

SN 1009A

BRITISH RAIL ORIGIN & DESTINATION SURVEY 1971 - EASTERN REGION

CARD/COLUMN	VAR No	TITLE	CODES	MARGINALS
1/1-2		Card Number	01 CARD ONE	52009
1/3-7	1	Origin station number	5 - digit code See Station Decode List	
1/8	2	What was the main purpose of your journey	1 To or from work 2 On business other than to or from work 3 Shopping 4 Sport/entertainment 5 To or from school/college as student 6 Other Blank	44217 2216 638 235 3390 1294 19
1/9	3	Distance from address at which you started, to origin station	1 Under $\frac{1}{2}$ mile 2 $\frac{1}{2}$ - 1 mile 3 1 - 2 miles 4 2 - 4 miles 5 4 - 10 miles 6 Over 10 miles 0 Not answered	15798 15144 9210 6051 3001 1932 873
1/10-11	4	Mode of travel to origin station	1 Walked all the way 2 Cycle or motor cycle 3 Red Arrow bus 4 Other bus/coach 5 Waterloo and City line 6 Underground 7 Taxi 8 Sea/Air 9 Car driver 10 Car passenger 11 Train 0 Not answered 20) 30) 40) Wild code 60) 90)	28892 1002 484 7025 14 1094 230 53 6757 5158 1252 30 3 1 6 1 7
1/12	5	Details given by car drivers and passengers on parking	<u>Car driver</u> 1 Car driven away 2 Parked at station 3 Parked off street 4 Parked on street	605 2876 2178 989

CARD/COLUMN	VAR No	TITLE	CODES	MARGINALS
1/12	5	continued	<u>Car passenger</u> 5 Car driven away 6 Parked at station 7 Parked off street 8 Parked on street 9 Driver or passenger not stated 0 Not answered/not applicable	3901 493 359 161 370 40077
1/13	6	How did you continue your journey onwards from your destination station	1 Walked all the way 2 Cycle or motorcycle 3 Red Arrow bus 4 Other bus/coach 5 Waterloo and City line 6 Underground 7 Taxi 8 Sea/Air 9 Car 0 Not answered	27720 72 605 3539 139 17006 459 30 651 1788
1/14	7	How many cars does your family have regularly available for use	0 None or no answer 1 One car 2 Two cars 3 Three or more cars 4 Unknown coding	17302 27557 6109 1038 3
1/15-19	8	Origin area code	5 - digit code See External Zone Gazetteer and map for GLTS codes	
1/20-21	9	If your journey involved travelling through London and you crossed central London from one British Rail terminus to another, which terminus did you depart from	1 Euston 2 St. Pancras 3 Marylebone 4 Broad St. 5 Liverpool St. 6 Fenchurch St. 7 Kings Cross 8 Paddington 9 Waterloo SE 10 Waterloo SW 11 Victoria Central 12 Victoria S.E. 13 London Bridge central	- - 1 4 409 80 1 3 2 6 4 - 13

CARD/COLUMN	VAR No	TITLE	CODES	MARGINALS
1/20-21	9	continued	14 London Bridge S.E. 15 Cannon St. 16 Holborn 17 Blackfriars 18 Charing Cross 19 Vauxhall 20 Elephant & Castle 0 Not answered	2 - - 1 2 15 - 51476
1/22-23	10	If your journey involved travelling through London and you crossed central London from one British Rail terminus to another at which terminus did you arrive	1 Euston 2 St. Pancras 3 Marylebone 4 Broad St. 5 Liverpool St. 6 Fenchurch St. 7 Kings Cross 8 Paddington 9 Waterloo S.E. 10 Waterloo S.W. 11 Victoria Central 12 Victoria S.E. 13 London Bridge central 14 London Bridge S.E. 15 Cannon St. 16 Holborn/Blackfriars 17 Charing Cross 18 Vauxhall 19 Elephant & Castle 0 Not answered // Not answered, Pilot survey 24 } 26 } 36 } Wild code 73 } 99 }	58 14 2 64 20 6 36 57 51 55 16 6 65 31 4 5 5 - 3 44941 6552 9 2 2 1 4
1/24-25	11	What final British Rail station were you travelling to	2 - digit code 0 Not answered See appendix Pages 51, 56, 58, 60	11744
1/26-27	12	If you had to change from one British Rail train to another, location of terminus	2 - digit code 0 Not answered See appendix Pages 53, 55	37146

CARD/COLUMN	VAR No	TITLE	CODES	MARGINALS
1/25-29	13	Short origin station	2 - digit code See appendix Pages 52,57,59,61	
1/30-31	14	Required arrival time	2 - digit code 0 Not answered See appendix Page 29	4503
1/32-33	15	Required return departure time	2 - digit code 0 Not answered See appendix Page 30	1067
1/34-35	16	Selected return departure station	2 - digit code 0 Not answered See appendix Page 51	9432
1/36-37	17	Home destination station	2 - digit code 0 Not answered See appendix Page 52	16687
1/38-40	18	London Area destinations	3 - digit code See appendix Page 84	
1/41	19	What type of ticket do you use	1 First class 2 Second class 0 Not answered	1550 50459 -
1/42-44	20	If your mode of onward journey was by underground which London Transport station did you travel from	3 - digit code 0 Not answered See appendix Pages 53,54	40465
1/45-47	21	If your mode of onward journey was by underground which London Transport station did you travel to	3 - digit code 0 Not answered See appendix Pages 79-82	40557
1/48-50	22	At which London Transport Underground station did you have to change from one train to another if necessary	3 - digit code 0 Not answered Blank See appendix Page 83	49438 1
1/51	23	Weighting (data made up to full sample of travellers)	1) 2)	42999 6122

CARD/COLUMN	VAR No	TITLE	CODES	MARGINALS
1/51	23	continued	3) 4) 5) Coding unknown 6) 7) 8) 9) Blank	1343 712 162 71 19 24 556 1
1/52-55	24	Train code (as defined by ER for each station)	4 - digit code 0 Not answered Blank	11753 1
1/56	25	What type of ticket class do you use	1 First class 2 Second Class Blank Wild code	1550 50458 1
1/57	26	What type of ticket do you hold	<u>Season</u> <u>Single/Return</u> 1 Yearly / Full fare 2 3 months / Reduced fare 3 One month or more/ Staff 4 Weekly / Other 5 Five day ticket 6 Staff 0 No answer Blank	38440 10641 2417 204 167 -- 139 1
1/58-80		U N U S E D	U N U S E D	

CARD/COLUMN	VAR No	TITLE	CODES	MARGINALS
1/1-2		Card Number	01 CARD ONE	16147
1/3-7	1	Origin station number	5 - digit code See Station Decode List	
1/8	2	What was the main purpose of your journey	1 To or from work 2 On business other than to or from work 3 Shopping 4 Sport/Entertainment 5 To or from school/college as student 6 Other purposes Blank Wild code	11501 1765 347 169 1552 812 1
1/9	3	Distance from address at which you started, to origin station	1 Under $\frac{1}{2}$ mile 2 $\frac{1}{2}$ - 1 mile 3 1 - 2 miles 4 2 - 4 miles 5 4 - 10 miles 6 Over 10 miles 0 Not answered	3609 3090 2222 1571 1080 1187 3388
1/10-11	4	Mode of travel to origin station	1 Walked all the way 2 Cycle or motor cycle 3 Red arrow bus 4 Other bus/coach 5 Waterloo and City line 6 Underground 7 Taxi 8 Sea/Air 9 Car driver 10 Car passenger 11 Train 0 Not answered 20) 40) Unknown coding 60)	8066 282 129 1951 9 861 149 15 2454 1309 901 5 1 9 6
1/12	5	Details given by car drivers and passengers on parking	<u>Car driver</u> 1 Car driven away 2 Parked at station 3 Parked off street 4 Parked on street <u>Car passenger</u> 5 Car driven away 6 Parked at station	201 1013 394 210 1070 124

CARD/COLUMN	VAR No	TITLE	CODES	MARGINALS
1/12	5	continued	7 Parked off street 8 Parked on street 9 Driver or passenger not stated 0 Not answered/not applicable	38 19 706 12372
1/13	6	How did you continue your journey onwards from your destination station	1 Walked all the way 2 Cycle or motor cycle 3 Red arrow bus 4 Other bus/coach 5 Waterloo and City 6 Underground 7 Taxi 8 Sea/Air 9 Car 0 Not answered	7101 25 97 1788 15 5201 525 4 538 853
1/14	7	How many cars does your family have regularly available for use	0 None or no answer 1 One car 2 Two cars 3 Three or more cars	6107 7692 2024 324
1/15-19	8	Origin area code	5 - digit code See External Zone Gazetteer and map for GLTS codes	
1/20-21	9	If your journey involved travelling through London and you crossed central London from one British Rail terminus to another which terminus did you depart from	1 Euston 2 St. Pancras 3 Marylebone 4 Broad St. 5 Liverpool St. 6 Fenchurch St. 7 Kings Cross 8 Paddington 9 Waterloo S.E. 10 Waterloo S.W. 11 Victoria Central 12 Victoria S.E. 13 London Bridge Central 14 London Bridge S.E. 15 Cannon St. 16 Holborn 17 Blackfriars	87 51 15 - 30 7 4 15 - 53 55 - 1 29 4 - 1

CARD/COLUMN	VAR No	TITLE	CODES	MARGINALS
1/20-21	9	continued	18 Charing Cross 19 Vauxhall 20 Elephant & Castle 0 Not answered	16 1 1 15777
1/22-23	10	If your journey involved travelling through London and you crossed central London from one British Rail Terminus to another at which terminus did you arrive	1 Euston 2 St. Pancras 3 Marylebone 4 Broad St. 5 Liverpool St. 6 Fenchurch St. 7 Kings Cross 8 Paddington 9 Waterloo S.E. 10 Waterloo S.W. 11 Victoria Central 12 Victoria S.E. 13 London Bridge Central 14 London Bridge S.E. 15 Cannon St. 16 Holborn/Blackfriars 17 Charing Cross 18 Vauxhall 19 Elephant & Castle 0 Not answered	5 222 - - 10 2 9 13 10 8 37 11 2 3 - 12 17 1 - 15785
1/24-25	11	What final British Rail station were you travelling to	2 - digit code See appendix pages 62, 65, 69 0 Not answered	155
1/26-27	12	If you had to change from one British Rail train to another, location of terminus	2 - digit code 0 Not answered See appendix pages 64, 68, 71	15023
1/28-29	13	Short origin station	2 - digit code See appendix pages 63, 67, 71	
1/30-31	14	Required arrival time	2 - digit code 0 Not answered See appendix page 31	3137

CARD/COLUMN	VAR No	TITLE	CODES	MARGINALS
1/32-33	15	Required Return departure time	2 - digit code 0 Not answered See appendix page 31	2525
1/34-35	16	Selected Return departure station	2 - digit code 0 Not answered See appendix page 69	1681
1/36-37	17	Home destination station	2 - digit code 0 Not answered See appendix pages 63, 67, 71	732
1/38-40	18	London Area destinations	3 - digit code See appendix page 84	
1/41	19	What type of ticket do you use	1 First class 2 Second class 0 Not answered	852 15292 3
1/42-44	20	If your mode of onward journey was by underground which London Transport Station did you travel from	3 - digit code 0 Not answered See appendix pages 64, 66, 70	11716
1/45-47	21	If your mode of onward journey was by underground which London Transport station did you travel to	3 - digit code 0 Not answered See appendix pages 79-82	10881
1/48-50	22	At which London Transport Underground station did you have to change from one train to another if necessary	3 - digit code 0 Not answered See appendix page 83	14915
1/51	23	Weighting (data made up to a 25% sample of travellers)	1) 2) 3) 4) 5) coding unknown 6) 8) 9)	14214 1516 330 62 13 9 2 1

CARD/COLUMN	VAR No	TITLE	CODES	MARGINALS
1/52-53	24	Origin departure time	2 - digit code See appendix page 25	
1/54-58	25	Full destination station code	5 - digit code 0 Not answered See station decode list	1007
1/59-60	26	Selected destinations (shorter list)	2 - digit code See appendix pages 64, 68, 70	
1/61-62	27	Arrival time	2 - digit code 0 Not answered See appendix page 25	3137
1/63-64	28	Departure times	2 - digit code 0 Not answered See appendix page 27	2525
1/65-66	29	Selected Return departure station (shorter list)	2 - digit code See appendix pages 64, 68, 70	
1/67-80		U N U S E D	U N U S E D	

CARD/COLUMN	VAR No	TITLE	CODES	MARGINALS
1/1-2		Card Number	01 CARD ONE	127562
1/3-7	1	Origin station number	5 - digit code See Station Decode List	
1/8	2	What was the main purpose of your journey	1 To or from work 2 On business other than to or from work 3 Shopping 4 Sports/Entertainment 5 To or from school/college as student 6 Other Blank	99549 5877 2801 1013 12958 5332 32
1/9	3	Distance from address at which you started, to origin station	1 Under $\frac{1}{2}$ mile 2 $\frac{1}{2}$ - 1 mile 3 1 - 2 miles 4 2 - 4 miles 5 4 - 10 miles 6 Over 10 miles 0 Not answered	44097 40935 20680 11421 6249 3018 1162
1/10-11	4	Mode of travel to origin station	1 Walked all the way 2 Cycle or motor cycle 3 Red arrow bus 4 Other bus/coach 5 Waterloo and City line 6 Underground 7 Taxi 8 Sea/Air 9 Car driver 10 Car passenger 11 Train 0 Not answered 20) 30) coding unknown 90)	77685 2108 251 14568 36 2652 606 374 14947- 12986 1244 81 1 1 22
1/12	5	Details given by car drivers and passengers on parking	<u>Car driver</u> 1 Car driven away 2 Parked at station 3 Parked off street 4 Parked on street <u>Car passenger</u> 5 Car driven away 6 Parked at station	1479 5056 4673 3589 10696 845

CARD/COLUMN	VAR No	TITLE	CODES	MARGINALS
1/12	5	continued	7 Parked off street 8 Parked on street 9 Driver or passenger not stated 0 Not answered/not applicable	754 422 419 99629
1/13	6	How did you continue your journey onwards from your destination station	1 Walked all the way 2 Cycle or motorcycle 3 Red arrow bus 4 Other bus, coach 5 Waterloo and City Line 6 Underground 7 Taxi 8 Sea/Air 9 Car 0 Not answered	75601 130 4189 13578 3871 24195 1310 744 1882 2062
1/14	7	How many cars does your family have regularly available for use	0 None or no answer 1 One car 2 Two cars 3 Three or more cars 4 Unknown coding 5 Unknown coding	44819 65155 15192 2393 2 1
1/15-19	8	Origin area code	5 - digit code See External Zone Gazetteer and map for GLTS codes	
1/20-21	9	If your journey involved travelling through London and you crossed central London from one British Rail terminus to another, which terminal did you depart from	<u>Station</u> 1 Euston 2 St. Pancras 3 Marylebone 4 Broad St. 5 Liverpool St. 6 Fenchurch St. 7 Kings Cross 8 Paddington 9 Waterloo S.E. 10 Waterloo S.W. 11 Victoria Central 12 Victoria S.E. 13 London Bridge Central 14 London Bridge S.E. 15 Cannon St. 16 Holborn 17 Blackfriars	18 7 2 2 11 1 16 5 12 344 247 102 50 68 48 8 6

CARD/COLUMN	VAR No	TITLE	CODES	MARGINALS
1/20-21	9	continued	18 Charing Cross 19 Vauxhall 20 Elephant and Castle 0 Not answered 30 Unknown coding Blank	136 13 1 126810 1 6538
1/22-23	10	If your journey involved travelling through London and you crossed central London from one British Rail terminus to another, at which terminus did you arrive	1 Euston 2 St. Pancras 3 Marylebone 4 Broad St. 5 Liverpool St. 6 Fenchurch St. 7 Kings Cross 8 Paddington 9 Waterloo S.E. 10 Waterloo S.W. 11 Victoria Central 12 Victoria S.E. 13 London Bridge Central 14 London Bridge S.E. 15 Cannon St. 16 (Holborn) (Blackfriars) 17 Charing Cross 18 Vauxhall 19 Elephant and Castle 0 Not answered	248 83 13 3 177 26 154 122 15 30 42 1 3 13 11 3 20 5 1 126592
1/24-25	11	What final British Rail station were you travelling to	2 - digit code 0 Not answered See appendix pages 34, 34a, 40, 42, 47	24
1/26-27	12	If you had to change from one British Rail train to another, location of terminus	2 - digit code 0 Not answered See appendix pages 36, 45, 50	105667
1/28-29	13	Short origin station	2 - digit code 0 Not answered See appendix page 85	84849
1/30-31	14	Required arrival time	2 - digit code 0 Not answered See appendix page 25	15128

CARD/COLUMN	VAR No	TITLE	CODES	MARGINALS
1/32-33	15	Required return departure time	2 - digit code 0 Not answered See appendix page 27	15200
1/34-35	16	Selected Return departure station	2 - digit code 0 Not answered See appendix pages 40, 42, 47	5743
1/36-37	17	Brighton area destinations (Southern Central only)	2 - digit code 0 Not answered See appendix pages 86, 87	84848
1/38-40	18	London Area destinations	3 - digit code 0 Not answered See appendix page 84	1238
1/41	19	What type of ticket do you use	1 First class 2 Second class 0 Not answered	33311 24225 6
1/42-44	20	If your mode of onward journey was by underground which London Transport station did you travel from	3 - digit code 0 Not answered Coding unknown	105797
1/45-47	21	If your mode of onward journey was by underground which London Transport station did you travel to	3 - digit code 0 Not answered See appendix pages 79-82	105871
1/48-50	22	At which London Transport Underground station did you have to change from one train to another if necessary	3 - digit code 0 Not answered See appendix page 83	122202
1/51	23	Weighting (Region data is made up to a 25% sample of travellers)	1) 2) 3) 4) 5) Coding unknown 6)	121380 4965 1046 146 10 6

CARD/COLUMN	VAR No	TITLE	CODES	MARGINALS
1/51	23	continued	7) 8) 9)	4 3 2
1/52-53	24	Origin Departure Time	2 - digit code See appendix page 26	
1/54-58	25	Full destination station code	5 - digit code 0 Not answered See Station Decode List	108
1/59	26	Major time band for arrival time	1 Up to 7000 hrs 2 7000 - 0814 hrs 3 0815 - 0914 hrs 4 0915 - 0959 hrs 5 1000 hrs and after 0 Not answered	1643 16884 79270 22130 7601 34
1/60-61	27	Selected destinations shorter list	2 - digit code 0 Not answered See appendix pages 41, 43, 48	3
1/62-73	28-33	<u>Southern Central, South West Main Line and South West Windsor Only</u>		
1/62-69	28-31	Where "normalised times" is referred to, this means required arrival or departure times adjusted to the equivalent of arrival/departure at the superior London terminus		
1/62-63	28	Normalised required arrival time	2 - digit code 0 Not answered See appendix page 25	21043
1/64-65	29	Normalised required departure time	2 - digit code 0 Not answered See appendix page 27	21112
1/66-67	30	Specified origins for normalised times	2 - digit code 0 Not answered Blank See appendix pages 46,49	3105

