164 (1) \ 165 (2)	0.30	121.60
Chadwell Heath	20+54	21.02	2C23		164 (1) \ 165 (2)	10.00	131.60
Liverpool St	21.27	21.47	2C32		165 (1) \ 164 (2)	10.00	141.60
Chadwell Heath	22.11	22+13	5C32		165 (1) \ 164 (2)	0.30	141.90
Chadwell Hth Mid Sdg	22+15	22+22	5C35		164 (1) \ 165 (2)	0.30	142.20
Chadwell Heath	22+24	22.32	2C35		164 (1) \ 165 (2)	10.00	152.20
Liverpool St	22.57	23.17	2C44		165 (1) \ 164 (2)	10.00	162.20
Chadwell Heath	23.41	23+43	5C44		165 (1) \ 164 (2)	0.30	162.50
Chadwell Hth Mid Sdg	23+45	23+52	5C47		164 (1) \ 165 (2)	0.30	162.80
Chadwell Heath	23+54	00.02	2C47		164 (1) \ 165 (2)	10.00	172.80
Liverpool St	00.27	00.55	2W32		165 (1) \ 164 (2)	20.16	192.96
Shenfield	01.38						
						Loaded	188.16
						Empty	4.80
						Total	192.96

IF 166 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD			STABLD				
						Loaded	0.00
						Empty	0.00
						Total	0.00

IF 167 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD			STABLD				
						Loaded	0.00
						Empty	0.00
						Total	0.00

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

IF 168 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD			STABLD				
						Loaded	0.00
						Empty	0.00
						Total	0.00

IF 169 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD			STABLD				
						Loaded	0.00
						Empty	0.00
						Total	0.00

IF 170 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD			STABLD				
						Loaded	0.00
						Empty	0.00
						Total	0.00

IF 171 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD			STABLD				
						Loaded	0.00
						Empty	0.00
						Total	0.00

IF 172 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Aldersbrook CS			STABLD				
						Loaded	0.00
						Empty	0.00
						Total	0.00

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

IF 173 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

Arrive	Depart	Code	Route	Coupled	Leg	Mileage	
		STABLD					
Aldersbrook CS							
						Loaded	0.00
						Empty	0.00
						Total	0.00

IF 174 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

Arrive	Depart	Code	Route	Coupled	Leg	Mileage	
		STABLD					
Gidea Pk Mid Sdg							
						Loaded	0.00
						Empty	0.00
						Total	0.00

IF 175 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

Arrive	Depart	Code	Route	Coupled	Leg	Mileage	
		STABLD					
Gidea Pk Mid Sdg							
						Loaded	0.00
						Empty	0.00
						Total	0.00

IF 176 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

Arrive	Depart	Code	Route	Coupled	Leg	Mileage	
		STABLD					
Shenfield CS							
						Loaded	0.00
						Empty	0.00
						Total	0.00

IF 177 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

Arrive	Depart	Code	Route	Coupled	Leg	Mileage	
		STABLD					
Shenfield CS							
						Loaded	0.00
						Empty	0.00
						Total	0.00

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

IF 178 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		13+09	3C68		178(1)\179(2)	8.00	8.00
Liverpool St	13+38	13.47	2C68		179(1)\178(2)	10.00	18.00
Chadwell Heath	14.11	14+13	5C68		179(1)\178(2)	0.30	18.30
Chadwell Hth Mid Sdg	14+15	14+22	5C71		178(1)\179(2)	0.30	18.60
Chadwell Heath	14+24	14.32	2C71		178(1)\179(2)	10.00	28.60
Liverpool St	14.57	15.17	2C80		179(1)\178(2)	10.00	38.60
Chadwell Heath	15.41	15+43	5C80		179(1)\178(2)	0.30	38.90
Chadwell Hth Mid Sdg	15+45	15+52	5C83		178(1)\179(2)	0.30	39.20
Chadwell Heath	15+54	16.02	2C83		178(1)\179(2)	10.00	49.20
Liverpool St	16.27	16.47	2C92		179(1)\178(2)	10.00	59.20
Chadwell Heath	17.11	17+13	5C92		179(1)\178(2)	0.30	59.50
Chadwell Hth Mid Sdg	17+15	17+22	5C95		178(1)\179(2)	0.30	59.80
Chadwell Heath	17+24	17.32	2C95		178(1)\179(2)	10.00	69.80
Liverpool St	17.57	18.17	2C04		179(1)\178(2)	10.00	79.80
Chadwell Heath	18.41	18+43	5C04		179(1)\178(2)	0.30	80.10
Chadwell Hth Mid Sdg	18+45	18+52	5C07		178(1)\179(2)	0.30	80.40
Chadwell Heath	18+54	19.02	2C07		178(1)\179(2)	10.00	90.40
Liverpool St	19.27	19.47	2C16		179(1)\178(2)	10.00	100.40
Chadwell Heath	20.11	20+13	5C16		179(1)\178(2)	0.30	100.70
Chadwell Hth Mid Sdg	20+15	20+22	5C19		178(1)\179(2)	0.30	101.00
Chadwell Heath	20+24	20.32	2C19		178(1)\179(2)	10.00	111.00
Liverpool St	20.57	21.17	2C28		179(1)\178(2)	10.00	121.00
Chadwell Heath	21.41	21+43	5C28		179(1)\178(2)	0.30	121.30
Chadwell Hth Mid Sdg	21+45	21+52	5C31		178(1)\179(2)	0.30	121.60
Chadwell Heath	21+54	22.02	2C31		178(1)\179(2)	10.00	131.60
Liverpool St	22.27	22.47	2C40		179(1)\178(2)	10.00	141.60
Chadwell Heath	23.11	23+13	5C40		179(1)\178(2)	0.30	141.90
Chadwell Hth Mid Sdg	23+15	23+22	5C43		178(1)\179(2)	0.30	142.20
Chadwell Heath	23+24	23.32	2C43		178(1)\179(2)	10.00	152.20
Liverpool St	23.57	00.20	2W22		179(1)\178(2)	20.16	172.36
Shenfield	01.03						
						Loaded	168.16
						Empty	4.20
						Total	172.36