CARD/COLUMN	VAR No	TITLE	CODES	MARGINALS
1/68-69	31	Normalised destinations	2 - digit code 0 Not answered Blank See appendix pages 44,50	31118 86
1/70-71	32	Actual work/education start time	2 - digit code 0 Not answered See appendix page 25	10720
1/72-73	33	Actual work/education finish time	2 - digit code 0 Not answered See appendix page 27	10728
1/62-73	28-33	<u>Southern South East</u>		
1/62-63	28	Actual work/education start time	2 - digit code 0 Not answered See appendix page 25	4780
1/64-65	29	Actual work/education finish time	2 - digit code 0 Not answered See appendix page 27	4783
1/66-67	30	UNUSED	0 Not answered Blank	656 49087
1/68-69	31	UNUSED	0 Not answered Blank 6 Wild code 7 Wild code	621 49087 19 16
1/70-71	32	Actual work/education start time (special time bands)	2 - digit code 0 Not answered See appendix page 88	4408
1/72-73	33	Actual work/education finish time (special time bands)	2 - digit code 0 Not answered See appendix page 88	4411
		<u>For all divisions</u>		
1/74-78	34	Full destination area	5 - digit code See External Zone Gazetteer and map for GLTS codes	
1/79-80		U N U S E D	U N U S E D	

CARD/COLUMN	VAR No	TITLE	CODES	MARGINALS
1/1-2		Card Number	01 CARD ONE	8387
1/3-7	1	Origin station number	5 - digit code See Station Decode List	
1/8	2	What was the main purpose of your journey	1 To or from work 2 On business other than to or from work 3 Shopping 4 Sport, entertainment 5 To or from school/college as student 6 Other purposes Blank Wild code	6033 893 166 75 738 480 2
1/9	3	Distance from address at which you started, to origin station	1 Under $\frac{1}{2}$ mile 2 $\frac{1}{2}$ - 1 mile 3 1 - 2 miles 4 2 - 4 miles 5 4 - 10 miles 6 Over 10 miles 0 Not answered	1701 1838 1666 1505 834 671 172
1/10-11	4	Mode of travel to origin station	1 Walked all the way 2 Cycle or motor cycle 3 Red arrow bus 4 Other bus/coach 5 Waterloo and city line 6 Underground 7 Taxi 8 Sea/Air 9 Car driver 10 Car passenger 11 Train 0 Not answered 90 Wild code	3173 254 20 1022 8 441 124 6 1689 1183 458 8 1
1/12	5	Details given by car drivers and passengers on parking	<u>Car driver</u> 1 Car driven away 2 Parked at station 3 Parked off street 4 Parked on street <u>Car passenger</u> 5 Car driven away 6 Parked at station 7 Parked off street	 191 846 561 685 948 91 66

CARD/COLUMN	VAR No	TITLE	CODES	MARGINALS
1/12	5	continued	8 Parked on street 9 Driver or passenger not stated 0 Not answered/not applicable	14 - 4985
1/13	6	How did you continue your journey onwards from your destination station	1 Walked all the way 2 Cycle or motor cycle 3 Red arrow bus 4 Other bus/coach 5 Waterloo and City line 6 Underground 7 Taxi 8 Sea/Air 9 Car 0 Not answered	2670 13 35 758 10 3712 258 2 346 583
1/14	7	How many cars does your family have regularly available for use	0 None/or no answer 1 One car 2 Two cars 3 Three or more cars	2404 4280 1481 222
1/15-19	8	Origin area code	5 - digit code See External Zone Gazetteer and map for GLTS codes	
1/20-21	9	If your journey involved travelling through London and you crossed central London from one British Rail terminus to another which terminus did you depart from	<u>Station</u> 1 Euston 2 St. Pancras 3 Marylebone 4 Broad St. 5 Liverpool St. 6 Fenchurch St. 7 Kings Cross 8 Paddington 9 Waterloo S.E. 10 Waterloo S.W. 11 Victoria Central 12 Victoria S.E. 13 London Bridge Central 14 London Bridge S.E. 15 Cannon St. 16 Holborn 17 Blackfriars 18 Charing Cross 19 Vauxhall 20 Elephant & Castle 0 Not answered	13 21 17 - 57 13 32 112 16 22 117 - - - 4 1 3 70 - 13 7876

CARD/COLUMN	VAR No	TITLE	CODES	MARGINALS
1/22-23	10	If your journey involved travelling through London and you crossed central London from one British Rail terminus to another at which terminus did you arrive	1 Euston 2 St. Pancras 3 Marylebone 4 Broad St. 5 Liverpool St. 6 Fenchurch St. 7 Kings Cross 8 Paddington 9 Waterloo S.E. 10 Waterloo S.W. 11 Victoria Central 12 Victoria S.E. 13 London Bridge Central 14 London Bridge S.E. 15 Cannon St. 16 Holborn/Blackfriars 17 Charing Cross 18 Vauxhall 19 Elephant & Castle 0 Not answered	18 11 3 - 27 4 10 370 4 7 9 9 - 2 1 1 16 4 12 7879
1/24-25	11	What final British Rail station were you travelling to	2 - digit code 0 Not answered See appendix page 73	997
1/26-27	12	If you had to change from one British Rail train to another, location of terminus	2 - digit code 0 Not answered See appendix page 78	7792
1/28-29	13	Short origin station	2 - digit code See appendix page 75	
1/30-31	14	Required Arrival time	2 - digit code 0 Not answered See appendix page 32	1616
1/32-33	15	Required Return departure time	2 - digit code See appendix page 33	
1/34-35	16	Selected Return departure station	2 - digit code 0 Not answered See appendix page 73	2414

CARD/COLUMN	VAR No	TITLE	CODES	MARGINALS
1/36-37	17	Home destination station	2 - digit code 0 Not answered See appendix page 75	1154
1/38-40	18	London Area destinations	3 - digit code 0 Not answered See appendix page 76	9
1/41	19	What type of ticket do you use	1 First class 2 Second class 0 Not answered	833 7552 2
1/42-44	20	If your mode of onward journey was by underground which London Transport Station did you travel from	3 - digit code 0 Not answered See appendix pages 13,77	5166
1/45-47	21	If your mode of onward journey was by underground which London Transport Station did you travel to	3 - digit code 0 Not answered See appendix pages 79 - 82	4481
1/48-50	22	At which London Transport Underground Station did you have to change from one train to another if necessary	3 - digit code 0 Not answered See appendix page 83	7611
1/51	23	Weighting (data made up to a 25% sample of travellers)	1 } Coding unknown 8 }	8383 4
1/52-53	24	Origin departure time	2 - digit code See appendix page 32	
1/54-55	25	Effective destination	2 - digit code See appendix page 74	
1/56-80		U N U S E D	U N U S E D	

1009

HOM
TAR



Southern

**London Origin & Destination
Survey 1971/1972**

**External Zone Gazetteer
- Decode**

**Economic Survey Office
Waterloo
July 1972**

900	00	Chatham	MB
	01	Gillingham	MB
	02	Gravesend	MB
	03	Northfleet	UD
	04	Rochester	MB
	05	Swanscombe	UD

Strood R.D.

	10	Allhallows	
	11	Cliffe	
	12	Cobham	
	13	Cuxton	
	14	Frindsbury	
	15	Halling	
	16	Higham	
	17	High Halstow	
	18	Hoo St. Werburgh	
	19	Isle of Grain	
	20	Meopham	
	21	Shorne	
	22	Stoke	

Dartford R.D. (part)

	50	Ash-cum-Ridley	
	51	Eynsford	
	52	Farningham	
	53	Fawkham	
	54	Hartley	
	55	Horton Kirby	
	56	Longfield	
	57	Southfleet	
	58	West Kingsdown	

901	00	Maidstone	MB
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Malling R.D.

901	10	Addington	
	11	Aylesford	
	12	Birling	
	13	Borough Green	
	14	Burham	
	15	Ditton	
	16	Ightham	
	17	Leybourne	
	18	E. Malling & Larkfield	
	19	W. Malling	
	20	Mereworth	
	21	Offham	
	22	E. Peckham	
	23	W. Peckham	
	24	Platt	
	25	Plaxtol	
	26	Ryarsh	
	27	Shipbourne	
	28	Snodland	
	29	Stanstead	
	30	Trottscliffe	
	31	Wateringbury	
	32	Wouldham	
	33	Wrotham	

Maidstone R.D.

901	50	Barming	
	51	Bearsted	
	52	Boughton Monchelsea	
	53	E. Farleigh & Cox Heath	
	54	W. Farleigh	
	55	Hunton	
	56	Linton	

901	57	Loose	
	58	Marden	
	59	Nettlestead	
	60	Otham	
	61	Staplehurst	
	62	Teston	
	63	Yalding	

902	00	Tunbridge Wells	MB
	01	Sevenoaks	UD
	02	Southborough	UD
	03	Tonbridge	UD

Sevenoaks R.D.

902	10	Brasted	
	11	Chevening	
	12	Chiddingstone	
	13	Cowden	
	14	Dunton Green	
	15	Edenbridge	
	16	Halstead	
	17	Hever	
	18	Kemsing	
	19	Knockholt	
	20	Leigh	
	21	Otford	
	22	Penshurst	
	23	Riverhead	
	24	Seal	
	25	Sevenoaks Weald	
	26	Shoreham	
	27	Sundridge	
	28	Westerham	

Tonbridge R.D.

902	50	Bidborough	
	51	Brenchley	
	52	Capel	
	53	Hadlow	
	54	Hildenborough	
	55	Horsmonden	
	56	Lamberhurst	
	57	Paddock Wood	
	58	Pembury	
	59	Speldhurst	

Godstone R.D.

903	10	Bletchingley
	11	Burstow
	12	Chelsham
	13	Crowhurst
	14	Felbridge
	15	Godstone
	16	Horne
	17	Langhurst
	18	Lingfield
	19	Nutfield
	20	New Oxted
	21	Tandridge
	22	Tatsfield
	23	Titsey

904	00	East Grinstead U.D.
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Uckfield R.D.

904	10	Buxted
	11	Crowborough
	12	Chelwood
	13	Fletching
	14	Forest Row
	15	Framfield
	16	Frant
	17	Hadlow Down
	18	Hartfield
	19	Isfield
	20	Little Horstead
	21	Maresfield
	22	Mayfield
	23	Rotherfield
	24	Uckfield
	25	Wadhurst
	26	Withyham

905	00	Canterbury C.B.
	01	Broadstairs U.D.
	02	Faversham M.B.
	03	Herne Bay U.D.
	04	Margate M.B.
	05	Queenborough in Sheppey M.B.
	06	Ramsgate M.B.
	07	Sandwich M.B.
	08	Sittingbourne U.D.
	09	Whitstable U.D.

Swale R.D.

905	10	Badlesmere
	11	Bapchild
	12	Bobbing
	13	Borden
	14	Boughton
	15	Bredgar
	16	Buckland
	17	Doddington
	18	Dunkirk

905	19	Eastling
	20	Graveney
	21	Halstow
	22	Hartlip
	23	Hernhill
	24	Kingsdown
	25	Luddenham
	26	Lynsted
	27	Newington
	28	Newnham
	29	Oare
	30	Ospringe
	31	Selling
	32	Sheldwich
	33	Stalisfield
	34	Teynham
	35	Throwley
	36	Tonge
	37	Tunstall
	38	Upchurch

Bridge Blean R.D.

905	40	Adisham
	41	Barham
	42	Bekesbourne
	43	Bishopsbourne
	44	Blean
	45	Bridge
	46	Chartham
	47	Chislet
	48	Fordwich
	49	Hackington
	50	Harbledown
	51	Hoath
	52	Ickham
	53	Kingston
	54	Littlebourne
	55	Lower Hardres
	56	Patricxbourne
	57	Petham
	58	Sturry
	59	Thanington
	60	Upper Hardres
	61	Waltham
	62	West Bere
	63	Wickhambreaux
	64	Womenswold

Eastry R.D.

905	70	Acol
	71	Ash
	72	Aylesham
	73	Eastry
	74	Eythorne
	75	Goodnestone
	76	Minster
	77	Monkton
	78	Nonington
	79	Northbourne
	80	Preston
	81	Ripple
	82	Sholden
	83	Staple
	84	St.Nicholas at Wade
	85	Stourmouth
	86	Sutton
	87	Tilmanstone
	88	Wingham
	89	Woodnesborough
	90	Worth

906	38	Shadoxhurst
	39	Smarden
	40	Westwell
907	00	Ashford U.D.
	01	Deal M.B.
	02	Dover M.B.
	03	Folkestone M.B.
	04	Hythe M.B.

Dover R.D.

907	10	Alkham
	11	Capel-le-Ferne
	12	Denton
	13	Guston
	14	Hougham-Without
	15	Langdon
	16	Lydden
	17	Ringwould
	18	Siberstwald
	19	St.Margaret's-at-Cliffe
	20	Temple Ewell
	21	Whitfield

Hollingbourne R.D.

906	00	Bicknor
	01	Boughton Malherbe
	02	Boxley
	03	Bredhurst
	04	Broomfield
	05	Chart Sutton
	06	Detling
	07	E.Sutton
	08	Frinted
	09	Harrietsham
	10	Headcorn
	11	Hollingbourne
	12	Hucking
	13	Langley
	14	Leeds
	15	Lenham
	16	Otterden
	17	Stockbury
	18	Sutton Valence
	19	Thurnham
	20	Ulcombe
	21	Wychling
	22	Wormshill

East Ashford R.D.

907	30	Aldington
	31	Bilsington
	32	Bonnington
	33	Boughton Aluph
	34	Brabourne
	35	Brook
	36	Challock
	37	Chilham
	38	Crundale
	39	Eastwell
	40	Godmersham
	41	Hastingleigh
	42	Hinxhill
	43	Mersham
	44	Molash
	45	Orlestone
	46	Ruckinge
	47	Sevington
	48	Smeeth
	49	Warehorne
	50	Wye

West Ashford R.D.

906	30	Bethersden
	31	Charing
	32	Chart, Great
	33	Chart, Little
	34	Egerton
	35	Hothfield
	36	Kingsnorth
	37	Pluckley

909	72	Polegate	<u>Horsham R.D.</u>		
	73	Ripe			
	74	Selmeaton	914	10	Billingshurst
	75	Waldron		11	Cowfold
	76	Warbleton		12	Denne Park
	77	Wartling		13	Graylands
	78	West Dean		14	Itchingfield
	79	Westham		15	Lower Beeding
	80	Willingdon			
	81	Wilmington			

910 00 Reigate M.B.

Dorking & Horley R.D. (part)

910	10	Charlwood
	11	Horley
	12	Leigh
911	10	Gatwick Airport
912	00	Dorking U.D.

Dorking & Horley R.D. (part)

912	10	Abinger
	11	Betchworth
	12	Buckland
	13	Capel
	14	Headley
	15	Holmwood
	16	Newdigate
	17	Ockley
	18	Wotton
913	00	Burgess Hill U.D.
	01	Cuckfield U.D.

Cuckfield R.D.

913	10	Albourne
	11	Ardingly
	12	Balcombe
	13	Bolney
	14	Clayton
	15	Cuckfield Rural
	16	Fulking
	17	Horsted Keynes
	18	Hurstpierpoint
	19	Keymer
	20	Lindfield Rural
	21	Newtimber
	22	Poynings
	23	Pyecombe
	24	Slaugham
	25	Twineham
	26	West Hoathly
	27	Worth
914	00	Crawley U.D.
	01	Horsham U.D.

914	16	Nuthurst	
	17	Rudgwick	
	18	Rusper	
	19	Shipley	
	20	Slinfold	
	21	Warnham	
	22	West Grinstead	

915	00	Godalming	MB
	01	Haslemere	UD

HAMBLEDON R.D.

915	10	Alfold	
	11	Branley	
	12	Busbridge	
	13	Ghiddingfold	
	14	Cranleigh	
	15	Dockenfield	
	16	Dunsfold	
	17	Elstead	
	18	Ewhurst	
	19	Frensham	
	20	Hambledon	
	21	Hascombe	
	22	Peper Harow	
	23	Thursley	
	24	Tilford	
	25	Witley	
	26	Wonersh	
916	00	Brighton	CB
	01	Hove	MB
	02	Lewes	MB
	03	Newhaven	UD
	04	Portslade-by-Sea	UD
	05	Seaford	UD

CHAILEY R.D.

916	10	Barcombe	
	11	Beddingham	
	12	Chailey	
	13	Ditchling	
	14	East Chilmington	
	15	Falmer	
	16	Glynde	
	17	Hamsey	
	18	Iford	
	19	Kingston-near-Lewes	
	20	Newick	
	21	Peacehaven	
	22	Piddinghoe	
	23	Plumpton	
	24	Ringmer	
	25	Rodmell	
	26	St. Ann without	
	27	St. John Without	
	28	Southease	
	29	South Heighton	

916	30	South Malling Without	
	31	Streat	
	32	Tarring Neville	
	33	Telscombe	
	34	West Firle	
	35	Westmeston	
	36	Wivelsfield	

917	00	Littlehampton	UD
	01	Shoreham-by-Sea	UD
	02	Southwick	UD
	03	Worthing	MB

CHANCTONBURY R.D.

917	10	Amberley	
	11	Ashington	
	12	Ashurst	
	13	Bramber	
	14	Coldwaltham	
	15	Henfield	
	16		
	17	Pulborough	
	18	Shermanbury	
	19	Steyning	
	20	Storrington	
	21	Sullington	
	22	Thakeham	
	23	Upper Beeding	
	24	Washington	
	25	West Chilmington	
	26	Wiston	
	27	Woodmancote (Chantonbury)	

WORTHING R.D.

917	50	Angmering	
	51	Burpham	
	52	Clapham	
	53	Coombes	
	54	East Preston	
	55	Ferring	
	56	Findon	
	57	Houghton	
	58	Kingston	
	59	Lancing	
	60	Lyminster	
	61	Patching	
	62	Poling	
	63	Rustington	
	64	Sompting	
	65	Warningcamp	

918	00	Arundel	MB
	01	Bognor Regis	UD
	02	Chichester	MB

CHICHESTER R.D.

918	10	Aldingbourne	
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918	11	Appledram
	12	Barnham
	13	Bersted
	14	Birdham
	15	Bosham
	16	Boxgrove
	17	Chidham
	18	Climping
	19	Compton
	20	Downington
	21	Eartham
	22	Earnley
	23	East Dean (Chichester)
	24	Eastergate
	25	East Wittering
	26	Ford
	27	Funtington
	28	Hunston
	29	Lavant
	30	Madehurst
	31	Middleton-on-Sea
	32	North Mundham
	33	Oving
	34	Pagham
	35	Selsey
	36	Sidlesham
	37	Singleton
	38	Slindon
	39	Stoughton
	40	Tangmere
	41	Tortington
	42	Walberton
	43	Westbourne
	44	West Dean
	45	Westhampnett
	46	West Itchenor
	47	West Thorney
	48	West Wittering
	49	Yapton

MIDHURST R.D.

918	50	Bpton
	51	Chithurst
	52	Cocking
	53	Easbourne
	54	East Lavington
	55	Elsted
	56	Fernhurst
	57	Graffham
	58	Harting
	59	Heyshott
	60	Iping
	61	Linch
	62	Linchmere
	63	Lodsworth
	64	Lurgashall
	65	Midhurst
	66	North Ambersham
	67	Rogate

918	68	South Ambersham
	69	Stedham
	70	Tillington
	71	Treyford
	72	Trotton
	73	West Lavington
	74	Woolbeding

PETWORTH R.D.

918	80	Barlavington
	81	Bignor
	82	Bury
	83	Duncton
	84	Fittleworth
	85	Kirdford
	86	Loxwood
	87	Northchapel
	88	Petworth
	89	Plaistow
	90	Stopham
	91	Sutton (Horsham)
	92	Wisborough Green

919	00	Portsmouth	CB
	01	Alton	UD
	02	Gosport	MB
	03	Fareham	UD
	04	Havant & Waterloo	UD
	05	Petersfield	UD
	06	Isle of Wight	

ALTON R.D.

919	10	Bentley (Alton)
	11	Bentworth
	12	Bins ed
	13	Chawton
	14	East Tisted
	15	Farringdon
	16	Four Marks
	17	Froyle
	18	Grayshott
	19	Headley (Alton)
	20	Kingsley
	21	Lasham
	22	Medstead
	23	Newton Valence
	24	Ropley
	25	Selbourne
	26	Shalden
	27	West Tisted
	28	Whitehill
	29	Wield
	30	Worldham

DROXFORD R.D.

919	50	Bishop's Waltham
	51	Boarhunt
	52	Corhampton & Meonstoke
	53	Curdrige
	54	Denmead
	55	Droxford
	56	Durley
	57	Exton
	58	Hambleton
	59	Shedfield
	60	Soberton
	61	Southwick & Widley
	62	Swannore
	63	Upham
	64	Warnford
	65	Westmeon

PETERSFIELD R.D.

919	80	Branshott
	81	Buriton
	82	Clanfield
	83	Colemore & Priors Dean
	84	Eastmeon
	85	Froxfield
	86	Greatham
	87	Hawkley
	88	Horndean
	89	Langrish
	90	Liss
	91	Rowlands Castle
	92	Steep

920	00	Guildford	MB
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GUILDFORD R.D.

920	10	Albury
	11	Artington
	12	Ash
	13	Compton
	14	East Clandon
	15	East Horsley
	16	Effingham
	17	Normandy
	18	Ockham
	19	Pirbright
	20	Puttenham
	21	Ripley
	22	St. Martha
	23	Seale
	24	Send
	25	Shackleford
	26	Shalford
	27	There

920	28	Wanborough
	29	West Clandon
	30	West Horsley
	31	Wisley
	32	Worplesdon

921	00	Woking	UD
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922	00	Chertsey	UD
	01	Egham	UD

BAGSHOT R.D.

922	10	Bisley
	11	Chobham
	12	Windsesham

HARTLEY WINTNEY

923	00	Farnham	UD
	01	Frimley & Camberley	UD
	02	Aldershot	MB
	03	Farnborough	UD
	04	Fleet	UD

HARTLEY WHITNEY R.D.

923	10	Bramshill
	11	Crondall
	12	Crookham
	13	Dogmersfield
	14	Eversley
	15	Greywell
	16	Hartley Wintney
	17	Hawley
	18	Heckfield
	19	Hook (Hartley Wintney)
	20	Long Sutton
	21	Mattingley
	22	Odiham
	23	Rotherwick
	24	South Warnborough
	25	Winchfield
	26	Yately

924	00	Andover	MB
	01	Basingstoke	MB

925	00	Southampton
	01	Eastleigh
	02	Romsey MB
	03	Winchester MB

Winchester R.D.

925	10	Abbotts Barton
	11	Beauworth
	12	Bighton
	13	Bishop's Sutton
	14	Boorley Green
	14	Botley
	15	Bramdean
	16	Brixedone
	16	Bursledon
	17	Cheriton
	18	Chilcomb
	19	Colden Common
	20	Compton
	21	Crawley
	22	Crowdhill
	23	Crowsport
	24	Headbourne Worthy
	25	Hedge End
	26	Hound
	27	Hursley
	28	Itchen Stoke & Ovington
	29	Itchen Valley
	30	Kilmiston
	31	Kings Worthy
	32	Littleton
	33	Micheldever
	34	New Alresford
	35	Northington
	36	Old Alresford
	37	Olivers Battery
	38	Otterbourne
	39	Owslebury
	40	Spearywell
	41	Tichborne
	42	Twyford
	43	West End
	44	Wonston

Romsey & Stockridge R.D.

925	50	Ampfield
	51	Ashley
	52	Bossington
	53	Braishfield
	54	Broughton
	55	Buckholt
	56	Chilworth
	57	East Dean
	58	East Tytherley
	59	-
	60	Houghton
	61	Kings Somborne
	62	Leckford
	63	Little Somborne
	64	Lockerley
	65	Long Sutton

925	66	Melchet Park & Plattford
	67	Michelmesh
	68	Mottisfont
	69	Nether Wallop
	70	North Baddesley
	71	Nursling & Rowhams
	72	Over Wallop
	73	Ridge
	74	Sherfield English
	75	Stockbridge
	76	Wellow
	77	West Tytherley

926	00	Bournemouth C.B.
	01	Christchurch M.B.
	02	Lymington M.B.
	03	Poole M.B.

New Forest R.D.

926	10	Beaulieu
	11	Batramsley
	12	Bramshaw
	13	Brockenhurst
	14	Cadnam
	15	Denny Lodge
	16	Dibden
	17	East Boldre
	18	Eling
	19	Exbury & Lepe
	20	Fawley
	21	Lyndhurst
	22	Marchwood
	23	Minstead
	24	Netley Marsh
	25	Rhinefield
	26	Shirley Holmes

Ringwood & Fordingbridge R.D.

926	50	Breamore
	51	Burley
	52	Burton
	53	Damerham
	54	Ellingham
	55	Eyeworth
	56	Hale
	57	Hamer
	58	Hurn
	59	Martin
	60	North Kingston
	61	Rockbourne
	62	St. Ives
	63	Sopley
	64	Whitsbury
	65	Woodgreen

927	00	Blandford Forum M.B.
	01	Swanage U.D.
	02	Wareham M.B.
	03	Wimborne Minster U.D.

Blandford R.D.

927	10	Anderson
	11	Blandford St. Mary
	12	Bryanston
	13	Charisworth
	14	Chettle
	15	Durweston
	16	Farnham
	17	Hilton
	18	Iwerne Courtney
	19	Langton Long Blandford
	20	Milborne St. Andrew
	21	Milton Abbas
	22	Pimperne
	23	Spetisbury
	24	Steepleton
	25	Stourpaine
	26	Tarrant Crawford
	27	Tarrant Gunville
	28	Tarrant Hinton
	29	Tarrant Keyneston
	30	Tarrant Launceston
	31	Tarrant Monkton
	32	Tarrant Rawston
	33	Tarrant Rushton
	34	Turnworth
	35	Winterborne Clenston
	36	Winterborne Houghton
	37	Winterborne Kingston
	38	Winterborne Stickland
	39	Winterborne Whitechurch
	40	Winterborne Zelston

Wimborne & Cranborne R.D.

927	50	Alderholt
	51	Chalbury
	52	Colehill
	53	Corfe Mullen
	54	Cranborne
	55	Edmondsham
	56	Gussage All Saints
	57	Gussage St. Michael
	58	Hampreston
	59	Hinton Martell
	60	Hinton Parva
	61	Holt
	62	Horton
	63	Long Crichel
	64	Moor Crichel
	65	Pamphill
	66	Parley Cross
	67	Shapwick
	68	Sixpenny Handley
	69	Sturminster Marshall
	70	Three Legged Cross
	71	West Moors
	72	West Parley

927	73	Wimborne St. Giles
	74	Witchampton
	75	Woodlands

Wareham & Purbeck R.D.

927	80	Affpuddle
	81	Arne
	82	Bere Regis
	83	Bloxwirth
	84	Chaldon Heering
	85	Coombe Keynes
	86	Corfe Castle
	87	East Lulworth
	88	East Stoke
	89	Harman's Cross
	90	Lytchett Maltravers
	91	Lytchett Minster
	92	Moreton
	93	Tyneham
	94	Studland
	95	Turner's Puddle
	96	Wareham St. Martin
	97	West Lulworth
	98	Winfrith Newburgh
	99	Wool
928	00	Dorchester M.B.
	01	Portland U.D.
	02	Weymouth & Melcombe Regis M.B.

Dorchester R.D.

928	10	Abbotsbury
	11	Alton Pancras
	12	Athelhampton
	13	Bincombe
	14	Bradford Peverell
	15	Broadmayne
	16	Brockhampton Green
	17	Burleston
	18	Cattistock
	19	Cerne Abbas
	20	Charminster
	21	Cheselbourne
	22	Chickerell
	23	Chilfrome
	24	Compton Valence
	25	Dewlish
	26	Frampton
	27	Frome St. Quentin
	28	Frome Vauchurch
	29	Fleet
	30	Goodmanston
	31	Kingston Russell
	32	Langton Heering
	33	Little Bredy
	34	Long Bredy
	35	Maiden Newton
	36	Melcombe Horsey
	37	Minterne
	38	Nether Cerne

928	39	Osmington
	40	Owermoigne
	41	Pentridge
	42	Piddletrenthide
	43	Portesham
	44	Poxwell
	45	Puddletown
	46	Stinsford
	47	Stratton
	48	Sydling St. Nicholas
	49	Tinleton
	50	Tolpuddle
	51	Toller Fratrum
	52	Toller Porcorum
	53	West Compton
	54	Warmwell
	55	Watercombe
	56	Up Cerne

929	00	Salisbury M.B.
	01	Wilton M.B.

Salisbury & Wilton R.D.

929	10	Alderbury
	11	Barford St. Martin
	12	Berwick St. James
	13	Bishopstone Near Salisbury
	14	Bower Chalke
	15	Britford
	16	Broad Chalke
	17	Burcombe Without
	18	Clarendon Park
	19	Compton Chamberlayne
	20	Combe Bissett
	21	Dinton
	22	Downton
	23	Ebbershourne Wake
	24	Fovant
	25	Great Wishford
	26	Grimstead
	27	Landford
	28	Laverstock
	29	Netherhampton
	30	Odstock
	31	Pitton & Farley
	32	Quidhampton
	33	Redlynch
	34	South Newton
	35	Stapleford
	36	Steeple Langford
	37	West Dean
	38	Whiteparish
	39	Winterslow
	40	Wylve

Amesbury R.D.

929	50	Allington
	51	Amesbury
	52	Bulford
	53	Cholderton
	54	Durnford
	55	Durrington
	56	Figheldean
	57	Gomeldon
	58	Milston
	59	Newton Toney
	60	Orcheston St. George
	61	Rollestone
	62	Tilshead
	63	Wilsford cum-Lake
	64	Winterbourne
	65	Winterbourne Stoke
	66	Woodford

Easthampstead R.D.

930	10	Binfield
	11	Bracknell
	12	Crowthorne
	13	Easthampstead
	14	Sandhurst
	15	Warfield
	16	Winkfield

Windsor R.D.

930	50	Old Windsor
	51	Sunningdale
	52	Sunninghill

931	00	Eton U.D.
	01	Slough M.B.

Eton R.D. (Part)

931	10	Burnham
	11	Datchet
	12	Dorney
	13	Farnham Royal
	14	Horton (Eton)
	15	Stoke Poges
	16	Taplow
	17	Wexham
	18	Wraysbury
932	00	Maidenhead M.B.
	01	New Windsor M.B.

Cookham R.D.

932 10 Bisham
 11 Bray
 12 Cookham
 13 Hurley
 14 Shottesbrooke
 15 Waltham St. Lawrence
 16 White Waltham

933 00 Reading C.B.
 01 Wokingham M.B.

Wokingham R.D.

933 10 Arborfield
 11 Barkham
 12 Earley
 13 Finchampstead
 14 Remenham
 15 Ruscombe
 16 -
 17 Shinfield
 18 Sonning
 19 Swallowfield
 20 Twyford
 21 Wargrave
 22 Winnersh
 23 Wokingham Without
 24 Woodley

Bradfield R.D.

934 10 Aldermaston
 11 Ashampstead
 12 Basildon
 13 Beech Hill
 14 Beenhan
 15 Bradfield
 16 Bucklebury
 17 Burghfield
 18 Englefield
 19 Frilsham
 20 -
 21 Padworth
 22 Pangbourne
 23 Purley
 24 Stanford Dingley
 25 Stratfield Mortimer
 26 Streatley
 27 Sulham
 28 Sulhamstead
 29 Sulhamstead Bannister
 30 Theale
 31 Tidmarsh
 32 Tilehurst
 33 Ufton Nervet
 34 Wokefield
 35 Yattendon

935 00 Henley-on-Thames M.B.

Henley R.D.

935 10 Bix
 11 Checkendon
 12 Crowmarsh Gifford
 13 Eye & Dunsden
 14 Goring
 15 Goring Heath
 16 Harpsden
 17 Highmoor
 18 Ipsden
 19 Kidmore End
 20 Mapledurham
 21 Nettlebed
 22 Nuffield
 23 Pishill
 24 Rotherfield Greys
 25 Rotherfield Peppard
 26 Shiplake
 27 Sonning Common
 28 South Stoke
 29 Stoke Row
 30 Swyncombe
 31 Whitchurch
 32 Woodcote

936 NEWBURY RURAL DISTRICT

10 - Boxford
 11 - Brimpton
 12 - Chieveley
 13 - Cold Ash
 14 - Enborne
 15 - Greenham
 16 - Hamstead Marshall
 17 - Leckhampstead
 18 - Midgham
 19 - Shaw-cum-Donnington
 20 - Speen
 21 - Thatcham
 22 - Wasing
 23 - Welford
 24 - Winterbourne
 25 - Woolhampton

936 HUNGERFORD RURAL DISTRICT

50 - Combe
 51 - East Garston
 52 - East Shefford
 53 - Hungerford
 54 - Inkpen
 55 - Kintbury
 56 - Lambourn
 57 - West Shefford
 58 - West Woodhay

937 HIGHWORTH RURAL DISTRICT

80 - Bishopstone
 81 - Blunsdon St. Andrew
 82 - Castle Eaton
 83 - Chisledon
 84 - Hannington
 85 - Haydon Wick
 86 - Highworth
 87 - Inglesham
 88 - Liddington
 89 - South Marston
 90 - Stanton Fitzwarren
 91 - Stratton St. Margaret
 92 - Wanborough
 93 - Wroughton

937 00 - Swindon M B
 01 - Marlborough M B

937 PEWSEY RURAL DISTRICT

10 - Alton Priors
 11 - Burbage
 12 - Charlton nr. Pewsey
 13 - Chute
 14 - Chute Forest
 15 - Collingbourne Ducis
 16 - Collingbourne Kingston

937 PEWSEY RURAL DISTRICT (Cont.)

17 - Easton Royal
 18 - Enford
 19 - Everleigh
 20 - Fittleton
 21 - Huish
 22 - Ludgershall
 23 - Manningford
 24 - Milton Lilbourne
 25 - Netheravon
 26 - North Newnton
 27 - North Tidworth
 28 - Pewsey
 29 - Rushall
 30 - Upavon
 31 - Wilcot
 32 - Wilsford
 33 - Woodborough
 34 - Wootton Rivers

937 MARLBOROUGH AND RAMSBURY RURAL DISTRICT

50 - Aldourne
 51 - Avebury
 52 - Baydon
 53 - Berwick Bassett
 54 - Broad Hinton
 55 - Buttermere
 56 - Chilton Foliat
 57 - East Kennett
 58 - Froxfield
 59 - Fyfield
 60 - Grafton
 61 - Great Bedwyn
 62 - Ham
 63 - Little Bedwyn
 64 - Mildenhall
 65 - Ogbourne St. Andrews
 66 - Ogbourne St. George
 67 - Preshute
 68 - Ramsbury
 69 - Savernake
 70 - Shalbourne
 71 - Tidcombe & Fosbury
 72 - West Overton
 73 - Winterbourne Bassett
 74 - Winterbourne Monkton

938 00 - WANTAGE U D

938 WANTAGE RURAL DISTRICT

10 - Aldworth
 11 - Ardington
 12 - Beedon
 13 - Blewbury
 14 - Brightwalton
 15 - Catmore
 16 - Chaddleworth
 17 - Childrey
 18 - Chilton

938 WANTAGE RURAL DISTRICT (Cont.)

19 - Compton
 20 - Denchworth
 21 - East Challow
 22 - East Hanney
 23 - East Hendred
 24 - East Ilsley
 25 - Farnborough
 26 - Fawley
 27 - Goosey
 28 - Grove
 29 - Hampstead Norris
 30 - Harwell
 31 - Hermitage
 32 - Letcombe Bassett
 33 - Letcombe Regis
 34 - Lockinge
 35 - Peasemore
 36 - Sparsholt
 37 - Upton
 38 - West Challow
 39 - West Hanney
 40 - West Hendred
 41 - West Ilsley

938 FARINGDON RURAL DISTRICT

50 - Ashbury
 51 - Baulking
 52 - Bourton
 53 - Buckland
 54 - Burcot
 55 - Charney Bassett
 56 - Coleshill
 57 - Compton Beauchamp
 58 - Eaton Hastings
 59 - Fernham
 60 - Great Coxwell
 61 - Faringdon
 62 - Hatford
 63 - Hinton Waldrist
 64 - Kingston Lisle
 65 - Little Coxwell
 66 - Littleworth
 67 - Longcot
 68 - Longworth
 69 - Pusey
 70 - Shellingford
 71 - Shrivenham
 72 - Stanford-in-the-Vale
 73 - Uffington
 74 - Watchfield
 75 - Woolstone

939 00 - Abingdon M B
 01 - Wallingford M B

939 ABINGDON RURAL DISTRICT

10 - Appleford
 11 - Appleton
 12 - Besselsleigh
 13 - Cumnor
 14 - Draycott Moor
 15 - Drayton
 16 - Frilford
 17 - Fyfield & Tubney
 18 - Garford
 19 - Kennington
 20 - Kingston Bagpuize
 21 - Lyford
 22 - Marcham
 23 - Milton
 24 - North Hinksey
 25 - Radley
 26 - St. Helen Without
 27 - South Hinksey
 28 - Steventon
 29 - Sunningwell
 30 - Sutton Courtenay
 31 - Wooton
 32 - Wytham

939 WALLINGFORD RURAL DISTRICT

50 - Aston Tirrold
 51 - Aston Upton
 52 - Brightwell
 53 - Cholsey
 54 - Didcot
 55 - East Hagbourne
 56 - Little Wittenham
 57 - Long Wittenham
 58 - Moulsoford
 59 - North Moreton
 60 - South Moreton
 61 - West Hagbourne

940 00 - Chesham U D

940 AMERSHAM RURAL DISTRICT

10 - Amersham
 11 - Ashley Green
 12 - Chalfont St. Giles
 13 - Chalfont St. Peter
 14 - Chartridge
 15 - Chenies
 16 - Chesham Bois
 17 - Cholsbury-cum-St. Leonards
 18 - Coleshill
 19 - Great Missenden
 20 - Latimer
 21 - The Lee
 22 - Little Missenden
 23 - Penn
 24 - Seer Green

941 00 - Beaconsfield U D
 01 - Marlow U D
 02 - High Wycombe M B

941 10 Bledlow-cum-Saunderton
 11 Bradenham
 12 Chepping Wycombe
 13 Ellesborough
 14 Fawley
 15 Fingest & Lane End
 16 Hambledon
 17 Hampden
 18 Hedsor
 19 Hughenden
 20 Ibstone
 21 Kimble Wick
 22 Lacey Green
 23 Longwick-cum-Ilmer
 24 Marlow Bottom
 25 Marlow Great
 26 Medmenham
 27 Princes Risborough
 28 Radnage
 29 Stokenchurch
 30 Turnville
 31 Wooburn
 32 West Wycombe

941 50 Fulmer
 51 Gerrards Cross
 52 Hodgerley

942 00 Aylesbury M.B.