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

IF 179 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		13+09	3C68		178(1)\179(2)	8.00	8.00
Liverpool St	13+38	13.47	2C68		179(1)\178(2)	10.00	18.00
Chadwell Heath	14.11	14+13	5C68		179(1)\178(2)	0.30	18.30
Chadwell Hth Mid Sdg	14+15	14+22	5C71		178(1)\179(2)	0.30	18.60
Chadwell Heath	14+24	14.32	2C71		178(1)\179(2)	10.00	28.60
Liverpool St	14.57	15.17	2C80		179(1)\178(2)	10.00	38.60
Chadwell Heath	15.41	15+43	5C80		179(1)\178(2)	0.30	38.90
Chadwell Hth Mid Sdg	15+45	15+52	5C83		178(1)\179(2)	0.30	39.20
Chadwell Heath	15+54	16.02	2C83		178(1)\179(2)	10.00	49.20
Liverpool St	16.27	16.47	2C92		179(1)\178(2)	10.00	59.20
Chadwell Heath	17.11	17+13	5C92		179(1)\178(2)	0.30	59.50
Chadwell Hth Mid Sdg	17+15	17+22	5C95		178(1)\179(2)	0.30	59.80
Chadwell Heath	17+24	17.32	2C95		178(1)\179(2)	10.00	69.80
Liverpool St	17.57	18.17	2C04		179(1)\178(2)	10.00	79.80
Chadwell Heath	18.41	18+43	5C04		179(1)\178(2)	0.30	80.10
Chadwell Hth Mid Sdg	18+45	18+52	5C07		178(1)\179(2)	0.30	80.40
Chadwell Heath	18+54	19.02	2C07		178(1)\179(2)	10.00	90.40
Liverpool St	19.27	19.47	2C16		179(1)\178(2)	10.00	100.40
Chadwell Heath	20.11	20+13	5C16		179(1)\178(2)	0.30	100.70
Chadwell Hth Mid Sdg	20+15	20+22	5C19		178(1)\179(2)	0.30	101.00
Chadwell Heath	20+24	20.32	2C19		178(1)\179(2)	10.00	111.00
Liverpool St	20.57	21.17	2C28		179(1)\178(2)	10.00	121.00
Chadwell Heath	21.41	21+43	5C28		179(1)\178(2)	0.30	121.30
Chadwell Hth Mid Sdg	21+45	21+52	5C31		178(1)\179(2)	0.30	121.60
Chadwell Heath	21+54	22.02	2C31		178(1)\179(2)	10.00	131.60
Liverpool St	22.27	22.47	2C40		179(1)\178(2)	10.00	141.60
Chadwell Heath	23.11	23+13	5C40		179(1)\178(2)	0.30	141.90
Chadwell Hth Mid Sdg	23+15	23+22	5C43		178(1)\179(2)	0.30	142.20
Chadwell Heath	23+24	23.32	2C43		178(1)\179(2)	10.00	152.20
Liverpool St	23.57	00.20	2W22		179(1)\178(2)	20.16	172.36
Shenfield	01.03						
						Loaded	168.16
						Empty	4.20
						Total	172.36

IF 180 Class 315/0

Days SO
 From 16/12/2017
 To 30/12/2017

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD			STABLD				
						Loaded	0.00
						Empty	0.00
						Total	0.00

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

IF 180 Class 315/0

Days SO
 From 06/01/2018
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		05+02	5W00		180(1)\181(2)	8.00	8.00
Liverpool St	05+29	05.40	2W00		181(1)\180(2)	20.16	28.16
Shenfield	06.19	06.40	2W09		180(1)\181(2)	20.16	48.32
Liverpool St	07.16	07.40	2W08		181(1)\180(2)	20.16	68.48
Shenfield	08.19	08.40	2W17		180(1)\181(2)	20.16	88.64
Liverpool St	09.16	09.40	2W16		181(1)\180(2)	20.16	108.80
Shenfield	10.19	10.40	2W25		180(1)\181(2)	20.16	128.96
Liverpool St	11.16	11.40	2W24		181(1)\180(2)	20.16	149.12
Shenfield	12.19	12.40	2W33		180(1)\181(2)	20.16	169.28
Liverpool St	13.16	13.40	2W32		181(1)\180(2)	20.16	189.44
Shenfield	14.19	14.40	2W41		180(1)\181(2)	20.16	209.60
Liverpool St	15.16	15.40	2W40		181(1)\180(2)	20.16	229.76
Shenfield	16.19	16.40	2W49		180(1)\181(2)	20.16	249.92
Liverpool St	17.16	17.40	2W48		181(1)\180(2)	20.16	270.08
Shenfield	18.19	18.40	2W57		180(1)\181(2)	20.16	290.24
Liverpool St	19.16	19.40	2W56		181(1)\180(2)	20.16	310.40
Shenfield	20.19	20.40	2W65		180(1)\181(2)	20.16	330.56
Liverpool St	21.16	21.40	2W64		181(1)\180(2)	20.16	350.72
Shenfield	22.19	22.40	2W73		180(1)\181(2)	20.16	370.88
Liverpool St	23.16	23.40	2W72		181(1)\180(2)	20.16	391.04
Shenfield	00.19						
						Loaded	383.04
						Empty	8.00
						Total	391.04

IF 181 Class 315/0

Days SO
 From 16/12/2017
 To 30/12/2017

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD			STABLD				
						Loaded	0.00
						Empty	0.00
						Total	0.00

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

IF 181 Class 315/0

Days SO
 From 06/01/2018
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		05+02	5W00		180(1)\181(2)	8.00	8.00
Liverpool St	05+29	05.40	2W00		181(1)\180(2)	20.16	28.16
Shenfield	06.19	06.40	2W09		180(1)\181(2)	20.16	48.32
Liverpool St	07.16	07.40	2W08		181(1)\180(2)	20.16	68.48
Shenfield	08.19	08.40	2W17		180(1)\181(2)	20.16	88.64
Liverpool St	09.16	09.40	2W16		181(1)\180(2)	20.16	108.80
Shenfield	10.19	10.40	2W25		180(1)\181(2)	20.16	128.96
Liverpool St	11.16	11.40	2W24		181(1)\180(2)	20.16	149.12
Shenfield	12.19	12.40	2W33		180(1)\181(2)	20.16	169.28
Liverpool St	13.16	13.40	2W32		181(1)\180(2)	20.16	189.44
Shenfield	14.19	14.40	2W41		180(1)\181(2)	20.16	209.60
Liverpool St	15.16	15.40	2W40		181(1)\180(2)	20.16	229.76
Shenfield	16.19	16.40	2W49		180(1)\181(2)	20.16	249.92
Liverpool St	17.16	17.40	2W48		181(1)\180(2)	20.16	270.08
Shenfield	18.19	18.40	2W57		180(1)\181(2)	20.16	290.24
Liverpool St	19.16	19.40	2W56		181(1)\180(2)	20.16	310.40
Shenfield	20.19	20.40	2W65		180(1)\181(2)	20.16	330.56
Liverpool St	21.16	21.40	2W64		181(1)\180(2)	20.16	350.72
Shenfield	22.19	22.40	2W73		180(1)\181(2)	20.16	370.88
Liverpool St	23.16	23.40	2W72		181(1)\180(2)	20.16	391.04
Shenfield	00.19						
						Loaded	383.04
						Empty	8.00
						Total	391.04

IF 182 Class 315/0

Days SO
 From 16/12/2017
 To 30/12/2017

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD			STABLD				
						Loaded	0.00
						Empty	0.00
						Total	0.00

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

IF 182 Class 315/0

Days SO
 From 06/01/2018
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		05+39	5W02		182(1)\183(2)	8.00	8.00
Liverpool St	06+00	06.10	2W02		183(1)\182(2)	20.16	28.16
Shenfield	06.49	07.10	2W11		182(1)\183(2)	20.16	48.32
Liverpool St	07.46	08.10	2W10		183(1)\182(2)	20.16	68.48
Shenfield	08.49	09.10	2W19		182(1)\183(2)	20.16	88.64
Liverpool St	09.46	10.10	2W18		183(1)\182(2)	20.16	108.80
Shenfield	10.49	11.10	2W27		182(1)\183(2)	20.16	128.96
Liverpool St	11.46	12.10	2W26		183(1)\182(2)	20.16	149.12
Shenfield	12.49	13.10	2W35		182(1)\183(2)	20.16	169.28
Liverpool St	13.46	14.10	2W34		183(1)\182(2)	20.16	189.44
Shenfield	14.49	15.10	2W43		182(1)\183(2)	20.16	209.60
Liverpool St	15.46	16.10	2W42		183(1)\182(2)	20.16	229.76
Shenfield	16.49	17.10	2W51		182(1)\183(2)	20.16	249.92
Liverpool St	17.46	18.10	2W50		183(1)\182(2)	20.16	270.08
Shenfield	18.49	19.10	2W59		182(1)\183(2)	20.16	290.24
Liverpool St	19.46	20.10	2W58		183(1)\182(2)	20.16	310.40
Shenfield	20.49	21.10	2W67		182(1)\183(2)	20.16	330.56
Liverpool St	21.46	22.10	2W66		183(1)\182(2)	20.16	350.72
Shenfield	22.49	23.10	2W75		182(1)\183(2)	20.16	370.88
Liverpool St	23.46	23+53	5V86		183(1)\182(2)	8.00	378.88
Ilford EMUD	00+17						
						Loaded	362.88
						Empty	16.00
						Total	378.88

IF 183 Class 315/0

Days SO
 From 16/12/2017
 To 30/12/2017

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD			STABLD				
						Loaded	0.00
						Empty	0.00
						Total	0.00

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

IF 183 Class 315/0

Days SO
 From 06/01/2018
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Ilford EMUD		05+39	5W02		182(1)\183(2)	8.00	8.00
Liverpool St	06+00	06.10	2W02		183(1)\182(2)	20.16	28.16
Shenfield	06.49	07.10	2W11		182(1)\183(2)	20.16	48.32
Liverpool St	07.46	08.10	2W10		183(1)\182(2)	20.16	68.48
Shenfield	08.49	09.10	2W19		182(1)\183(2)	20.16	88.64
Liverpool St	09.46	10.10	2W18		183(1)\182(2)	20.16	108.80
Shenfield	10.49	11.10	2W27		182(1)\183(2)	20.16	128.96
Liverpool St	11.46	12.10	2W26		183(1)\182(2)	20.16	149.12
Shenfield	12.49	13.10	2W35		182(1)\183(2)	20.16	169.28
Liverpool St	13.46	14.10	2W34		183(1)\182(2)	20.16	189.44
Shenfield	14.49	15.10	2W43		182(1)\183(2)	20.16	209.60
Liverpool St	15.46	16.10	2W42		183(1)\182(2)	20.16	229.76
Shenfield	16.49	17.10	2W51		182(1)\183(2)	20.16	249.92
Liverpool St	17.46	18.10	2W50		183(1)\182(2)	20.16	270.08
Shenfield	18.49	19.10	2W59		182(1)\183(2)	20.16	290.24
Liverpool St	19.46	20.10	2W58		183(1)\182(2)	20.16	310.40
Shenfield	20.49	21.10	2W67		182(1)\183(2)	20.16	330.56
Liverpool St	21.46	22.10	2W66		183(1)\182(2)	20.16	350.72
Shenfield	22.49	23.10	2W75		182(1)\183(2)	20.16	370.88
Liverpool St	23.46	23+53	5V86		183(1)\182(2)	8.00	378.88
Ilford EMUD		00+17					
						Loaded	362.88
						Empty	16.00
						Total	378.88