Aylesbury n.D.

942 10 Ashendon
 11 Aston Clinton
 12 Aston Sandford
 13 Brierton with Broughton
 14 Boarstall
 15 Brill
 16 Buckland
 17 Chearsley
 18 Cnilton
 19 Creslow
 20 Cuddington
 21 Dinton-with-Ford & Upton
 22 Dorton
 23 Drayton Beauchamp
 24 Fleet Marston
 25 Grendon Underwood
 26 Haddenham
 27 Hatton
 28 Hardwick
 29 Hartwell
 30 Hulcott
 31 Ickford
 32 Kingsey
 33 Kingswood
 34 Long Crendon
 35 Ludgershall
 36 Oakley
 37 Oving

942 33 Pitencott
 39 Quairton
 40 Quarrendon
 41 Shabbington
 42 Stoke Mandeville
 43 Upper Hartwell
 44 Waddesdon
 45 Weedon
 46 Wendover
 47 Westcott
 48 Weston Turville
 49 Whitchurch
 50 Winchendon Lower
 51 Winchendon Upper
 52 Woodham
 53 Worminghall
 54 Wotton Underwood

943 00 - Oxford C B
01 - Thame U D

943 BULLINGDON RURAL DISTRICT

10 - Adwell
11 - Aston Rowant
12 - Beckley
13 - Benson
14 - Berrick Salome
15 - Brightwell Baldwin
16 - Britwell
17 - Chalgrove
18 - Chinnor
19 - Clifton Hampden
20 - Crowell
21 - Cuddesdon
22 - Culham
23 - Cuxham
24 - Denton
25 - Dorchester
26 - Drayton St. Leonards
27 - Elsfield
28 - Ewelme
29 - Forest Hill
30 - Garsington
31 - Great Haseley
32 - Great Milton
33 - Holton
34 - Horspath
35 - Lewtnor
36 - Little Milton
37 - Littlemore
38 - Marsh Baldon
39 - Marston
40 - Newington
41 - Nuneham - Courtenay
42 - Pyrton
43 - Risinghurst & Sandhills
44 - Sandford-on-Thames
45 - Shirburn
46 - Stadhampton
47 - Stanton St. John
48 -
49 - Sydenham
50 - Testworth
51 - Thomley
52 - Tiddington with Albury
53 - Toot Baldon
54 - Towersey
55 - Warborough
56 - Waterperry
57 - Waterstock
58 - Watlington
59 - Wheatfield
60 - Wheatley
61 - Woodeaton

944 00 - Chipping Norton
01 - Witney

944 WITNEY RURAL DISTRICT

10 - Alvescot
11 - Asthall
12 - Aston Bampton
13 - Bampton
14 - Black Bourton
15 - Bladon
16 - Brize Norton
17 - Broadwell
18 - Burford
19 - Cassington
20 - Clanfield
21 - Crawley
22 - Curbridge
23 - Ducklington
24 - Eynsham
25 - Filkins
26 - Freeland
27 - Fulbrook
28 - Hailey
29 - Handborough
30 - Hardwick-with- Yelford
31 - Grafton
32 - Kencott
33 - Langford
34 - Lew
35 - Little Farrington
36 - Minster Lovell
37 - North Leigh
38 - Northmoor
39 - Ramsden
40 - Shilton
41 - Southleigh
42 - Standlake
43 - Stanton Harcourt
44 - Swinbrook
45 - Taynton

944 CHIPPING NORTON RURAL DISTRICT

50 - Ascot d'Oyley
51 - Blenheim
52 - Bruern
53 - Chadlington
54 - Charlbury
55 - Chastleton
56 - Chilson
57 - Churchill
58 - Combe
59 - Combury
60 - Comwell
61 - Enstone
62 - Fawler
63 - Fifield
64 - Firststock
65 - Glympton

944 CHIPPING NORTON RURAL DISTRICT

66 - Great Tew
 67 - Heythrop
 68 -
 69 - Idbury
 70 - Kiddington
 71 - Kingham
 72 - Leafield
 73 - Little Tew
 74 - Lyneham
 75 - Milton-U-Wychwood
 76 - Over Norton
 77 - Rollright
 78 - Rousham
 79 - Salford
 80 - Sand St. Martin
 81 - Sarsden
 82 - Shipton-U-Wychwood
 83 - Spelsbury
 84 - Steeple Barton
 85 - Stonesfield
 86 - Swerford
 87 - Tackley
 88 - Westcot Barton
 89 - Wootton
 90 - Worton

945 00 - Banbury M B
 01 - Bicester U D

945 BANBURY RURAL DISTRICT

10 - Alkerton
 11 - Barford (St. John & St. Michael)
 12 - Bloxham
 13 - Bodicote
 14 - Bourton
 15 - Broughton
 16 - Claydon
 17 - Cropredy
 18 - Deddington
 19 - Drayton
 20 - Duns Tew
 21 - Aderbury East
 22 - Epwell
 23 - Hanwell
 24 - Hook Norton
 25 - Horley
 26 - Hornton
 27 - Middle Aston
 28 - Milcombe
 29 - Milton
 30 - Mollington
 31 - North Aston
 32 - North Newington N
 33 - Shennington
 34 - Shutford
 35 - Sibford Ferris
 36 - Sibford Gowers
 37 - South Newington
 38 - Steeple Aston
 39 - Swalcliffe

945 BANBURY RURAL DISTRICT

40 - Tadmartin
 41 - Wardington
 42 - West Adderbury
 43 - Wigginton
 44 - Wroxton

945 PLOUGHLEY RURAL DISTRICT

50 - Ambrosden
 51 - Ardley
 52 - Arncott
 53 - Begbroke
 54 - Blackthorn
 55 - Bletchingdon
 56 - Bucknell
 57 - Caversfield
 58 - Charlton-on-Otmoor
 59 - Chesterton
 60 - Cottisford
 61 - Fencott
 62 - Finmere
 63 - Fringford
 64 - Fritwell
 65 - Godington
 66 - Gosford & Water Eaton
 67 - Hampton Gay
 68 - Hardwick with Tusmore
 69 - Hethe
 70 - Horton-cum-Studley
 71 - Islip
 72 - Kidlington
 73 - Kirtlington
 74 - Launton
 75 - Lower Heyford
 76 - Merton
 77 - Middleton Stoney
 78 - Mixbury
 79 - Nexton Purcell
 80 - Noke
 81 - Oddington
 82 - Piddington
 83 - Shipton-on-Cherwell
 84 - Somerton
 85 - Souldern
 86 - Stoke Lyne
 87 - Stratton Audley
 88 - Upper Heyford
 89 - Wedlebury
 90 - Weston-on-the-Green
 91 - Yarnton

947 00 BUCKINGHAM M.B.

BUCKINGHAM R D.

947 10 Addington
11 Adstock
12 Akeley
13 Barton Hartshore
14 Beachampton
15 Biddlesden
16 Charndon
17 Chetwode
18 Edgcott
19 Foscott
20 Hillesden
21 Leckhampstead
22 Lillingstone Dayrell
23 Lillingstone Lovell
24 Maids Moreton
25 Marsh Gibbon
26 Middle Claydon
27 Padbury
28 Poundon
29 Preston Bissett
30 Radclive-cum-Chackmore
31 Shalstone
32 Steeple Claydon
33 Stowe
34 Thornborough
35 Thornton
36 Tingewick
37 Turweston
38 Twyford
39 Water Stratford
40 Westbury

950	00	Berkhamsted UD	953	17	Hockliffe
	01	Hemel Hempstead MB		18	Houghton Regis
	02	Tring UD		19	Hyde
950		<u>Berkhamsted R.D.</u>		20	Kensworth
	10	Tring Rural		21	Stanbridge
	11	Puttenham		22	Streatley
	12	Aldbury		23	Studham
	13	Wigginton		24	Sundon
	14	Northchurch (& detached portion)		25	Tilsworth
	15	Little Gaddesden		26	Toddington
	16	Nettleden with Potten		27	Totternhoe
		End		28	Whipsnade
		<u>Hemel Hempstead R.D.</u>	960	00	Welwyn Garden City UD
950	50	Markyate			<u>Hatfield R.D.</u>
	51	Flanstead	960	10	Essendon
	52	Great Gaddesden		11	North Mymms
	53	Bovingdon		12	Northaw
	54	Flaunden			<u>Welwyn R.D.</u>
	55	Chipperfield	960	50	Ayot St. Lawrence
	56	Kings Langley		51	Ayot St. Peter
		<u>Wing R.D.</u>		52	Welwyn
951	10	Aston Abbotts	961	00	Baldock U.D.
	11	Cheddington		01	Hitchin U.D.
	12	Cublington		02	Letchworth U.D.
	13	Edlesborough		03	Royston U.D.
	14	Grove		04	Stevenage U.D.
	15	Great Brickhill			<u>Hitchin R.D.</u>
	16	Ivinghoe	961	10	Ickleford
	17	Marsworth		11	Holwell
	18	Mentmore		12	Pirton
	19	Pitstone		13	Hexton
	20	Slapton		14	Lilley
	21	Soulbury		15	Offley
	22	Stoke Hammond		16	
	23	Wing		17	Kings Walden
	24	Wingrave with Rowsham		18	Kimpton
952	00	Harpenden UD		19	St. Pauls Walden
	01	St. Albans MB		20	Codicote
952		<u>St. Albans R.D.</u>		21	Knebworth
	10	Wheathampstead		22	Langley
	11	Harpenden Rural		23	Preston
	12	Redbourn		24	Ippollitts
	13	Sandridge		25	Wymondley
	14	St. Michaels Rural		26	Graveley
	15	St. Stephen		27	Weston
	16	London Colney		28	Clothall
953	00	Luton CB		29	Wallington
	01	Dunstable MB		30	Rushden
	02	Leighton Lincolne UD		31	Sandon
		<u>Luton R.D.</u>		32	Kelshall
953	10	Barton le Clay		33	Therfield
	11	Billington		34	Reed
	12	Caddington		35	Barkway
	13	Chalgrove		36	Barley
	14	Eaton Bray		37	Nuthampstead
	15	Eggington		38	Bygrave
	16	Heath & Reach		39	Radwell
				40	Newnham
				41	Ashwell
				42	Caldecote, Hinxworth

970	00	Hertford MB	973	15	Dodinghurst
	01	Hoddesdon UD		16	Belchamp, St. Paul,
	02	Ware UD			Epping Upland
		<u>HERTFORD R.D.</u>		17	Fyfield
	10	Walkern		18	High Laver
	11	Aston		19	Little Laver
	12	Benington		20	High Ongar
	13	Datchworth		21	Kelvedon Hatch
	14	Watton at Stone		22	Stondon Massey
	15	Salcombe		23	
	16	Tewin		24	Matching
	17	Bramfield		25	Navestock
	18	Stapleford		26	Nazeing
	19	Bengeo Rural		27	North Weald
	10	Hertingfordbury		28	Ongar
	21	Little Berkhamstead		29	Roydon
	22	Bayford		30	Sheering
	23	Brickendon Liberty		31	Stanford Rivers
	24	Little Amwell		32	
		<u>WARE R.D.</u>		33	Stapleford Tawney
970	50	Great Munden, Little Munden		34	Theydon Garnon
	51	Standon		35	Theydon Mount
	52	Thundridge		36	
	53	Ware Rural		37	Wimbish
	54				
	55	Hunsdon, Widford	974	00	Saffron Walden
	56	Eastwick, Gilston			
	57	Stanstead Abbots			<u>SAFFRON WALDEN R.D.</u>
	58	Great Amwell			
	59	Stanstead St. Margarets	974	10	Arkesdon
971	00	Bishops Stortford UD		11	Wicken Bonhunt
	01	Sawbridgeworth UD		12	Ashdon
		<u>BRAUGHING R.D.</u>		13	Berden
971	10	Cottered		14	Birchanger
	11	Buckland		15	Chesterford, Great
	12	Wyddial		16	Chesterford, Little
	13	Ansty		17	Chrashall
	14	Meesden		18	Clavering
	15	Aspenden		19	Debden
	16	Buntingford		20	Elmdon
	17	Hormead		21	Elsenham
	18	Brent Pelham, Stocking Pelham		22	Farnham
	19	Ardeley		23	Hadstock
	20	Furieux Pelham		24	Hempstead
	21	West Mill		25	Henham
	22	Braughing		26	Langley
	23	Albury		27	Littlebury
	24	Little Hadham		28	Strethall
	25	Much Hadham		29	Manuden
	26	Thorley		30	Newport
	27	High Wych		31	Quendon and Rickling
972	00	Harlow UD		32	Radwinter
973	00	Epping UD		33	Sampford Great
		<u>EPPING & ONGAR R.D.</u>		34	Sampford, Little
973	10	Abbes		35	Stansted Mountfitchet
	11			36	Ugley
	12	Berners Roding		37	Wendons Ambo
	13			38	Widdington
	14	Birch, Moreton		39	Wimbish

CHELMSFORD R. D.

982 10 Great Baddow
 11 Little Baddow
 12
 13 Broomfield
 14 Birchanger, Chignall
 15 Danbury
 16 Good Easter
 17 Mashbury
 18 East Hanningfield
 19 South Hanningfield
 20 West Hanningfield
 21 Highwood
 22 Fryerning, Ingatestone
 23 Great Leighs, Little Leighs
 24 Margaretting
 25 Mountnessing
 26 Pleshey
 27 Rettendon
 28 Roxwell
 29 Runwell
 30 Sandon
 31 Springfield
 32 Stock
 33 Great Waltham
 34 Little Waltham
 35 Woodham Ferrers
 36 Writtle

983 00 Southend-on-Sea CB
 01 Benfleet UD
 02 Canvey Island UD
 03 Rayleigh UD

983 ROCHFORD R.D.

10 Ashingdon
 11 Beauchamp
 12 Canewdon
 13
 14 Great Wakering
 15 Foulness, Hawkwell
 16 Hockley
 17 Hurbbridge
 18 Paglesham
 19 Rochford
 20 Stambridge, Borley
 21 Sutton

984 00 Braintree & Bocking UD
 01 Halstead UD
 02 Witham UD

HALSTEAD R.D.

984 10 Aldhamstone
 11 Lamarsh
 12 Ashen
 13 Ovington
 14 Tilbury-juxta-Clare
 15 Belchamp Otten
 16 Belchamp St. Paul
 17 Belchamp Walter
 18 Little Yeldham
 19 Birdbrook
 20 Borley
 21 Bulmer

984 22 Bures Hamlet
 23 Castle Hedingham
 24 Colne Engaine
 25 Earls Colne
 26 Foxearth
 27 Gestingthorpe
 28 Gosfield
 29 Great Henny
 30 Little Henny
 31 Middleton
 32 Great Maplestead
 33 Little Maplestead
 34 Great Yeldham
 35 Halstead Rural
 36 Helions Bumpstead
 37 Pebmarsh
 38 Ridgewell
 39 Sible Hedingham
 40 Stambourne
 41 Steeple Bumpstead
 42 Sturmer
 43 Toppesfield
 44 Twinstead
 45 Wickham St Paul
 46 White Colne

BRAINTREE R.D.

984 50 Great Bardfield
 51 Bradwell
 52 Coggeshall
 53 Cressing
 54 Fairstead
 55 Feering
 56 Finchingfield
 57 Hatfield Peverel
 58 Kelvedon
 59 Black Notley
 60 White Notley
 61 Panfield
 62 Rayne
 63 Great Saling
 64 Shalford
 65 Stisted
 66 Terling
 67 Wethersfield
 987 00 Brightlingsea U.D.
 01 Burnham-on-Crouch U.D.
 02 Clacton U.D.
 03 Colchester M.B.
 04 Frinton & Walton U.D.
 04 Harwich M.B.
 06 Maldon M.B.
 07 West Mersea U.D.
 08 Wivenhoe U.D.

987 LEXDEN & WINSTREE R.D.

10 Abberton
 11
 12 Aldham
 13 Bergholt West
 14 Birch
 15 Borted
 16 Chappel

987 17 Colne Wakes
 18 Copford
 19 Dedham
 20 East Donyland
 21 Eight Ash Green
 22 Fingrinhoe
 23 Fordham
 24 Great Horkesley
 25 Langham
 26 Layer-de-la-Haye
 27 Layer Marney
 28 Layer Breton
 29 Mersea East
 30 Messing-Cum-Inworth
 987 31 Mount Bures
 32 Peldon
 33 Stanway
 34 Tey Great
 35 Tey Marks
 36 Tiptree
 37 Wigborough Great
 38 Wigborough Little
 39 Wormingford

987 88 Frating
 89 Lawford
 90 Manningtree
 91 Mistley
 92 Great Oakley
 93 Ramsey
 94 St Osyth
 95 Tendring
 96 Thorpe-le-Soken
 97 Thorrington
 98 Wix
 99 Wrabness

MALDON R.D.

987 50 Althorne
 51 Asheldham
 52 Bradwell-on-Sea
 53 Cold Norton
 54 Dengie
 55 Goldhanger
 56 Great Braxted
 57 Little Braxted
 58 Great Totham
 59 Hazeleigh
 60 Woodham Mortimer
 61 Latchingdon
 62 Little Totham
 63 Mayland
 64 Mundon
 65 North Fambridge
 66 Purleigh
 67 St Lawrence
 68 Southminster
 69 Steeple
 70 Stow Maries
 71 Tillingham
 72 Tollesbury
 73 Tolleshunt D'Arcy
 74 Tolleshunt Knights
 75 Tolleshunt Major
 76 Ulting
 77 Wickham Bishops
 78 Langford
 79

TENDRING R.D.