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

IF 184 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Liverpool St		05.17	2C00		185(1)\184(2)	10.00	10.00
Chadwell Heath	05.41	05+43	5C00		185(1)\184(2)	0.30	10.30
Chadwell Hth Mid Sdg	05+45	05+52	5C03		184(1)\185(2)	0.30	10.60
Chadwell Heath	05+54	06.02	2C03		184(1)\185(2)	10.00	20.60
Liverpool St	06.27	06.47	2C12		185(1)\184(2)	10.00	30.60
Chadwell Heath	07.11	07+13	5C12		185(1)\184(2)	0.30	30.90
Chadwell Hth Mid Sdg	07+15	07+22	5C15		184(1)\185(2)	0.30	31.20
Chadwell Heath	07+24	07.32	2C15		184(1)\185(2)	10.00	41.20
Liverpool St	07.57	08.17	2C24		185(1)\184(2)	10.00	51.20
Chadwell Heath	08.41	08+43	5C24		185(1)\184(2)	0.30	51.50
Chadwell Hth Mid Sdg	08+45	08+52	5C27		184(1)\185(2)	0.30	51.80
Chadwell Heath	08+54	09.02	2C27		184(1)\185(2)	10.00	61.80
Liverpool St	09.27	09.47	2C36		185(1)\184(2)	10.00	71.80
Chadwell Heath	10.11	10+13	5C36		185(1)\184(2)	0.30	72.10
Chadwell Hth Mid Sdg	10+15	10+22	5C39		184(1)\185(2)	0.30	72.40
Chadwell Heath	10+24	10.32	2C39		184(1)\185(2)	10.00	82.40
Liverpool St	10.57	11.17	2C48		185(1)\184(2)	10.00	92.40
Chadwell Heath	11.41	11+43	5C48		185(1)\184(2)	0.30	92.70
Chadwell Hth Mid Sdg	11+45	11+52	5C51		184(1)\185(2)	0.30	93.00
Chadwell Heath	11+54	12.02	2C51		184(1)\185(2)	10.00	103.00
Liverpool St	12.27	12+35	5V80		185(1)\184(2)	8.00	111.00
Ilford EMUD	13+06	18+39	3C12		184(1)\185(2)	8.00	119.00
Liverpool St	19+08	19.17	2C12		185(1)\184(2)	10.00	129.00
Chadwell Heath	19.41	19+43	5C12		185(1)\184(2)	0.30	129.30
Chadwell Hth Mid Sdg	19+45	19+52	5C15		184(1)\185(2)	0.30	129.60
Chadwell Heath	19+54	20.02	2C15		184(1)\185(2)	10.00	139.60
Liverpool St	20.27	20.47	2C24		185(1)\184(2)	10.00	149.60
Chadwell Heath	21.11	21+13	5C24		185(1)\184(2)	0.30	149.90
Chadwell Hth Mid Sdg	21+15	21+22	5C27		184(1)\185(2)	0.30	150.20
Chadwell Heath	21+24	21.32	2C27		184(1)\185(2)	10.00	160.20
Liverpool St	21.57	22.17	2C36		185(1)\184(2)	10.00	170.20
Chadwell Heath	22.41	22+43	5C36		185(1)\184(2)	0.30	170.50
Chadwell Hth Mid Sdg	22+45	22+52	5C39		184(1)\185(2)	0.30	170.80
Chadwell Heath	22+54	23.02	2C39		184(1)\185(2)	10.00	180.80
Liverpool St	23.27	23.47	2C48		185(1)\184(2)	10.00	190.80
Chadwell Heath	00.11	00+13	5C48		185(1)\184(2)	0.30	191.10
Chadwell Hth Mid Sdg	00+15	00+22	5C03		184(1)\185(2)	10.30	201.40
Liverpool St	00+39						
						Loaded	178.00
						Empty	23.40
						Total	201.40

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

IF 185 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Liverpool St		05.17	2C00		185(1)\184(2)	10.00	10.00
Chadwell Heath	05.41	05+43	5C00		185(1)\184(2)	0.30	10.30
Chadwell Hth Mid Sdg	05+45	05+52	5C03		184(1)\185(2)	0.30	10.60
Chadwell Heath	05+54	06.02	2C03		184(1)\185(2)	10.00	20.60
Liverpool St	06.27	06.47	2C12		185(1)\184(2)	10.00	30.60
Chadwell Heath	07.11	07+13	5C12		185(1)\184(2)	0.30	30.90
Chadwell Hth Mid Sdg	07+15	07+22	5C15		184(1)\185(2)	0.30	31.20
Chadwell Heath	07+24	07.32	2C15		184(1)\185(2)	10.00	41.20
Liverpool St	07.57	08.17	2C24		185(1)\184(2)	10.00	51.20
Chadwell Heath	08.41	08+43	5C24		185(1)\184(2)	0.30	51.50
Chadwell Hth Mid Sdg	08+45	08+52	5C27		184(1)\185(2)	0.30	51.80
Chadwell Heath	08+54	09.02	2C27		184(1)\185(2)	10.00	61.80
Liverpool St	09.27	09.47	2C36		185(1)\184(2)	10.00	71.80
Chadwell Heath	10.11	10+13	5C36		185(1)\184(2)	0.30	72.10
Chadwell Hth Mid Sdg	10+15	10+22	5C39		184(1)\185(2)	0.30	72.40
Chadwell Heath	10+24	10.32	2C39		184(1)\185(2)	10.00	82.40
Liverpool St	10.57	11.17	2C48		185(1)\184(2)	10.00	92.40
Chadwell Heath	11.41	11+43	5C48		185(1)\184(2)	0.30	92.70
Chadwell Hth Mid Sdg	11+45	11+52	5C51		184(1)\185(2)	0.30	93.00
Chadwell Heath	11+54	12.02	2C51		184(1)\185(2)	10.00	103.00
Liverpool St	12.27	12+35	5V80		185(1)\184(2)	8.00	111.00
Ilford EMUD	13+06	18+39	3C12		184(1)\185(2)	8.00	119.00
Liverpool St	19+08	19.17	2C12		185(1)\184(2)	10.00	129.00
Chadwell Heath	19.41	19+43	5C12		185(1)\184(2)	0.30	129.30
Chadwell Hth Mid Sdg	19+45	19+52	5C15		184(1)\185(2)	0.30	129.60
Chadwell Heath	19+54	20.02	2C15		184(1)\185(2)	10.00	139.60
Liverpool St	20.27	20.47	2C24		185(1)\184(2)	10.00	149.60
Chadwell Heath	21.11	21+13	5C24		185(1)\184(2)	0.30	149.90
Chadwell Hth Mid Sdg	21+15	21+22	5C27		184(1)\185(2)	0.30	150.20
Chadwell Heath	21+24	21.32	2C27		184(1)\185(2)	10.00	160.20
Liverpool St	21.57	22.17	2C36		185(1)\184(2)	10.00	170.20
Chadwell Heath	22.41	22+43	5C36		185(1)\184(2)	0.30	170.50
Chadwell Hth Mid Sdg	22+45	22+52	5C39		184(1)\185(2)	0.30	170.80
Chadwell Heath	22+54	23.02	2C39		184(1)\185(2)	10.00	180.80
Liverpool St	23.27	23.47	2C48		185(1)\184(2)	10.00	190.80
Chadwell Heath	00.11	00+13	5C48		185(1)\184(2)	0.30	191.10
Chadwell Hth Mid Sdg	00+15	00+22	5C03		184(1)\185(2)	10.30	201.40
Liverpool St	00+39						
						Loaded	178.00
						Empty	23.40
						Total	201.40

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

IF 186 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield		04.44	2W01		186(1)\187(2)	20.16	20.16
Liverpool St	05.27	05.47	2C04		187(1)\186(2)	10.00	30.16
Chadwell Heath	06.11	06+13	5C04		187(1)\186(2)	0.30	30.46
Chadwell Hth Mid Sdg	06+15	06+22	5C07		186(1)\187(2)	0.30	30.76
Chadwell Heath	06+24	06.32	2C07		186(1)\187(2)	10.00	40.76
Liverpool St	06.57	07.17	2C16		187(1)\186(2)	10.00	50.76
Chadwell Heath	07.41	07+43	5C16		187(1)\186(2)	0.30	51.06
Chadwell Hth Mid Sdg	07+45	07+52	5C19		186(1)\187(2)	0.30	51.36
Chadwell Heath	07+54	08.02	2C19		186(1)\187(2)	10.00	61.36
Liverpool St	08.27	08.47	2C28		187(1)\186(2)	10.00	71.36
Chadwell Heath	09.11	09+13	5C28		187(1)\186(2)	0.30	71.66
Chadwell Hth Mid Sdg	09+15	09+22	5C31		186(1)\187(2)	0.30	71.96
Chadwell Heath	09+24	09.32	2C31		186(1)\187(2)	10.00	81.96
Liverpool St	09.57	10.17	2C40		187(1)\186(2)	10.00	91.96
Chadwell Heath	10.41	10+43	5C40		187(1)\186(2)	0.30	92.26
Chadwell Hth Mid Sdg	10+45	10+52	5C43		186(1)\187(2)	0.30	92.56
Chadwell Heath	10+54	11.02	2C43		186(1)\187(2)	10.00	102.56
Liverpool St	11.27	11.47	2C52		187(1)\186(2)	10.00	112.56
Chadwell Heath	12.11	12+13	5C52		187(1)\186(2)	0.30	112.86
Chadwell Hth Mid Sdg	12+15	12+22	5C55		186(1)\187(2)	0.30	113.16
Chadwell Heath	12+24	12.32	2C55		186(1)\187(2)	10.00	123.16
Liverpool St	12.57	13.17	2C64		187(1)\186(2)	10.00	133.16
Chadwell Heath	13.41	13+43	5C64		187(1)\186(2)	0.30	133.46
Chadwell Hth Mid Sdg	13+45	13+52	5C67		186(1)\187(2)	0.30	133.76
Chadwell Heath	13+54	14.02	2C67		186(1)\187(2)	10.00	143.76
Liverpool St	14.27	14.47	2C76		187(1)\186(2)	10.00	153.76
Chadwell Heath	15.11	15+13	5C76		187(1)\186(2)	0.30	154.06
Chadwell Hth Mid Sdg	15+15	15+22	5C79		186(1)\187(2)	0.30	154.36
Chadwell Heath	15+24	15.32	2C79		186(1)\187(2)	10.00	164.36
Liverpool St	15.57	16.17	2C88		187(1)\186(2)	10.00	174.36
Chadwell Heath	16.41	16+43	5C88		187(1)\186(2)	0.30	174.66
Chadwell Hth Mid Sdg	16+45	16+52	5C91		186(1)\187(2)	0.30	174.96
Chadwell Heath	16+54	17.02	2C91		186(1)\187(2)	10.00	184.96
Liverpool St	17.27	17.47	2C00		187(1)\186(2)	10.00	194.96
Chadwell Heath	18.11	18+13	5C00		187(1)\186(2)	0.30	195.26
Chadwell Hth Mid Sdg	18+15	18+22	5C03		186(1)\187(2)	0.30	195.56
Chadwell Heath	18+24	18.32	2C03		186(1)\187(2)	10.00	205.56
Liverpool St	18.57	19+05	5V84		187(1)\186(2)	8.00	213.56
Ilford EMUD	19+36						
						Loaded	200.16
						Empty	13.40
						Total	213.56