987 80 Alresford
 81 Ardleigh
 82 Beaumont
 83 Great Bentley
 84 Bradfield
 85 Great Bromley
 86 Little Clacton
 87 Elmstead

FOREIGN COUNTRIES

- 00 - Guernsey (Inc. Sark & Alderney)
- 01 - Jersey
- 02 - Ireland (N. Ireland)
- 03 - Ireland (Republic)

- 10 - Belgium
- 11 - Canada
- 12 - Denmark
- 13 - Finland
- 14 - France
- 15 - Germany (West)
- 16 - Holland (Netherlands)
- 17 - Italy
- 18 - Luxembourg
- 19 - Norway
- 20 - Portugal
- 21 - Spain
- 22 - Sweden
- 23 - Switzerland
- 24 - United States of America
- 25 - U.S.S.R.

1001
F/1
F/10



London Origin & Destination Survey 1971/1972
- Station Decode List

Economic Survey Office
Waterloo
July 1972

ORIGIN AND DESTINATION SURVEY

STATION CODES

Document Reading Services Ltd., were proposing to use a five figure numeric code for stations instead of the three letter alpha code, and it seemed logical that there should be some meaning built into the numbering system.

As a result, all regions stations have been numbered in meaningful groups so that G.L.C., G.L.T.S., Outer Metropolitan Area, South-East Standard Region and Divisional boundaries can be separately identified.

Regions can be identified from the first figure of the number as follows:-

1. Southern
2. Eastern
3. London Midland
4. Western
5. Scottish

The second and third figures of the five figure number identify the group, whilst the fourth and fifth will generally indicate the station within a group.

It will be possible to instruct the computer to select certain groups or certain station numbers to produce details for specific areas, e.g., G.L.C., Kings Cross Division, Stoke Division.

The appendix indicates the series of numbers used within each Region.

Throughout the exercise emphasis has been placed on detail within the survey area. Where possible, within the limits of the five figure code, this degree of detail has been extended beyond the survey area.

In the case of the Southern Region, the whole region is covered in detail, and the Western Region, east of Cardiff and Plymouth, has been similarly dealt with.

The Eastern Region has had to be grouped into larger station groups north of the survey area, but the London Divisions and the Norwich Division, (in case it is decided at some later date to survey the remainder of East Anglia) have been coded in detail.

So far as the London Midland Region is concerned the London, Nottingham and Birmingham Divisions have been covered in detail, but the remainder of the region has had to be grouped into larger station groups.

Scotland has been dealt with in as much detail as the system allows.

In all cases Divisional boundaries have been observed, so that information can always be extracted by Division.

Economic Survey Office
WATERLOO
K/G.871
27 July 1972
eg

APPENDIX

SOUTHERN REGION

Master Number = 1.

	<u>Group Numbers</u>			<u>Station Numbers</u>
	<u>S.E.Divn.</u>	<u>Ctl.Divn.</u>	<u>S.W.Divn.</u>	
G.L.C.	00 - 42	00 - 41	00 - 26	S.E.Division 01 - 10
G.L.T.S.	43 - 46	42 - 48	27 - 35	Central Divn. 11 - 20
O.M.A.	47 - 71	49 - 73	36 - 60	S.W.Division 21 - 30
S.E.S.R.	72 - 98	74 - 95	61 - 93	
Outside SE.SR.	-	-	94 - 99	

EXAMPLES:- Woolwich Arsenal 1-07-01 (Inside GLC - S.E.Division)
 Wivelsfield 1-59-11 (Outside GLTS, Inside OMA - Central Division)
 Salisbury 1-94-21 (Outside SE.SR - S.W.Division)

EASTERN REGION

Master Number = 2.

	<u>Group Numbers</u>	<u>Station Numbers</u>
	G.L.C.	01 - 27
G.L.T.S.	28 - 33	Fenchurch St.Stations 11 - 16
O.M.A.	34 - 53	- Kings Cross 21 - 27
S.E. S.R.	54 - 67	- Norwich 31 - 42
Outside SE.SR.	68 - 99	- Doncaster (Group Nos.91-93) 46 - 80
		- Sheffield (Group No.94) 46 - 59
		- Leeds (Group Nos.95-96) 46 - 98
		- Newcastle (Group Nos.97-99) 46 - 97

EXAMPLES:- Liverpool St. = 2-01-01 (Inside G.L.C. - Liverpool Street Division)
 Sandy = 2-54-21 (Outside OMA, Inside SE.SR - Kings Cross Divn.)

(Contd...)

300

LONDON MIDLANDMaster Number = 3.

	<u>GROUP NUMBERS</u>							<u>STATION NUMBERS</u>	
	London Divn.	Notting- ham Divn.	B'ham Divn.	Stoke Divn.	Man- chester Divn.	Liver- pool Divn.	Preston Divn.		
G.L.C.	00-17	-	-	-	-	-	-	London Division	= 01-0
G.L.T.S.	18-25	-	-	-	-	-	-	Nottingham Division	= 10-1
O.M.A.	26-31	-	-	-	-	-	-	Birmingham Division	= 20-3
S.E. S.R.	32-37	-	38	-	-	-	-	Stoke-on-Trent Division	= 34-7
Outside SE.SR.	53-55	39-52	56-74	75-88	89-91	92-95	96-99	Manchester Division	= 34-9
								Preston Division	= 34-7
								Liverpool Divn	= 34-9

EXAMPLES:- Watford Junction 3-21-01 (Outside GLC. Inside G.L.T.S. - London Division)
Tyseley 3-59-20 (Outside SE.SR - Birmingham Division)

WESTERNMaster Number = 4.

	<u>GROUP NUMBERS</u>			<u>STATION NUMBERS</u>	
	London Divn.	Bristol Divn.	Cardiff Divn.		
G.L.C.	01 - 07	-	-		
G.L.T.S.	08 - 09	-	-	London Divisions	= 01-06
O.M.A.	10 - 25	-	-	Bristol Division	= 11-43
S.E. S.R.	26 - 35	36	-	Cardiff Division	= 51-70
Outside SE.SR.	37	38 - 79	80 - 99		

EXAMPLES:- Denham 4-08-01 (Outside GLC, Inside GLTS - London Divisions)
Newport 4-83-51 (Outside SE.SR. - Cardiff Division)

SCOTLANDMaster Number = 5.

<u>GROUP NUMBERS</u>	<u>STATION NUMBERS</u>
Group consecutively numbered from South to North 01 - 94	Stations consecutively numbered within each Group 01 up to maximum of 12.

STATION CODES

Southern Region

South Eastern Division

10001	Victoria (SE)	11401	Lewisham	12101	Elmstead Woods
10002	Brixton	11501	Blackheath	12102	Chislehurst
10101	Charing Cross	11601	Kidbrooke	12201	Petto Wood
10201	Waterloo (SE)	11602	Eltham (Well Hall)	12301	Orpinge
10301	London Bridge (SE)	11603	Eltham Park	12401	Chelsfield
10401	Cannon Street	11604	Falconwood	12402	Knockholt
10501	Deptford	11605	Welling	12501	Ladywell
10502	Greenwich	11606	Berkeley Heath	12502	Catford Bridge
10503	Maze Hill	11607	Barnehurst	12601	Lower Sydenham
10504	Westcombe Park	11701	Hither Green	12602	New Beckenham
10601	Charlton	11801	Lee	12603	Clock House
10602	Woolwich Dockyard	11802	Mottingham	12604	Elmers End
10701	Woolwich Arsenal	11803	New Eltham	12701	Eden Park
10801	Plumstead	11804	Sidcup	12702	West Wickham
10901	Abbey Wood	11805	Albany Park	12703	Hayes (Kt)
11001	Belvedere	11806	Bexley	12801	Woodside
11002	Erith	11807	Crayford	12901	Addiscombe
11101	Slade Green	11901	Grove Park	13001	Holborn Viaduct
11201	New Cross	12001	Sundridge Park	13101	Blackfriars
11301	St Johns	12002	Bromley North	13201	Elephant & Castle
				13301	Loughborough Junction

13401 Herne Hill
 13501 West Dulwich
 13502 Sydenham Hill
 13503 Penze East
 13504 Kent House
 13505 Beckenham Junction
 13601 Nunhead
 13701 Crofton Park
 13702 Catford
 13801 Bellingham
 13802 Beckenham Hill
 13803 Ravensbourne
 13901 Shortlands
 14001 Bromley South
 14101 Bickley
 14201 St Mary Gray
 14301 Dartford
 14401 Stone Crossing
 14501 Swanley
 14601 Farningham Road
 ↳ Sutton-at-Stone
 14701 Greenhithe
 14702 Swanscombe
 14703 Northfleet

14801 Gravesend
 14901 Higham
 15001 Strood
 15101 Rochester
 15201 Chatham
 15301 Gillingham (Kr)
 15401 Rainham (Kc)
 15501 Duntun Green
 15601 Sevenoaks
 15701 Hildenborough
 15801 Tunbridge Wells Central
 15901 Frant
 15902 Wadhurst
 16001 Paddock Wood
 16101 Staplehurst
 16102 Marden
 16201 Cuxton
 16202 Halling
 16203 Snodland
 16204 New Hythe
 16205 Aylesford
 16206 Maidstone Barracks

16301 Maidstone West
 16401 East Farley's
 16402 Wateringbury
 16403 Yalding
 16404 Belting & Branbridge
 16501 Langfield
 16502 Meopham
 16503 Sole Street
 16601 Eynsford
 16602 Shoreham
 16603 Otford
 16701 Bat & Ball
 16801 Kemsing
 16802 Borough Green & Wrotham
 16803 West Malling
 16804 East Malling
 16805 Barming
 16901 Maidstone East
 17001 Tonbridge
 17101 High Brooms
 17201 Newington
 17301 Sittingbourne
 17401 Teynham

17501 Faversham
17601 Whitstable + Tankerton
17602 Chestfield + Swalecliffe
17603 Herne Bay
17604 Birchington on-Sea
17605 Westgate-on-Sea
17606 Margate
17607 Broadstairs
17608 Dungeness Park
17701 Ramsgate
17801 Kemsley
17802 Swale
17803 Queenborough
17804 Sheerness-on-Sea
17901 Headcorn
17902 Pluckley
18001 Ashford (Kv)
18101 Westenhanger
18102 Sandling - fr - Hythe
18201 Falkstone West
18301 Falkstone Central
18401 Falkstone Harbour
18501 Dover Priory

18601 Dover Marine
18701 Martin Mill
18702 Walmer
18703 Deal
18704 Sandwich
18801 Wye
18802 Chilham
18803 Chartham
18804 Canterbury West
18805 Sturry
18901 Minster
19001 Selling
19101 Canterbury East
19201 Bekesbourne
19202 Adisham
19203 Aylesham
19204 Snowdown + Norington
19205 Shepherd's Well
19206 Kearsney
19301 Beasted + Thurston
19302 Hollingbourne
19303 Hamletsham
19304 Lenham
19305 Charing

19401 Stonegate
19402 Etchingham
19403 Robertsbridge
19404 Battle
19405 Crowhurst
19406 West St Leonards
19501 St Leonards (Warrior Sq)
19601 Hastings
19701 Ore
19801 Three Oaks + Guestling
19802 Doleham
19803 Winchelsea
19804 Rye
19805 Appledore
19806 Ham Street + Oilestone

Central Division

10011	Battersea Park	11411	Victoria (Central)	12915	Sutton Common
10111	London Bridge (Central)	11511	Beaulieu Lane	12916	West Sutton
10211	New Cross Gate	11512	Waddon Marsh	13011	South Croydon
10311	Brockley	11611	Wandsworth Common	13111	Purley Oaks
10312	Honor Oak Park	11711	Balham	13112	Purley
10313	Forest Hill	11811	Streatham Hill	13211	Reedham
10314	Sydenham	11911	Birkbeck	13212	Smitham
10411	Penze West	12011	West Croydon	13213	Woodmansterne
10412	Anerley	12111	Waddon	13311	Coulsdon North
10511	Norwood Junction	12112	Nallington	13411	Coulsdon South
10611	East Croydon	12113	Cashalton Beeches	13511	Sanderstead
10711	Crystal Palace	12211	Mitcham Junction	13611	Riddlesdown
10712	Gypsy Hill	12311	Hackbridge	13711	Selodon
10713	West Norwood	12312	Cashalton	13712	Coombe Road
10811	Tulse Hill	12411	Sutton	13713	Bingham Road
10911	North Dulwich	12511	Belmont	13811	Denmark Hill
10912	East Dulwich	12611	Cheam	13911	East Briston
11011	Peckham Rye	12711	Tooting	14011	Clapham
11111	Queens Road, Peckham	12712	Haydens Road	14012	Wandsworth Road
11112	South Bermondsey	12811	Mitcham	14111	Kenley
11211	Streatham	12812	Morden Road	14211	Ewell East
11311	Streatham Common	12911	Wimbledon Chase	14311	Ashstead
11312	Norbury	12912	South Merton	14312	Leatherhead
11313	Thornton Heath	12913	Morden South	14313	Epsom
11314	Selhurst	12914	St Helier		

14411 Bookham
 14511 Baustead
 14512 Epsom Downs
 14611 Chipstead
 14612 Kingswood
 14613 Tadworth
 14614 Tattenham Corner
 14711 Upper Warlingham
 14712 Woldingham
 14811 Whyteleafe
 14812 Whyteleafe Souths
 14813 Catsham
 14911 Dorking
 14912 Boxhill & Westhumble
 15011 Holmwood
 15012 Ockley & Capel
 15013 Warnham
 15111 Merstham
 15211 Redhill
 15311 Reigate
 15411 Earlswood
 15412 Salfords
 15413 Horley
 15511 Gatwick Airport
 15611 Three Bridges
 15711 Balcombe

15811 Haywards Heath
 15911 Wuelsofield
 16011 Burgess Hill
 16012 Hassocks
 16111 Crawley
 16211 Ifield
 16212 Faygate
 16213 Littlehaven
 16311 Horsham
 16411 Billingshurst
 16412 Christ's Hospital
 16511 Ox Red
 16512 Hurst Green
 16611 Lingfield
 16612 Dormans
 16613 East Grinstead
 16711 Edburgh Town
 16811 Hever
 16812 Cowden
 16813 Achurst
 16911 Enage
 17011 Crowborough - Jam Bore
 17012 Buxted
 17013 Uckfield
 17111 Groombridge
 17112 Tunbridge Wells West

17211 Chilworth & Albany
 17212 Gornhall & Shore
 17213 Dorking Town
 17214 Deepdene
 17215 Betchworth
 17311 Nutfield
 17312 Godstone
 17313 Edenbridge
 17314 Penshurst
 17315 Leigh
 17411 Pulborough
 17412 Amberley
 17413 Arundel
 17511 Ford
 17512 Barnham
 17611 Boqnor Regis
 17711 Hove
 17811 Aldington
 17812 Fishergate
 17813 Southwick
 17814 Shoreham - by - sea
 17815 Lancing
 17816 East Worthing
 17817 Portslade & West Hove
 17911 Worthing
 18011 West Worthing

18111 Durrington - n - sea
 18112 Goring - by - sea
 18113 Angmering
 18211 Littlehampton
 18311 Emsworth
 18312 Southbourne
 18313 Nutbourne
 18314 Bosham
 18315 Fishbourne
 18316 Chichester
 18411 Plumpton
 18412 Cooksbridge
 18511 Lewes
 18611 Glynde
 18612 Berwick
 18711 Polegate
 18811 Hampden Park
 18911 Eastbourne
 19011 Southsea - Rodmill
 19012 Newhaven Town
 19013 Newhaven Harbour
 19014 Bishopstone
 19015 Seaford
 19111 London Road (Brighton)
 19112 Falmer

19211 Pevensey + Westham
 19212 Pevensey Bay
 19213 Normans Bay
 19214 Cooden Beach
 19215 Colington
 19311 Bexhill
 19411 Preston Park
 19511 Brighton

South Western Division

10021 Queen Road, Battersea
 10121 Waterloo (SW)
 10221 Vauxhall
 10321 Strawberry Hill
 10421 Clapham Junction
 10521 Wandsworth Town
 10522 Putney
 10523 Barnes
 10621 Barnes Bridge
 10622 Chiswick
 10623 Kew Bridge
 10624 Brentford Central
 10625 Syon Lane
 10626 Isleworth
 10627 Hounslow
 10721 Whetton
 10821 Twickenham
 10921 St Margant's
 11021 Richmond
 11121 North Sheen
 11122 Mortlake
 11221 Kew Gardens
 11222 Gunnersbury
 11321 Feltham
 11421 Earlsfield
 11422 Dunsford Road
 11521 Nibledean

11621 Raynes Park
 11721 New Malden
 11821 Norbiton
 11822 Kingston
 11823 Hampton Wick
 11824 Teddington
 11921 Fulwell
 11922 Hampton
 12021 Burylands
 12121 Surbiton
 12221 Motspur Park
 12321 Worcester Park
 12421 Malden Manor
 12422 Tolworth
 12423 Chessington North
 12424 Chessington South
 12521 Merton Park
 12621 Wimbledon Park
 12622 Southfields
 12623 East Putney
 12721 Ashford (Mx)
 12821 Staines
 12921 Kenilpton Park
 12922 Sunbury
 12923 Upper Halliford
 12924 Shepperton
 13021 Thames Ditton

13022 Hampton Court
 13121 Esher
 13122 Hersham
 13123 Walton-on-Thames
 13221 Weybridge
 13321 Byfleet & Naretham
 13421 Hinchley Wood
 13422 Claygate
 13423 Oxshott
 13424 Cobham & Stoke D'Abernon
 13521 Stoneleigh
 13522 Ewell West
 13621 Wraysbury
 13622 Sunnyheath
 13623 Datchet
 13624 Windsor & Eton Riverside
 13721 Egham
 13722 Virginia Water
 13821 Longcross
 13822 Sunningdale
 13921 Ascot
 14021 Bracknell
 14121 Wokingham
 14122 Winnersh
 14123 Earley

14221 Bagshot
 14222 Camberley
 14223 Frimley
 14321 Chertsey
 14322 Addlestone
 14421 West Byfleet
 1521 Woking
 12621 Brookwood
 14721 Farnborough
 14722 Fleet
 14723 Winkfield
 2724 Hook
 14821 Ash Vale
 4921 Aldershot
 15021 Farnham
 15121 Worplesden
 15221 Guildford
 15321 Farncombe
 15322 Godalming
 15323 Milford
 15324 Witley
 15421 Haslemere
 15521 Eftingham Junction
 15621 Horley
 15622 Clondon
 15623 Lunden Road (Guildford)
 15721 Shalford