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

IF 187 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield		04.44	2W01		186(1)\187(2)	20.16	20.16
Liverpool St	05.27	05.47	2C04		187(1)\186(2)	10.00	30.16
Chadwell Heath	06.11	06+13	5C04		187(1)\186(2)	0.30	30.46
Chadwell Hth Mid Sdg	06+15	06+22	5C07		186(1)\187(2)	0.30	30.76
Chadwell Heath	06+24	06.32	2C07		186(1)\187(2)	10.00	40.76
Liverpool St	06.57	07.17	2C16		187(1)\186(2)	10.00	50.76
Chadwell Heath	07.41	07+43	5C16		187(1)\186(2)	0.30	51.06
Chadwell Hth Mid Sdg	07+45	07+52	5C19		186(1)\187(2)	0.30	51.36
Chadwell Heath	07+54	08.02	2C19		186(1)\187(2)	10.00	61.36
Liverpool St	08.27	08.47	2C28		187(1)\186(2)	10.00	71.36
Chadwell Heath	09.11	09+13	5C28		187(1)\186(2)	0.30	71.66
Chadwell Hth Mid Sdg	09+15	09+22	5C31		186(1)\187(2)	0.30	71.96
Chadwell Heath	09+24	09.32	2C31		186(1)\187(2)	10.00	81.96
Liverpool St	09.57	10.17	2C40		187(1)\186(2)	10.00	91.96
Chadwell Heath	10.41	10+43	5C40		187(1)\186(2)	0.30	92.26
Chadwell Hth Mid Sdg	10+45	10+52	5C43		186(1)\187(2)	0.30	92.56
Chadwell Heath	10+54	11.02	2C43		186(1)\187(2)	10.00	102.56
Liverpool St	11.27	11.47	2C52		187(1)\186(2)	10.00	112.56
Chadwell Heath	12.11	12+13	5C52		187(1)\186(2)	0.30	112.86
Chadwell Hth Mid Sdg	12+15	12+22	5C55		186(1)\187(2)	0.30	113.16
Chadwell Heath	12+24	12.32	2C55		186(1)\187(2)	10.00	123.16
Liverpool St	12.57	13.17	2C64		187(1)\186(2)	10.00	133.16
Chadwell Heath	13.41	13+43	5C64		187(1)\186(2)	0.30	133.46
Chadwell Hth Mid Sdg	13+45	13+52	5C67		186(1)\187(2)	0.30	133.76
Chadwell Heath	13+54	14.02	2C67		186(1)\187(2)	10.00	143.76
Liverpool St	14.27	14.47	2C76		187(1)\186(2)	10.00	153.76
Chadwell Heath	15.11	15+13	5C76		187(1)\186(2)	0.30	154.06
Chadwell Hth Mid Sdg	15+15	15+22	5C79		186(1)\187(2)	0.30	154.36
Chadwell Heath	15+24	15.32	2C79		186(1)\187(2)	10.00	164.36
Liverpool St	15.57	16.17	2C88		187(1)\186(2)	10.00	174.36
Chadwell Heath	16.41	16+43	5C88		187(1)\186(2)	0.30	174.66
Chadwell Hth Mid Sdg	16+45	16+52	5C91		186(1)\187(2)	0.30	174.96
Chadwell Heath	16+54	17.02	2C91		186(1)\187(2)	10.00	184.96
Liverpool St	17.27	17.47	2C00		187(1)\186(2)	10.00	194.96
Chadwell Heath	18.11	18+13	5C00		187(1)\186(2)	0.30	195.26
Chadwell Hth Mid Sdg	18+15	18+22	5C03		186(1)\187(2)	0.30	195.56
Chadwell Heath	18+24	18.32	2C03		186(1)\187(2)	10.00	205.56
Liverpool St	18.57	19+05	5V84		187(1)\186(2)	8.00	213.56
Ilford EMUD	19+36						
						Loaded	200.16
						Empty	13.40
						Total	213.56

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

IF 188 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield		05.14	2W03		188(1)\189(2)	20.16	20.16
Liverpool St	05.57	06.17	2C08		189(1)\188(2)	10.00	30.16
Chadwell Heath	06.41	06+43	5C08		189(1)\188(2)	0.30	30.46
Chadwell Hth Mid Sdg	06+45	06+52	5C11		188(1)\189(2)	0.30	30.76
Chadwell Heath	06+54	07.02	2C11		188(1)\189(2)	10.00	40.76
Liverpool St	07.27	07.47	2C20		189(1)\188(2)	10.00	50.76
Chadwell Heath	08.11	08+13	5C20		189(1)\188(2)	0.30	51.06
Chadwell Hth Mid Sdg	08+15	08+22	5C23		188(1)\189(2)	0.30	51.36
Chadwell Heath	08+24	08.32	2C23		188(1)\189(2)	10.00	61.36
Liverpool St	08.57	09.17	2C32		189(1)\188(2)	10.00	71.36
Chadwell Heath	09.41	09+43	5C32		189(1)\188(2)	0.30	71.66
Chadwell Hth Mid Sdg	09+45	09+52	5C35		188(1)\189(2)	0.30	71.96
Chadwell Heath	09+54	10.02	2C35		188(1)\189(2)	10.00	81.96
Liverpool St	10.27	10.47	2C44		189(1)\188(2)	10.00	91.96
Chadwell Heath	11.11	11+13	5C44		189(1)\188(2)	0.30	92.26
Chadwell Hth Mid Sdg	11+15	11+22	5C47		188(1)\189(2)	0.30	92.56
Chadwell Heath	11+24	11.32	2C47		188(1)\189(2)	10.00	102.56
Liverpool St	11.57	12.17	2C56		189(1)\188(2)	10.00	112.56
Chadwell Heath	12.41	12+43	5C56		189(1)\188(2)	0.30	112.86
Chadwell Hth Mid Sdg	12+45	12+52	5C59		188(1)\189(2)	0.30	113.16
Chadwell Heath	12+54	13.02	2C59		188(1)\189(2)	10.00	123.16
Liverpool St	13.27	13+35	5V82		189(1)\188(2)	8.00	131.16
Ilford EMUD	14+06						
						Loaded	120.16
						Empty	11.00
						Total	131.16

IF 189 Class 315/0

Days SO
 From 16/12/2017
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield		05.14	2W03		188(1)\189(2)	20.16	20.16
Liverpool St	05.57	06.17	2C08		189(1)\188(2)	10.00	30.16
Chadwell Heath	06.41	06+43	5C08		189(1)\188(2)	0.30	30.46
Chadwell Hth Mid Sdg	06+45	06+52	5C11		188(1)\189(2)	0.30	30.76
Chadwell Heath	06+54	07.02	2C11		188(1)\189(2)	10.00	40.76
Liverpool St	07.27	07.47	2C20		189(1)\188(2)	10.00	50.76
Chadwell Heath	08.11	08+13	5C20		189(1)\188(2)	0.30	51.06
Chadwell Hth Mid Sdg	08+15	08+22	5C23		188(1)\189(2)	0.30	51.36
Chadwell Heath	08+24	08.32	2C23		188(1)\189(2)	10.00	61.36
Liverpool St	08.57	09.17	2C32		189(1)\188(2)	10.00	71.36
Chadwell Heath	09.41	09+43	5C32		189(1)\188(2)	0.30	71.66
Chadwell Hth Mid Sdg	09+45	09+52	5C35		188(1)\189(2)	0.30	71.96
Chadwell Heath	09+54	10.02	2C35		188(1)\189(2)	10.00	81.96
Liverpool St	10.27	10.47	2C44		189(1)\188(2)	10.00	91.96
Chadwell Heath	11.11	11+13	5C44		189(1)\188(2)	0.30	92.26
Chadwell Hth Mid Sdg	11+15	11+22	5C47		188(1)\189(2)	0.30	92.56
Chadwell Heath	11+24	11.32	2C47		188(1)\189(2)	10.00	102.56
Liverpool St	11.57	12.17	2C56		189(1)\188(2)	10.00	112.56
Chadwell Heath	12.41	12+43	5C56		189(1)\188(2)	0.30	112.86
Chadwell Hth Mid Sdg	12+45	12+52	5C59		188(1)\189(2)	0.30	113.16
Chadwell Heath	12+54	13.02	2C59		188(1)\189(2)	10.00	123.16
Liverpool St	13.27	13+35	5V82		189(1)\188(2)	8.00	131.16
Ilford EMUD	14+06						
						Loaded	120.16
						Empty	11.00
						Total	131.16

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

IF 190 Class 315/0

Days SO
 From 16/12/2017
 To 30/12/2017

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield			STABLD				
						Loaded	0.00
						Empty	0.00
						Total	0.00

IF 190 Class 315/0

Days SO
 From 06/01/2018
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield		05.40	2W05		190(1)\191(2)	20.16	20.16
Liverpool St	06.16	06.40	2W04		191(1)\190(2)	20.16	40.32
Shenfield	07.19	07.40	2W13		190(1)\191(2)	20.16	60.48
Liverpool St	08.16	08.40	2W12		191(1)\190(2)	20.16	80.64
Shenfield	09.19	09.40	2W21		190(1)\191(2)	20.16	100.80
Liverpool St	10.16	10.40	2W20		191(1)\190(2)	20.16	120.96
Shenfield	11.19	11.40	2W29		190(1)\191(2)	20.16	141.12
Liverpool St	12.16	12.40	2W28		191(1)\190(2)	20.16	161.28
Shenfield	13.19	13.40	2W37		190(1)\191(2)	20.16	181.44
Liverpool St	14.16	14.40	2W36		191(1)\190(2)	20.16	201.60
Shenfield	15.19	15.40	2W45		190(1)\191(2)	20.16	221.76
Liverpool St	16.16	16.40	2W44		191(1)\190(2)	20.16	241.92
Shenfield	17.19	17.40	2W53		190(1)\191(2)	20.16	262.08
Liverpool St	18.16	18.40	2W52		191(1)\190(2)	20.16	282.24
Shenfield	19.19	19.40	2W61		190(1)\191(2)	20.16	302.40
Liverpool St	20.16	20.40	2W60		191(1)\190(2)	20.16	322.56
Shenfield	21.19	21.40	2W69		190(1)\191(2)	20.16	342.72
Liverpool St	22.16	22.40	2W68		191(1)\190(2)	20.16	362.88
Shenfield	23.19	23.40	2W77		190(1)\191(2)	20.16	383.04
Liverpool St	00.16	00+23	5V88		191(1)\190(2)	8.00	391.04
Ilford EMUD	00+49						
						Loaded	383.04
						Empty	8.00
						Total	391.04

IF 191 Class 315/0

Days SO
 From 16/12/2017
 To 30/12/2017

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield			STABLD				
						Loaded	0.00
						Empty	0.00
						Total	0.00