15821 Wainborough
 15822 Ash
 15921 North Camp
 15922 Farnborough North
 15923 Blackwater
 15924 Sandhurst
 15925 Crookthorne
 16021 Mortimer
 16121 Basingsdean
 16221 Whitechurch North
 16222 Overton
 16223 Andover
 16224 Grateley
 16321 Southampton Docks
 16421 Botley
 16521 Micheldever
 16621 Winchester
 16721 Shawford
 16821 Eastleigh
 16921 Southampton Airport
 16922 Swaythling
 17021 St Denys
 17121 Southampton
 17221 Millbrook
 17222 Redbridge
 17321 Totton

17322 Lyndhurst Road
 17323 Beaulieu Road
 17421 Brockenhurst
 17521 Sway
 17522 New Milton
 17523 Hutton Admiral
 17524 Chantchurch
 17525 Pokesdown
 17621 Bournemouth
 17721 Burslem
 17722 Parkstone
 17821 Poole
 17921 Hamworthy Junction
 18021 Ampress Works
 18022 Lymington Town
 18023 Lymington Pier
 18121 Romsey
 18122 Dunbridge
 18123 Dean
 18221 Bentley
 18222 Alton
 18321 Medstead & New Market
 18322 Ropley
 18323 Alresford
 18324 Itchen Abbas

18421 Liphook
18422 Liss
18423 Petersfield
18424 Rowlands Castle
18521 Havant
18621 Bedhampton
18622 Hilsea
18623 Fratton
18721 Portsmouth & Southsea
18821 Portsmouth Harbour
18921 Warblington
19021 Ryde Pier Head
19022 Ryde Esplanade
19023 Ryde St. John's
19024 Brading
19025 Sandown
19026 Shanklin
19121 Bramley
19221 Bitterne
19222 Woolston
19223 Sholing
19224 Netley
19225 Hamble
19226 Bursledon
19227 Swanwick

19321 Fareham
19322 Portchester
19323 Cosham
19421 Salisbury
19521 Holt Heath
19522 Wareham
19523 Wool
19524 Moreton
19525 Dorchester South
19621 Weymouth
19622 Radipole
19623 Upwey & Broadwey
19721 Dorchester West
19821 Weymouth Quay
19921 Warminster
19922 Dilton Marsh

EASTERN REGION

20101	Liverpool Street	21301	Southbury	22011	Barking
20201	Stratford - Stratford Low Level	21302	Turkey Street	22111	Upminster
20301	Maryland	21401	Tottenham Hale	22211	Dagenham Dock
20302	Forest Gate	21402	Northumberland Park	22212	Rainham (Essex)
20303	Manor Park	21403	Angel Road	22321	York Road, Kings Cross
20401	Ilford	21404	Ponders End	22421	Kings Cross
20501	Seven Kings	21405	Bornasdown	22521	Finsbury Park
20502	Goodmayes	21406	Enfield Lock	22522	Haringay Walk
20503	Chadwell Heath	21501	St James Street	22523	Hornsey
20601	Romford	21502	Walthamstow Central	22524	Wood Green
20701	Emerson Park	21503	Wood Street	22621	New Southgate
20801	Gidea Park	21504	Highams Park	22622	Cableg. Park
20802	Harold Wood	21505	Chingford	22623	New Bow St
20901	Bethnal Green	21601	North Workinds	22624	Hadley Wood
20902	Cambridge Heath	21602	Silverstone	22721	Bowes Park
20903	Lands Fields	21603	Custom House	22722	Palmer's Green
20904	Hackney Downs	21604	Canning Town	22723	Winchmore Hill
21001	Clapton	21605	Lea Bridge	22724	Grange Park
21101	Renton Road	21701	Woodgrange Park	22725	Enfield Chase
21102	Stoke Newington	21702	Wanstead Park	22726	Gordon Hill
21103	Stamford Hill	21703	Leytonstone High Road	22727	Crows Hill
21104	Seven Sisters	21704	Leyton Midland Road	22821	Potters Bar
21105	Bruce Grove	21705	Walthamstow Queens Road	22901	Theobalds Grove
21106	White Hart Lane	21706	Black Horse Road	23001	Waltham Cross - Abbe.
21107	Silver Street	21707	South Tottenham	23101	Cheshunt
21108	Lower Edmonton	21708	Haringay Stadium	23211	Ockendon
21201	Enfield Town	21709	Crouch Hill	23311	Purfleet
21202	Bush Hill Park	21811	Fenchurch Street	23421	Brookmans Park
		21911	Stepney East	23422	Hatfield

23521 Welwyn Garden City
 23621 Knebworth
 23622 Welwyn North
 23721 Stevenage
 23722 Hitchin
 23821 Letchworth
 23822 Baldock
 23823 Ashwell + Morden
 23824 Royston
 23921 Cuffley (+ Goffs Oak)
 23922 Bayford
 23923 Hertford North
 24001 Broxbourne
 24101 Rye House
 24102 St Margarets
 24103 Ware
 24104 Hertford East
 24201 Roydon
 24202 Harlow Town
 24203 Harlow Mill
 24204 Sawbridge worth
 24301 Bishop's Stortford
 24401 Brentwood
 24402 Shenfield
 24501 Ingatestone
 24601 Chelmsford
 24701 Billericay
 24702 Wickford

24801 Battlesbridge
 24802 Woodham Ferrers
 24901 Rayleigh
 24902 Hockley
 24903 Rochford
 24904 Prittlewell
 24905 Southend Victoria
 25011 West Horndon
 25012 Landau
 25111 Pitsea
 25112 Benfleet
 25113 Leigh-on-Sea
 25114 Chalkwell
 25115 Westcliff
 25116 Southend Central
 25211 Southend East
 25212 Thorpe Bay
 25213 Shoeburyness
 25311 Grays
 25312 Tilbury Town
 25313 Tilbury Riverside
 25314 East Tilbury
 25315 Stanford-le-Hope
 254-1 Sandy
 25422 Biggleswade
 25531 Newport (Essex)
 25532 Great Chesterford
 25533 Audley End
 25631 Chappel + Wake Colne
 25632 Bures

25701 Fambroge
 25702 Althorne
 25703 Burnham-on-Crouch
 25704 Southminster
 25801 Stawke
 25802 Elsenham
 25901 Hatfield Peverel
 25902 Witham
 26001 White Notley
 26002 Creeping
 26003 Braintree
 26101 Kelvedon
 26102 Marks Tey
 26201 Colchester
 26301 Manningtree
 26401 Mistley
 26402 Wrabness
 26403 Parkston Quay
 26404 Dovercourt Bay
 26405 Harwich Town
 26501 St. Botolphs
 26502 Hythe
 26503 Wivenhoe
 26504 Alresford
 26505 Great Bentley
 26506 Weeley
 26507 Thorpe-le-Soken
 26601 Kirby Cross
 26602 Frinton
 26603 Walton-on-Naze
 26701 Clacton

26821	St Neots	28333	Wickham Market	29033	Worcester
26822	Huntingdon	28334	Saxmundham	29034	North Walsham
26921	Peterborough	28335	Darsham	29035	Gunton
27021	Whittlesea	28336	Halesworth	29036	Cromer
27121	Stamford	28337	Brampton	29037	West Runton
27231	Meldreth + Melbourn	28338	Bessles	29038	Sheringham
27232	Shepreth	28237	Outon Broad South	29146	Spalding
27233	Foxton	28431	Lewestoft Central	29147	Grantham
27331	Shelford	28531	Stowmarket	29148	Bottesford
27332	Whittleford	28532	Needham Market	29149	Elm + Orston
27431	Cambridge	28631	Diss	29150	Aslockton
27531	Waterbeach	28731	Shippea Hill	29151	Andover
27532	Ely	28732	Lakenheath	29152	Haureby
27631	Littleport	28733	Brandon	29153	Sleaford
27632	Downham	28734	Thetford	29154	Heckington
27633	Kings Lynn	28735	Harling Road	29155	Siamese Head
27731	Manea	28736	Eccles Road	29156	St. Peter's Bridge
27732	March	28737	Attleborough	29157	Boston
27831	Dullingham	28738	Spooner Row	29158	Thorpe Culmick
27832	Newmarket	28739	Wymondham	29159	Wanfleet
27931	Elmswell	28831	Norwich	29160	Havenhouse
27932	Thurston	28831	Brundall Gardens	29161	Skiness
27933	Bury St Edmunds	28931	Brundall	29246	Nr. Holla Hill Pier
27934	Kennett	28932	Lingwood	29247	Near Holland Town
28031	Sudbury	28933	Atle	29248	Barrow Haven
28131	Spowick	28934	Yarmouth Vauxhall	29249	Barrow - Hulls
28221	Derby Road	28935	Berney Arms	29250	Goxhill
28232	Tomley	28936	Buckenham	29251	Thornton Abbey
28233	Felixstowe	28937	Cantley	29252	Ulceby
28331	Westerfield	28938	Reedham	29253	Cleeton
28332	Woodbridge	28939	Haddiscoe	29254	New Clee
		28940	Somerleyton	29255	Grimsby Docks
		28941	Outon Broad North	29256	Grimsby Town
		28942	Salhouse	29257	Great Coates
		29031	Wroxham	29258	Healing
		29032		29259	Stallingborough
				29260	Habrough
				29261	Brocklesby

29262	Barnetby	29356	Brough	29458	Chesterfield
29263	Bingy	29357	Broomfleet	29459	Mexborough
29264	Kirtley Lundsey	29358	Stadde Thorpe	29546	Thursk
29265	Gainsborough Central	29359	Eastington	29547	York
29266	Gainsborough Lea Road	29360	Hawden	29548	Malton
29267	Retford	29361	Wressle	29549	Seamer
29268	Newark North Gate	29362	Saltmarsh	29550	Scarborough
29269	Collingham	29363	Goole	29551	Poppleton
29270	Swinderby	29364	Rawcliffe	29552	Hammerton
29271	Hykeham	29365	Sinclair	29553	Cattal
29272	Lincoln St Marks	29366	Thorne North	29554	Knaresborough
29273	Market Rasen	29367	Stamforth + Hatfield	29555	Starbeck
29274	Saxilby	29368	Doncaster	29556	Ulleskelf
29275	Lincoln Central	29369	Conisborough	29557	Church Fenton
29276	Newark Castle	29370	Thorne South	29558	Micklefield
29277	Worksop	29371	Crowle	29559	South Milford
29278	Shireoaks	29372	Althorpe	29560	Selby
29279	Kweton Park	29373	Scunthorpe	29646	Hensall
29280	Kweton Bridge	29374	Elsham	29647	Whitley Forge
29346	Bridlington	29375	Filey	29648	Knottingley
29347	Nafferton	29376	Filey Holiday Camp	29649	Pontefract Monksell
29348	Ingham	29377	Hunmanby	29650	Castleford
29249	Hutton Cranswick	29378	Benington	29651	Normanton
29350	Arram	29446	Rotham	29652	Wakefield Kirkgate
29351	Beverley	29447	Brightside	29653	Wakefield Westgate
29352	Cottingham	29448	Athercliffe Road	29654	Aldoft
29353	Hull	29449	Sheffield	29655	Woodlesford
29354	Hessle	29450	Barnsley	29656	Garforth
29355	Ferriby	29451	Wombwell	29657	Cross Gates
		29452	Elsecar	29658	Leeds City
		29453	Chapel Town	29659	Headingley
		29454	Penstone	29660	Horsforth
		29455	Dore	29661	Wetton
		29456	Darnall	29662	Pannal
		29457	Woodhouse		

29663 Harrogate
 29664 Morley
 29665 Batley
 29666 Dewsbury
 29667 Ravensthorpe
 29668 Mursfield
 29669 Huddersfield
 29670 Lockwood
 29671 Honley
 29672 Brockholes
 29673 Stockmoor
 29674 Shepley
 29675 Skelmanthorpe
 29676 Clayton West
 29677 Marsden
 29678 New Pudsey
 29679 Bradford Exchange
 29680 Bradford Foster Square
 29681 Halifax
 29682 Sowerby Bridge
 29683 Mykalmroyd
 29684 Hebden Bridge
 29685 Shipley
 29686 Bingley
 29687 Keighley
 29688 Gouiseley
 29689 Menston
 29690 Burley-in-Wharfedale
 29691 Ben Rhydding

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Ilkley
 South Elmsall
 Denby Dale
 Darton
 Bolton-on-Deane
 Moorhousie
 Pontefract Baghill
 Northallerton
 Chester-le-Street
 Durham
 Bishop Auckland
 Shildon
 Houghton
 North Road
 Darlington
 Sunderland
 Seaham
 Hartlepool
 Seaton Carrus
 Greatham
 Billingham ... Tees
 Stockton
 Eaglescliffe
 Dunsdale
 Thorna by
 Middlesbrough
 Cargo Fleet
 South Bank
 Grange Town (Yorks)
 Redcar Central
 Redcar East

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Marske
 Saltburn
 Ormesby
 Nunthorpe
 Great Ayton
 Battersby
 Kildale
 Commondale
 Castleton Moor
 Danby
 Healholme
 Glaisdale
 Egton
 Gosmont
 Sleights
 Ruswarp
 Whitby
 Tees-side Airport
 Berwick-upon-Tweed
 Chatham
 Alnmouth
 Acklington
 Widdington
 Pegswood
 Moorpett
 Crawlington
 Benton
 South Gosforth
 West Jesmond
 Jesmond
 Manors
 Newcastle

29860 Blaydon
29861 Wylam
29862 Pindhoe
29863 Stockfield
29864 Riding Mill
29865 Corbridge
29866 Hexham
29867 Haydon Bridge
29868 Bardon Mill
29869 Backworth
29870 West Monkseaton
29871 Monkseaton
29872 Whitley Bay
29873 Cullercoats
29874 Tynemouth
29875 North Shields
29876 Percy Main
29877 Howdon - or - Tyne
29878 Wallsend
29879 Walker Gate
29880 Heaton
29881 St Peters
29882 Walker
29883 Carville
29884 Point Pleasant
29885 Willington Quay
29886 Gateshead
29887 Felling
29888 Pelaw
29889 Hebburn

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Jarvis
Tyne Dock
High Shields
South Shields
Bolden Colliery
East Bolden
Seaburn
Langbenton
Brampton Junction
Haltwhistle
Featherstone Park
Coanwood
Lambley
Slaggyford
Alston

-16-
LONDON MIDLAND REGION

30001	Kings Cross (Metropolitan)	30903	Sudbury Hill	32302	Granston (Herth)
30002	Farringdon	30904	Northolt Park	32401	Kings Langley + Abbot + Langley
30003	Barbican	31001	Harrow-on-the-Hill	32501	Moor Park
30004	Moorgate	31101	Broad Street	32502	Rickmansworth
30005	Kensington (Olympia)	31201	Dalston Junction	32503	Chorley + Chenies
30101	St Pancras	31202	Canonbury	32601	St Albans City
30201	Kentish Town	31301	Highbury + Islington	32602	Harpender
30301	West Hampstead Midland	31302	Caledonian Road + Barnsbury	32603	Luton
30302	Cricklewood	31303	Camden Road	32604	Leagrave
30303	Hendon	31401	Kentish Town West	32701	Bucket Wood
30304	Mill Hill Broadway	31402	Gospel Oak	32702	Park Street + Frogmore
30401	Euston	31403	Hampstead Heath	32703	St Albans Abbey
30501	South Hampstead	31404	Funchley Road + Frognal	32801	Apoley
30502	Kilburn High Road	31405	West End Lane	32802	Hemel Hempstead
30503	Queen's Park	31406	Brondebury	32803	Berkhamsted
30504	Kensal Green	31407	Brondebury Park	32804	Tring
30601	Willesden Junction	31408	Kensal Rise	32805	Chesham + Chesham Bois
30701	Harlesden	31501	Acton Central	32806	Leighton Buzzard
30702	Stonebridge Park	31502	South Acton	32901	Chalfont + Latimer
30703	Wembley Central	31601	Primrose Hill	32902	Amersham + Chesham Bois
30704	North Wembley	31701	Upper Holloway	33001	Great Missenden
30705	South Kenton	31801	Elstree + Borehamwood	33002	Wendover
30706	Kenton	31802	Radlett	33003	Stoke Mandeville
30707	Harrow + Wealdstone	31901	Carpenters Park	33101	Aylesbury
30708	Headstone Lane	31902	Bushy + Oxhey	33201	Harlington
30709	Hatch End	32001	Watford High Street	33202	Fletwick
30801	Marylebone	32101	Watford Junction	33301	Bedford Midland Road
30901	Wembley Hill	32201	Watford West	33401	Bedford St Johns
30902	Sudbury + Harrow Road	32202	Croxley Green	33402	Kempston + Hardwick
		32301	Watford North	33403	Stewartby
				33404	Millbrook (Beds)
				33405	Lidlington
				33501	Ridgmont

33502 Aspley Grove
 33503 Woburn Sands
 33504 Bos Brickhill
 33505 Fenny Stratford
 33601 Bletchley
 33701 Wolverton
 33820 King's Sutton
 33821 Banbury
 33910 Kettering
 33911 Kettering
 34010 Market Harborough
 34110 Leicester
 34210 Melton Mowbray
 34211 Oakham
 34310 Narborough
 34311 Hucknaby
 34410 Loughborough
 34510 Atherstone
 34511 Beeston
 34610 Nottingham
 34710 Netherfield & Colwick
 34711 Radcliffe-a-Trent
 34712 Bingham
 34713 Carlton & Netherfield
 34714 Burton Joyce
 34715 Loughborough
 34716 Thurgarton
 34717 Bleasby
 34718 Fiskerton
 34719 Rolleston
 34810 Long Eaton
 34811 Spondon

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Derby
 Duffield
 Belper
 Burton a-Trent
 Ambergate
 Whatstandwell
 Cromford
 Matlock
 Northampton
 Long Buckby
 Rugby
 Leamington Spa
 Warwick
 Hatton
 Lapworth
 Knowle
 Widney Manor
 Solihull
 Olden
 Acocks Green
 Claverdon
 Bearley
 Stratford-upon-Avon
 Wilnecote
 Wootton Waven Platform
 Henley-in-Arden
 Dunsley
 Wood End
 The Lakes
 Earlswood Lakes

35828 Grimes Hill & Wythall
 35829 Whitlocks End
 35830 Shurley
 35831 Yardley Wood
 35832 Hall Green
 35833 Spring Road
 35920 Tysley
 35921 Small Heath
 35922 Bordesley
 35923 Birmingham (Moor Street)
 36020 Selly Oak
 36021 Bournville
 36022 King's Norton
 36023 Northfield
 36024 Barnet Green
 36025 Alvechurch
 36026 Redditch
 36120 Birmingham (1st Street)
 36220 Smethwick Rolfe Street
 36320 Smethwick West
 36321 Langley Green
 36322 Rowley Regis
 36323 Old Hill
 36324 Cradley
 36325 Lye
 36326 Stowbridge Junction
 36327 Stowbridge Town
 36328 Hagley
 36329 Blakesdon
 36330 Kidderminster
 36331 Hartlebury
 36420 Oldbury
 36421 Dudley Port

36422	Tipton	37120	Water Oatton	37834	Etmore
36423	Coseley	37121	Wilnecote	37835	Langport
26520	Wolverhampton High Level	37220	Birches + Bilbrook	37836	Kidsgrove
30620	Birmingham Snow Hill	37221	Codsall	37837	Alsager
30621	Hockley (Warks)	37222	Albington	37838	Congleton
36622	Wincou Green	37223	Cosford	37934	Atterstone
30023	Handsworth	37224	Shifnal	37935	Polesworth
36624	West Bromwich	37225	Oakengates	37936	Tamworth High Level + Levels
30625	Swan Village	37226	New Hadley	37937	Lushfield Trent Valley
36626	Wednesbury	37227	Wellington	37938	Rugeley
30627	Bilston	37320	Coventry	38034	Crewe
36628	Priestfield	37420	Adderley Park	38134	Sandbach
30029	Wolverhampton Low Level	37421	Stechford	38135	Holmes Chapel
30720	Vauxhall + Duddleston	37422	Lea Hall	38136	Groosetrey
30721	Aston	37423	Marston Green	38234	Nantwich
30320	Utton	37424	Hampton n - Arden	38235	Wrenbury
30821	Penny Bar	37425	Berkswell	38236	Whitchurch (Salop)
36920	Great Barr	37426	Tile Hill	38237	Prees
30921	Bescot	37427	Canley	38238	Wem
36922	Walsall	37534	Stafford	38239	Yorton
37020	Gravelly Hill	37535	Penkridge	38334	Shrewsbury
37021	Erdington	37634	Norton Bridge	38335	Church Stretton
37022	Chester Road	37635	Stone	38434	Chester
37023	Wylde Green	37636	Barlaston + Tittensor	38534	Nuneaton
37024	Sutton Coldfield	37637	Wedgwood	38634	Shotton
37025	Four Oaks	37638	Langton	38635	Hawarden
37026	Butlers Lane	37639	Blythe Bridge	38636	Buckley Junction
37027	Blake Street	37640	Uttoxeter	38637	Penyfford
37028	Shenstone	37734	Stoke - n - Trent	38638	Hope Village
37029	Lushfield City			38639	Caergwynn Castle + Wells
				38640	Cefn - y - Bead
				38641	Gwersyllt.