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

IF 191 Class 315/0

Days SO
 From 06/01/2018
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield		05.40	2W05		190(1)\191(2)	20.16	20.16
Liverpool St	06.16	06.40	2W04		191(1)\190(2)	20.16	40.32
Shenfield	07.19	07.40	2W13		190(1)\191(2)	20.16	60.48
Liverpool St	08.16	08.40	2W12		191(1)\190(2)	20.16	80.64
Shenfield	09.19	09.40	2W21		190(1)\191(2)	20.16	100.80
Liverpool St	10.16	10.40	2W20		191(1)\190(2)	20.16	120.96
Shenfield	11.19	11.40	2W29		190(1)\191(2)	20.16	141.12
Liverpool St	12.16	12.40	2W28		191(1)\190(2)	20.16	161.28
Shenfield	13.19	13.40	2W37		190(1)\191(2)	20.16	181.44
Liverpool St	14.16	14.40	2W36		191(1)\190(2)	20.16	201.60
Shenfield	15.19	15.40	2W45		190(1)\191(2)	20.16	221.76
Liverpool St	16.16	16.40	2W44		191(1)\190(2)	20.16	241.92
Shenfield	17.19	17.40	2W53		190(1)\191(2)	20.16	262.08
Liverpool St	18.16	18.40	2W52		191(1)\190(2)	20.16	282.24
Shenfield	19.19	19.40	2W61		190(1)\191(2)	20.16	302.40
Liverpool St	20.16	20.40	2W60		191(1)\190(2)	20.16	322.56
Shenfield	21.19	21.40	2W69		190(1)\191(2)	20.16	342.72
Liverpool St	22.16	22.40	2W68		191(1)\190(2)	20.16	362.88
Shenfield	23.19	23.40	2W77		190(1)\191(2)	20.16	383.04
Liverpool St	00.16	00+23	5V88		191(1)\190(2)	8.00	391.04
Ilford EMUD		00+49					
						Loaded	383.04
						Empty	8.00
						Total	391.04

IF 192 Class 315/0

Days SO
 From 16/12/2017
 To 30/12/2017

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield CS			STABLD				
						Loaded	0.00
						Empty	0.00
						Total	0.00

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

IF 192 Class 315/0

Days SO
 From 06/01/2018
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield CS		06+07	5W07		192(1)\193(2)	0.30	0.30
Shenfield	06+09	06.10	2W07		192(1)\193(2)	20.16	20.46
Liverpool St	06.46	07.10	2W06		193(1)\192(2)	20.16	40.62
Shenfield	07.49	08.10	2W15		192(1)\193(2)	20.16	60.78
Liverpool St	08.46	09.10	2W14		193(1)\192(2)	20.16	80.94
Shenfield	09.49	10.10	2W23		192(1)\193(2)	20.16	101.10
Liverpool St	10.46	11.10	2W22		193(1)\192(2)	20.16	121.26
Shenfield	11.49	12.10	2W31		192(1)\193(2)	20.16	141.42
Liverpool St	12.46	13.10	2W30		193(1)\192(2)	20.16	161.58
Shenfield	13.49	14.10	2W39		192(1)\193(2)	20.16	181.74
Liverpool St	14.46	15.10	2W38		193(1)\192(2)	20.16	201.90
Shenfield	15.49	16.10	2W47		192(1)\193(2)	20.16	222.06
Liverpool St	16.46	17.10	2W46		193(1)\192(2)	20.16	242.22
Shenfield	17.49	18.10	2W55		192(1)\193(2)	20.16	262.38
Liverpool St	18.46	19.10	2W54		193(1)\192(2)	20.16	282.54
Shenfield	19.49	20.10	2W63		192(1)\193(2)	20.16	302.70
Liverpool St	20.46	21.10	2W62		193(1)\192(2)	20.16	322.86
Shenfield	21.49	22.10	2W71		192(1)\193(2)	20.16	343.02
Liverpool St	22.46	23.10	2W70		193(1)\192(2)	20.16	363.18
Shenfield	23.49	23+50	5W70		193(1)\192(2)	0.30	363.48
Shenfield CS		23+52					
						Loaded	362.88
						Empty	0.60
						Total	363.48

IF 193 Class 315/0

Days SO
 From 16/12/2017
 To 30/12/2017

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield CS			STABLD				
						Loaded	0.00
						Empty	0.00
						Total	0.00

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

IF 193 Class 315/0

Days SO
 From 06/01/2018
 To 03/02/2018

	Arrive	Depart	Code	Route	Coupled	Leg	Mileage
Shenfield CS		06+07	5W07		192(1)\193(2)	0.30	0.30
Shenfield	06+09	06.10	2W07		192(1)\193(2)	20.16	20.46
Liverpool St	06.46	07.10	2W06		193(1)\192(2)	20.16	40.62
Shenfield	07.49	08.10	2W15		192(1)\193(2)	20.16	60.78
Liverpool St	08.46	09.10	2W14		193(1)\192(2)	20.16	80.94
Shenfield	09.49	10.10	2W23		192(1)\193(2)	20.16	101.10
Liverpool St	10.46	11.10	2W22		193(1)\192(2)	20.16	121.26
Shenfield	11.49	12.10	2W31		192(1)\193(2)	20.16	141.42
Liverpool St	12.46	13.10	2W30		193(1)\192(2)	20.16	161.58
Shenfield	13.49	14.10	2W39		192(1)\193(2)	20.16	181.74
Liverpool St	14.46	15.10	2W38		193(1)\192(2)	20.16	201.90
Shenfield	15.49	16.10	2W47		192(1)\193(2)	20.16	222.06
Liverpool St	16.46	17.10	2W46		193(1)\192(2)	20.16	242.22
Shenfield	17.49	18.10	2W55		192(1)\193(2)	20.16	262.38
Liverpool St	18.46	19.10	2W54		193(1)\192(2)	20.16	282.54
Shenfield	19.49	20.10	2W63		192(1)\193(2)	20.16	302.70
Liverpool St	20.46	21.10	2W62		193(1)\192(2)	20.16	322.86
Shenfield	21.49	22.10	2W71		192(1)\193(2)	20.16	343.02
Liverpool St	22.46	23.10	2W70		193(1)\192(2)	20.16	363.18
Shenfield	23.49	23+50	5W70		193(1)\192(2)	0.30	363.48
Shenfield CS	23+52						
						Loaded	362.88
						Empty	0.60
						Total	363.48

- End of report -