38642 Wrexham Exchange
 38643 Wrexham Central
 38644 Gobowen
 38645 Chirk
 38646 Ruabon
 38647 Wrexham General
 38734 Pwllheli
 38735 Abercresk
 38736 Penychain
 38737 Criccieth
 38738 Black Rock
 38739 Portmadoc
 38740 Minffordd
 38741 Penrhyn-draeth
 38742 Llandecwyn
 38743 Talsarnau
 38744 Tygwyn
 38745 Harlech
 38746 Llandanwg
 38747 Llanbedr and Pensarn
 38748 Talwrn Bach
 38749 Dyffryn Ardudwy
 38750 Talybont
 38751 Llanaber
 38752 Barmouth
 38753 Morfa Mawddach
 38754 Fairbourne
 38755 Llwyngwril
 38756 Llangelynin
 38757 Tanfanau
 38758 Tawyn
 38759 Aberdovey

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Pentelwig
 Abersafon
 Grogarth
 Devil's Bridge - Rhedol Valley
 Rhwffon - Rhedol Valley
 Rhedol Falls - Rhedol Valley
 Aberffrow - Rhedol Valley
 Nantyroneu - Rhedol Valley
 Capel Bangor - Rhedol Valley
 Gleanafon - Rhedol Valley
 Llanbadarn - Rhedol Valley
 Aberystwyth
 Booth
 Dovey Junction
 Machynlleth
 Caerws
 Newtown
 Welshpool
 Holyhead
 Rhosneigr
 Ty Croer
 Badorgan
 Bangor
 Llanfai-fechan
 Penmaemawr
 Blaenau Ffestiniog
 Roman Bridge
 Dolwyddelan
 Pont-y-pant

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Belwas-y-Coed
 Llansfawr and Trefnewydd
 Dolgarrog
 Tal-y-cafn and Eglwysbach
 Glan Conway
 Llandudno Junction
 Degannwy
 Llandudno
 Colwyn Bay
 Abergeli and Pensarn
 Rhyd
 Prestatyn
 Flint
 Solan
 Flixton
 Chassen Road
 Urmston
 Trafford Park and Streetford
 Kinnisford
 Mobberley
 Ashley
 Hale
 Altrincham
 Navgatic Road
 Timperley
 Brooklands
 Sale
 Dane Road
 Streetford
 Warwick Road (Old Trafford)
 Old Trafford
 Deansgate
 Manchester (Oxford Road)

39034	Manchester (Piccadilly)	39065	New Mills Central	39134	Westhoughton
39035	Chelford	39066	Stones	39135	Bolton
39036	Alderley Edge	39067	Marple	39136	Mosses Gate
39037	Wilmslow	39068	Rose Hill (Marple)	39137	Farnworth + Holshaw Moor
39038	Handforth	39069	Romiley	39138	Kearsley
39039	Cheadle Hulme	39070	Woodley	39139	Clyfton Junction
39040	Stockport	39071	Hyde Central	39140	Daisy Hill
39041	Heaton Chapel + Heaton Moor	39072	Hyde North	39141	Atterton
39042	Levenshulme	39073	Guide Bridge	39142	Walkden
39043	Styal	39074	Fairfield	39143	Moorside + Wardley
39044	Heald Green	39075	Gorton	39144	Swinton
39045	Gatley	39076	Bredbury	39145	Pendleton
39046	East Didsbury and Parr's Wood	39077	Reddish North	39146	Salford
39047	Burnage	39078	Reddish South	39147	Patricroft
39048	Mauldeth Road	39079	Belle Vue	39148	Eccles
39049	Buxton	39080	Ashburys	39149	Manchester Victoria
39050	Dove Holes	39081	Ardwick	39150	Rawtenstall
39051	Chapel-en-le-Frith	39082	Denton	39151	Ewood Bridge + Edenfield
39052	Whaley Bridge	39083	Glossop	39152	Stubbins
39053	Furness Vale	39084	Hadfield	39153	Ramsbottom
39054	New Mills Newtown	39085	Dinting	39154	Summerseat
39055	Disley	39086	Broadbottom	39155	Bury
39056	Middlewood	39087	Godley Junction	39156	Radcliffe
39057	Hazel Grove	39088	Newton	39157	Whitefield
39058	Davenport	39089	Macclesfield	39158	Beccles o' th' Barn
39059	Grindaleford	39090	Prestbury	39159	Prestwich
39060	Hathersage	39091	Addington (Ches.)	39160	Heaton Park
39061	Bamford	39092	Poynton	39161	Bowker Vale
39062	Hope	39093	Bramhall	39162	Crummalls
39063	Edale			39163	Woodlands Road
39064	Chimley				

39104	Rochdale	39243	Saulkey	39276	St Michael's
39165	Castleton	39244	Widnes	39277	Mercy Road - Algburth
39166	Moston	39245	Hough Green	39278	Cressington + Grassendale
39167	Miles Platting	39246	Hunt's Cross	39279	Ganston (Lanes)
39168	Milnrow	39247	Gateacre	39280	West Kirby
39169	New Hey	39248	Allerton	39281	Hoylake
39170	Shaw + Crompton	39249	West Allerton	39282	Manor Road
39171	Royton Junction	39250	Mossley Hill	39283	Meols
39172	Oldham Mumps	39251	Edge Hill	39284	Moreton (Cheshire)
39173	Oldham Werneth	39252	Liverpool Lime Street	39285	Leasowe
39174	Hollinwood	39253	Dutton	39286	Birchton
39175	Faulswork	39254	Runcorn	39287	New Brighton
39176	Dean Lane	39255	Frodsham	39288	Wallasey Grove Road
39177	Greenfield	39256	Helsby	39289	Wallasey Village
39178	Mossley (Lanes)	39257	Ince + Elton	39290	Hawarden Bridge
39179	Stalybridge	39258	Stanton + Thornton	39291	Newton
39180	Ashton-under-Lyne	39259	Ellesmere Port	39292	Heewall
39181	Park	39260	Little Sutton	39293	Upton
39182	Bromley Cross	39261	Hooton	39294	Capenhurst
39234	St Helens (Shaw Street)	39262	Bromborough	39295	Upton-by-Chester
39235	Thatcho Heath	39263	Spital	39296	Birkenhead North
39236	Eccleston Park	39264	Port Sunlight	39297	Birkenhead Park
39237	Prescot	39265	Bebungton + New Ferry	39334	Croston
39238	Huyton	39266	Rock Ferry	39335	Rufford
39239	Roby	39267	Glazebrook	39336	Burscough Junction
39240	Broad Green	39268	Padgate	39337	Cross Kirk
39241	St Helens Junction	39269	Warrington Central	39338	Aughton Park
39242	Rainhill	39270	Green Lane	39339	Town Green + Aughton
		39271	Birkenhead Central	39340	Maghull
		39272	Birkenhead Hamilton Square	39341	Old Roan
		39273	Liverpool James Street	39342	Aintree
		39274	Liverpool Central Low Level	39343	Orrell Park
		39275	Liverpool Central	39344	Walters
				39345	Pemberton

39346 Orrell
 39347 Upholland
 39348 Ramford
 39349 Kirkby
 39350 Fazakerley
 39351 Preston Road
 39352 Kirtdale
 39353 Southport
 39354 Meols Cop
 39355 Bescar Lane
 39356 New Lane
 39357 Hoscote
 39358 Parbo Col
 39359 Appleton Bridge
 39360 Gathurst
 39361 Wigan Wallgate
 39362 Ince (Lancs)
 39363 Hindley
 39364 Birtcote
 39365 Hillside
 39366 Arundale
 39367 Freshfield
 39368 Formby
 39369 Hightown
 39370 Hall Road
 39371 Blundell Sands & Crosby
 39372 Waterloo (Lancs)

39373 Seaforth & Litherland
 39374 Bootle New Strand
 39375 Bootle Driel Road
 39376 Bank Hall
 39377 Sandhills
 39378 Liverpool Exchange
 39379 Burracough Bridge
 39434 Wigan North Western
 39435 Bryn
 39436 Garwood
 39437 Earlestown
 39438 Neston - le - Willows
 39439 Acton Bridge
 39440 Hartford
 39441 Worsford
 39442 Warrington Bank Quay
 39534 Mouldsworth
 39535 Delamere
 39536 Cheadle
 39537 Greenbank
 39538 Northwich
 39539 Lostock Gyalam
 39540 Plumley
 39634 Heysham
 39635 Morecambe
 39636 Bare Lane
 39637 Lancaster
 39638 Preston
 39639 Blackpool North
 39640 Leyton

39641 Poulton - le - Fylde
 39642 Blackpool South
 39643 Squires Gate
 39644 St Annes on the Sea
 39645 Ansdell & Fairhaven
 39646 Lytham
 39647 Kirkham & Wesham
 39648 Salwick
 39649 Colne
 39650 Nelson
 39651 Brierfield
 39652 Burnley Central
 39653 Burnley Barracks
 39654 Rose Grove
 39655 Hapton
 39656 Huncoat
 39657 Accrington
 39658 Church - Oswaldtwistle
 39659 Rishton
 39660 Blackburn
 39661 Mill Hill (Lancs)
 39662 Cherry Tree
 39663 Pleasington
 39664 Bamber Bridge
 39665 Todmorden
 39666 Littleborough
 39667 Darwen
 39668 Entwistle
 39669 Leyland
 39670 Chorley
 39671 Adlington (Lancs)
 39672 Blackrod

39940	Harrington
39941	Parton
39942	Whitehaven
39943	Conterdale
39944	St Bees
39945	Netterton
39946	Braystones
39947	Sellafield
39948	Seascale
39949	Dring
39950	Ravenglass
39951	Booth (Cumb)
39952	Silecroft
39953	Millom
39954	Green Row
39955	Foxfield
39956	Kirkby-in-Furness
39957	Askam
39958	Barnon-in-Furness
39959	Roote
39960	Dalton
39961	Ulverston
39963	Cark + Cartmel
39964	Kents Bank
39965	Grange-over-Sands
39966	Arncliffe

39734	Appleby
39735	Settle
39736	Long Preston
39737	Helliwell
39738	Gargrave
39739	Skipton
39740	Waptham (York)
39741	Griggleswick
39834	Carlisle
39835	Barnthorpe
39836	Oxenholme
39837	Carnforth
39838	Kearwick
39839	Threlkeld
39840	Troutbeck
39841	Pennine
39842	Blencow
39843	Windermere
39844	Staveley
39845	Burneside
39846	Kendal
39847	Wennington
39848	Bentham
39934	Dalston
39935	Wigton
39936	Aspaton
39937	Marnport
39938	Flemby
39939	Workington

WESTERN REGION

40101 Paddington
 40201 Westbourne Park
 40202 Acton Main line
 40301 Ealing Broadway
 40401 West Ealing
 40501 Hanwell
 40502 Southall
 40503 Hayes + Harlington
 40504 West Drayton + Yiewsley
 40601 Drayton Green
 40602 Castle Bar Park
 40603 South Greenford
 40604 Greenford
 40701 South Ruislip
 40702 West Ruislip
 40801 Denham
 40802 Denham Golf Club
 40901 Uxbridge
 41001 Langley
 41101 Slough
 41201 Windsor + Eton Central
 41301 Burnham
 41302 Taplow
 41401 Maidenhead
 41501 Fyne Platt
 41502 Cookham
 41503 Bourne End
 41504 Marlow
 41601 Twyford
 41701 Wargrave
 41702 Shiplake
 41703 Henley - on - Thames
 41801 Reading General

41901 Reading West
 42001 Theale
 42002 Aldermaston
 42101 Tilehurst
 42102 Pangbourne
 42103 Goring + Strateley
 42201 Gerrards Cross
 42202 Seer Green + Jordans
 42203 Beacomsfield
 42301 High Wycombe
 42401 Sanderson
 42402 Princess Risborough
 42501 Marls Risborough and Whiteleaf
 42502 Little Kimble
 42601 Midgham
 42602 Thatcham
 42701 Newbury
 42702 Newbury Race course
 42801 Kintbury
 42802 Hungerford
 42901 Cholsey and Moulsoford
 43001 Didcot
 43101 Appleford
 43102 Culham
 43103 Radley
 43201 Oxford
 43301 Handborough
 43401 Bicester North
 43501 Heyford
 43502 Tackley
 43611 Coombe
 43612 Finstock
 43613 Charlbury
 43614 Ascott - under - Wyche

43615 Shipton for Burford
 43616 Kingham
 43701 Bedwyn
 43702 Peasey
 43811 Moreton - on - the - Marsh
 43812 Evesham
 43813 Parshore
 43911 Worcester (Shrub Hill)
 44011 Worcester (Foregate Street)
 44111 Malvern Link
 44112 Great Malvern
 44113 Colwall
 44114 Ledbury
 44211 Droitwich Spa
 44311 Bromsgrove
 44411 Swindon
 44511 Kemble
 44512 Stroud
 44513 Stonehouse
 44611 Gloucester Eastgate
 44711 Gloucester Central
 44811 Aschurch for Tewkesbury
 44812 Cheltenham
 44813 Cheltenham Racecourse
 44911 Chippingham
 45011 Freshford
 45012 Avoncliff
 45013 Bradford - on Avon
 45014 Tronbridge
 45111 Bath
 45211 Oldfield Park
 45212 Keynsham and Somerdale
 45311 Bristol Temple Meads
 45411 Lawrence Hill
 45412 Stapleton Road
 45413 Montpellier

45414 Redland
 45415 Clifton Down
 45416 Sea Mills
 45417 Shirehampton
 45418 Avonmouth
 45419 St. Andrew's Road
 45420 Seven Beach
 45421 Filton
 45422 Patchway
 45423 Pilning
 45511 Weston - super - Mare
 45611 Bedminster
 45612 Pansor Street
 45613 Nailsea and Backwell
 45614 Yatton
 45615 West Milton
 45616 Highbridge for Burham-a-sea
 45617 Bradwater
 45711 Westbury
 45811 Frome
 45812 Dinton
 45813 Castle Cary
 45911 Taunton
 46011 Twerton Junction
 46111 Exeter St Davas
 46211 Yeovil Ten Mill
 46212 Thornford Bridge
 46213 Yetminster
 46214 Chetnole
 46215 Maiden Newton
 46311 Toller
 46312 Powerstock
 46313 Bradport
 46411 Tisbury
 46412 Gillingham
 46413 Sherborne

46414 Yeovil Junction
 46415 Crewkerne
 46416 Axminster
 46417 Honiton
 46418 Fenton
 46419 Whimple
 46511 Exeter Central
 46611 St James' Park
 46612 Pollock Bridge
 46613 Tappan
 46614 Exton
 46615 Lympstone
 46616 Exmouth
 46711 Newton St Cyres
 46712 Crediton
 46713 Yeoford
 46811 Bow
 46812 North Tawton
 46813 Sampford Courtenay
 46814 Okehampton
 46911 Copples tone
 46912 Moorhoad Road
 46913 Lapford
 46914 Eggesford
 46915 Kings Nympton
 46916 Portsmouth Arms
 46917 Umberleigh
 46918 Chapelton
 46919 Barnstaple Junction
 47011 Exeter St Thomas
 47012 Starcross for Exmouth
 47013 Dawlish Warren
 47014 Dawlish
 47015 Tergoumpton

47111 Newton Abbot
 47211 Torre
 47212 Torquay
 47213 Paignton
 47311 Goodington Sands
 47312 Churston
 47313 Kingswear
 47411 Totnes
 47511 Plymouth
 47611 Devonport
 47711 Dockyard
 47712 Keyham
 47811 St Budeaux Victoria Road
 47812 Bene Ferrers
 47813 Bene Alston
 47814 Calstock
 47815 Gunnislake
 47911 St Budeaux Ferry Road
 47912 Saltash
 47913 St Germans
 47914 Menhenot
 47915 Lukeard
 47916 Coombe
 47917 St Keyne
 47918 Causland
 47919 Sandplace
 47920 Looe
 47921 Bodmin Road
 47922 Lostwithiel
 47923 Par
 47924 Luxulyan
 47925 Budge
 47926 Roche

47927	St Columb Road	48953	Graugestown	49451	Heath High Level
47928	Quintrel Down	48954	Cogan	49452	Llanishen
47929	Newquay	48955	Dinas Powis	49453	Cefn On
47930	St Austell	48956	Cadoxton	49454	Caerphilly
47931	Turo	48957	Barny Docks	49455	Aber
47932	Perranwell	48958	Barny	49456	Llanbradach
47933	Pennryn	48959	Barny Island	49457	Ystrad Mynach
47934	Pennere	49051	Llandaff for Whitchurch	49458	Hengoed
47935	Falmouth	49052	Radyr	49459	Pengam
47936	Radnor	49053	Taffs Well	49460	Gulfach Fargod
47937	Camborne	49054	Treforest Estate	49461	Bargoed
47938	Hayle	49055	Treforest	49462	Britford
47939	St Erth	49056	Partynna	49463	Twr Phil
47940	Lelant	49151	Trehaferd	49464	Pontlottyn
47941	Carbis Bay	49152	Porto	49465	Rhymney
47942	St Ives	49153	Dinas Rhondda	49551	Bridgend
47943	Penzance	49154	Troypany and Trealan	49552	Port Talbot
48051	Hereford	49155	Llwynypia	49553	Neath
48151	Leominster	49156	Ystrad Rhondda	49554	Swansea
48152	Ludlow	49157	Treorchy	49555	Crowston
48251	Severn Tunnel Junction	49158	Treherbert	49556	Llanelli
48351	Newport	49251	Abercynon	49651	Pembrey + Bury Port
48451	Pontypool Road	49252	Quakers Yard	49652	Kidwelly
48452	Abergavenny	49253	Marthyr Vale	49653	Ferry-side
48551	Lydney	49254	Troedyrhys	49654	Carmarthen
48552	Chepstow	49255	Pentrebach	49655	Whitland
48553	Caldicot	49256	Merthyr	49656	Narberth
48651	Cardiff General	49351	Coryton	49657	Kilgetty
48751	Cardiff Butte Street	49352	Whitchurch	49658	Saunders foot
48851	Cardiff Queen Street	49353	Rhisbina	49659	Tenby
48951	Dingle Road	49354	Birchgrove	49660	Penally
48952	Penarth	49355	Heath Low Level	49661	Manorbier
				49662	Lamphey
				49663	Pembroke

49664 Pembroke Dock
49665 Clynderwen
49666 Clabeston Road
49667 Haverfordwest
49668 Johnston
49669 Milford Haven
49670 Fishguard Harbour
49751 Craven Arms + Stokesay
49851 Broome
49852 Hopton Heath
49853 Bucknell
49854 Knighton
49855 Knuckles
49856 Langmulls
49857 Wankister Road
49858 Dolan
49859 Penybont
49860 Llandrindod Wells
49951 Bwlth Wells
49952 Cilmeri
49953 Garth
49954 Llangammarch Wells
49955 Llanwrtyd Wells
49956 Cynghorby
49957 Llandovery
49958 Llanwrda
49959 Llangadog
49960 Llanerbo
49961 Ffairfach
49962 Llandybïe
49963 Ammanford + Tynydaul
49964 Pantyffynnon

49965 Pontardulais
49966 Llangennech
49967 Bynea

SCOTTISH REGION

50101 Annan
 50102 Dumfries
 50103 Kirkcubright
 50201 Lockerbie
 50202 Beattoch
 50301 Carstairs
 50401 Stranraer
 50402 Barrhill
 50403 Girvan
 50404 Maybole
 50501 Ayr
 50601 Newton - a - Ayr
 50602 Prestwick
 50603 Troon
 50604 Barrassie
 50605 Irvine
 50701 Largo
 50702 Fairlie Pier
 50703 Fairlie High
 50704 West Kilbride
 50705 Ardrossan Harbour
 50706 South Beach
 50707 Saltcoats
 50708 Stevenston
 50709 Kilwinning
 50801 Kilmarnock
 50802 Dalry
 50803 Glangarnock
 50901 Larkhall
 50902 Johnstone
 51001 Kilmacolm
 51002 Bridge of Weir

51003 Houston + Crosslee
 51101 Paisley Canal
 51102 Crookston
 51103 Mosspark West
 51104 Cerkeshill
 51201 Paisley Gilmore Street
 51202 Hillington West
 51203 Hillington East
 51204 Cardonald
 51301 Lanark
 51401 Carluke
 51402 Wishaw
 51501 Holytown
 51601 Motherwell
 51701 Bells hill
 51801 Uddingston
 51901 Newton
 52001 Kirkhill
 52002 Burnside
 52003 Croftfoot
 52004 Kings Park
 52101 Hamilton Central
 52102 Hamilton West
 52103 Blantyre
 52201 Cambuslang
 52301 Rutherford
 52401 Stewarton
 52402 Dunlop
 52403 Barrhead
 52404 Nithill
 52405 Kennishead
 52501 East Kilbride
 52502 Hairmyres

52503 Thorntonhall
 52504 Busby
 52505 Clarkston + Stampersland
 52506 Griffoch
 52507 Thornliebank
 52601 Pollockshaws West
 52602 Crossmyloof
 52701 Pollockshields East
 52801 Neilston
 52802 Patterton
 52803 Whitecraigs
 52804 Williamwood
 52805 Musesend
 52806 Cathcart
 52807 Mount Florida
 52808 Crosshill
 52809 Queens Park
 52901 Langside
 52902 Pollockshaws East
 52903 Shawlands
 52904 Maxwell Park
 52905 Pollockshields West
 52906 Glasgow Central
 53001 Shotts
 53002 Hartwood
 53003 Cleland
 53004 Carfin Halt
 53101 Ardross
 53102 Coatdyke
 53103 Coatbridge Sunnyside
 53104 Blawhill
 53105 Easterhouse
 53106 Gannohill
 53107 Shettleston

53108	Carn tyne	54502	Helenburgh Upper	55603	Drem
53109	Coatbridge Central	54601	Helenburgh Central	55604	Langradry
53201	Glasgow High Street	54701	Craigendaran	55605	Prestonpaul
53202	Bridgeton	54702	Cardross	55701	Edinburgh
53301	Glasgow Queen Street L L	54801	Balloch Pier	55801	Falhouse North
53401	Glasgow Queen Street H L	54802	Balloch Central	55802	Breich
53501	Springburn	54803	Alexandra	55803	Addiewell
53502	Barnhill	54804	Renton	55804	West Calder
53503	Alexandra Parade	54901	Dalmeoch	55901	Midcaldes
53504	Duke Street	54902	Dumbarton Central	55902	Kingsknowe
53601	Bellgrove	54903	Dumbarton East	55903	Staford
53701	Harbert	54904	Bowling	56001	Haymarket
53801	Falkirk High	54905	Kilpatrick	56101	Polmont
53901	Falkirk Grahamston	54906	Dalmuir Park	56102	Luskethgaw
53902	Cumbernauld	55001	Singer	56201	Dalmuir
54001	Croy	55002	Drumry	56301	Arrochar & Tarbet
54002	Leuzie	55003	Drumchapel	56302	Ardeer
54003	Bishopbriggs	55101	Milngavie	56303	Cranlarch
54101	Winnock	55102	Hillfoot	56401	Tyndrum Lower
54102	Fort Matilda	55103	Beardsen	56402	Dalmally
54103	Greenock West	55201	Westerton	56403	Tayrunlet
54104	Greenock Central	55301	Annesland	56404	Cannel Ferry
54105	Cartdyke	55401	Charing Cross	56405	Oban
54106	Bogston	55501	Clydebank	56501	Tyndrum Upper
54201	Wemyss Bay	55502	Yoker	56502	Bridge of Orchy
54202	Inverkip	55503	Garscadden	56503	Rannoch
54203	Branchton	55504	Scotstonhill	56601	Courour
54301	Port Glasgow	55505	Jordanhill	56602	Tulloch
54302	Woodhall	55506	Hyndland	56603	Roy Bridge
54303	Langbank	55507	Partick Hill	56604	Spean Bridge
54304	Bishopston	55601	Dunbar	56701	Fort William
54401	Paisley St James	55602	North Berwick		
54501	Garelochhead				

56801 Banavie
 56802 Corpach
 56803 Lathelide
 56804 Glenfunnau
 56805 Lechaultort
 56806 Beardsdale
 56807 Ansaig
 56808 Morar
 56809 Malling
 56901 Stirling
 57001 Dunblane
 57002 Glen eagles
 57101 Perth
 57201 Duntida - Bisham
 57202 Pitlochry
 57203 Blaw Atholl
 57204 Dalwhinnie
 57205 Newtonmore
 57206 Kingussie
 57207 Aviemore
 57208 Carr Bridge
 57301 Errol
 57302 Invergowne
 57401 North Queensferry
 57402 Inverkeithing
 57501 Rosyth Halt
 57502 Rosyth Dockyard
 57601 Dunfermline
 57701 Cowdenbeath
 57801 Lochgelly
 57802 Cardenden

57901 Aberdeen
 57902 Bursisland
 57903 Kynghorn
 57904 Kirkcaldy
 58001 Markinch
 58002 Ladybank
 58003 Springfield
 58004 Cupar
 58005 Leuchars June
 58101 Dundee
 58201 Broughty Ferry
 58202 Balmone Halt
 58203 Monifieth
 58204 Bann Links
 58205 Golf St Halt
 58206 Carnoustie
 58301 Arbroath
 58401 Montrose
 58402 Stonehaven
 58501 Aberdeen
 58601 Inverurie
 58602 Insh
 58603 Huntly
 58701 Keith Junction
 58801 Elgin
 58802 Forres
 58803 Nairn
 58901 Inverness
 59001 Dingwall
 59101 Garve
 59102 Lochbuchart
 59103 Achnacalt
 59104 Achnasheen
 59105 Achnasheleach
 59106 Strathcarron
 59107 Attadale

59108 Stroneferry
 59109 Duncraig
 59110 Ploverton
 59111 Durness
 59112 Kyle of Lochalsh
 59201 Invergordon
 59202 Fearn
 59203 Tam
 59204 Bonar Bridge
 59205 Culrain
 59301 Inverchin
 59302 Lairg
 59303 Rogart Halt
 59304 Golspie
 59305 Borra
 59306 Helmsdale
 59401 Kildonan
 59402 Kinbrace
 59403 Forsyth
 59404 Altnabreac
 59405 Scotsdale
 59406 Georgemas June
 59407 Thurso
 59408 Wick

1009



London Origin & Destination Survey
1971 - 1972

GLOSSARY

FORMAT

Volume

Station Codes cont..

40.	South Eastern Region.	EFD
41.		EBC
42.	South West Main.	EFD
43.		EBC
44.		NDEST (CSDEST)
45.		INT
46.		NORIG
47.	South West Windsor	EFD
48.		EBC
49.		NORIG
50.		INT
50.		NDEST (CSDEST)
51.	Eastern Region.	EFD
51.	(Kings Cross DIV.)	RDS
52.		DGR
52.		HDS
53.		INT
53.		LTF (LTB)
54.	Eastern Region	LTF (LTB)
55.	Eastern Region(Interchanges)	INT
56.	Eastern Region	EFD
57.	(Liverpool St.-Cambridge)	DGR
58.	Eastern Region	EFD
59.	(Liverpool St.-Ipswich)	DGR
60.	Eastern Region	EFD
61.	(Fenchurch St)	DGR
62.	London Midland St. Pancras	EFD
63.		DGR
63.		HDS
64.		INT
64.		LTF (LTB)
64.		EBC
64.		RBC

Station Codes cont.

65.	London Midland Watford/DC.	EFD
66.		LTF
67.		DGR
67.		HDS
68.		INT
68.		EBC
68.		RBC
69.	London Midland	EFD
69.	(Marylebone - Aylesbury)	RDS
70.		LTF
70.		EBC
70.		RBC
71.		HDS
71.		DGR
71.		INT
72.	Western Region	EFD
72.		RDS
73.		EFD
73.		RDS
74.		EBC
75.		DGR
75.		HDS
76.		DAR
77.		LTF
78		INT
79-82	London Underground Destinations(all Regions)	LTT
83.	Change Stations	LTC
84.	Program/Subroutine chart	

LTB Stations Raw Data Codes
(Card 1 Cols 74-76, 77-79, 80-82)

500	ACTON TOWN	554	CROXLEY	607	HOLGORN	662	NORTHWOOD HILLS	716	STOCKWELL
502	ALDGATE	555	DAGENHAM EAST	608	HOLLAND PARK	663	NOTTING HILL GATE	819	STONEBRIDGE PARK
503	ALDGATE EAST	556	DAGENHAM HEATHWAY	609	HOLWAY ROAD	664	OSWALD	718	STRAND
504	ALEDWYCH	557	DERDEN	610	HORNCHURCH	665	OLD STREET	797	STRATFORD
505	ALPERTON	558	DOLLIS HILL	611	HOUNSLOW CENTRAL	666	ONGAR	720	SUDBURY HILL
506	AMERSHAM	559	DRAYTON PARK	612	HOUNSLOW EAST	667	OSTRILEY	721	SUDBURY TOWN
507	ANGEL	560	EALING BROADWAY	613	HOUNSLOW WEST	668	OVAL	722	SURREY DOCKS
509	ARCHWAY	561	EALING COMMON	614	HYDE PARK CORNER	669	OXFORD CIRCUS	723	SWISS COTTAGE
509	ARNOS GROVE	562	EARL'S COURT	615	JCKENHAM	670	PADDINGTON	724	TEMPLE
510	ARSENAL	563	EAST ACTON	616	KENNINGTON	671	PARK ROYAL	725	THEYDON POIS
511	BAKER STREET	564	EASTCOPE	810	KENSAL GREEN	672	PARSONS GREEN	726	TOOTING BEC
512	BALHAM	565	EAST FINCHLEY	911	KENSINGTON (OLYMPIA)	673	PERIVALE	727	TOOTING BROADWAY
513	BANK	566	EAST HAM	619	KENTISH TOWN	674	PICCADILLY CIRCUS	728	TOTTENHAM COURT RD.
501	BARBICAN	804	EAST PUTNEY	812	KENTON	775	PIMLICO	729	TOTTENHAM HALL
801	BARKING	568	EDGWARE	813	KEN GARDENS	675	PINNER	730	TOTTENHAM/WHETSTONE
515	BARKINGSIDE	774	EDGWARE ROAD (BAKERLOO)	622	KILBURN	676	PLAISTOW	731	TOWER HILL
516	BARONS COURT	569	EDGWARE ROAD (METRO)	623	KILBURN PARK	677	PRESTON ROAD	732	TRAFAIGAR SQUARE
517	BAYSWATER	570	ELEPHANT & CASTLE	624	KINGSBURY	678	PUTNEY BRIDGE	733	TUFNELL PARK
518	BECONTFREE	571	ELM PARK	772	KING'S CROSS (METRO)	679	QUEENSBURY	734	TUFNHAM GREEN
519	BELSIZE PARK	572	EPING	625	KING'S CROSS ST PANCRAS	817	QUEENS PARK	735	TURNPIKE LANE
520	BETNAL GREEN	573	ESSEX ROAD	626	KNIGHTSBRIDGE	681	QUEENSWAY	820	UPMINSTER
521	BLACKFRIARS	574	EUSTON	627	LADROKE GROVE	682	RAVENSCOURT PARK	737	UPMINSTER BRIDGE
522	BLACKHORSE ROAD	575	FUSTON SQUARE	628	LAMBETH NORTH	683	RAYNERS LANE	738	UPNEY
523	BLAKE HALL	576	FAIRLOP	629	LANCASTER GATE	684	REDBRIDGE	739	URTON PARK
524	BOND STREET	577	FARRINGDON	630	LATIMER ROAD	685	REGENT'S PARK	740	UXBRIDGE
525	BOROUGH	578	FINCHLEY CENTRAL	631	LEICESTER SQUARE	798	RICHMOND	777	Vauxhall
526	BOSTON MANOR	579	FINCHLEY ROAD	632	LEYTON	687	RICHMANSWORTH	741	VICTORIA
527	BOUNDS GREEN	580	FINSBURY PARK	633	LEYTONSTONE	688	RODING VALLEY	742	WALTHAMSTOW CENTRAL
528	BOW ROAD	581	FULHAM BROADWAY	634	LIVERPOOL STREET	689	ROTHERHITHE	743	WANDFORD
529	BRENT	582	GANTS HILL	635	LONDON BRIDGE	690	ROYAL OAK	744	WAPPING
778	BRIXTON	583	GLOUCESTER ROAD	636	LOUGHTON	691	RUISLIP	745	WARRIN STREET
530	BROMLEY-BY-BOW	584	GOLDERS GREEN	637	MAIDA VALE	692	RUISLIP GARDENS	746	WARWICK AVENUE
531	BUCKHURST HILL	585	GOLDHAWK ROAD	638	MANOR HOUSE	693	RUISLIP MANOR	747	WATERLOO
532	BURNT OAK	586	GOODGE STREET	639	MANSION HOUSE	694	RUSSELL SQUARE	748	WATFORD
802	BUSHEY & OXHEY	587	GRANGE HILL	640	MARBLE ARCH	695	ST. JAMES'S PARK	821	WATFORD HIGH STREET
534	CALEDONIAN ROAD	588	GREAT PORTLAND STREET	641	MARYLEBONE	696	ST. JOHN'S WOOD	822	WATFORD JUNCTION
535	CAMDEN TOWN	589	GREENFORD	642	MILE END	697	ST. PAUL'S	823	WEMBLEY CENTRAL
536	CANNON STREET	590	GREEN PARK	643	MILL HILL EAST	698	SEVEN SISTERS	752	WEMBLEY PARK
537	CANONS PARK	605	GUNNEPSBURY	644	MONUMENT	699	SHADWELL	753	WEST ACTON
803	CARPENTERS PARK	592	HAINAULT	645	MOORGATE	700	SHEPHERD'S BUSH (CENTRAL)	754	WESTFOURNE PARK
539	CHALPONT & LATIMER	593	HAMMERSMITH	646	MOOR PARK	775	SHEPHERD'S BUSH (METRO)	755	WEST BROMPTON
540	CHALK FARM	773	HAMMERSMITH (METRO)	647	MORDEN	701	SHOREDITCH	756	WEST FINCHLEY
541	CHANCERY LANE	594	HAMPSTEAD	648	MORNINGTON CRESCENT	702	SLOANE SQUARE	757	WEST HAM
542	CHARING CROSS	595	HANGER LANE	649	NEASDEN	703	SNARESBROOK	758	WEST HAMPSTEAD
543	CHESHAM	806	HARLESDEN	650	NEWBURY PARK	704	SOUTH EALING	759	WEST HAVROW
544	CHIGWELL	807	HARROW & WEALDSTONE	814	NEW CROSS	799	SOUTHFIELDS	760	WEST KENSINGTON
545	CHISWICK PARK	598	HARROW-ON-THE-HILL	815	NEW CROSS GATE	706	SOUTHGATE	761	WESTMINSTER
546	CHORLEY WOOD & CHENIES	808	HATCH END	653	NORTH ACTON	707	SOUTH HARROW	762	WEST RUISLIP
547	CLAPHAM COMMON	809	HEADSTONE LANE	654	NORTH EALING	708	SOUTH KENSINGTON	763	WHITECHAPEL
548	CLAPHAM NORTH	601	HENDON CENTRAL	655	NORTHFIELDS	818	SOUTH KENTON	764	WHITE CITY
549	CLAPHAM SOUTH	602	HIGH BARNET	656	NORTH HARROW	710	SOUTH RUISLIP	765	WILLESDEN GREEN
550	COCKPOSTERS	603	HIGHBURY & ISLINGTON	657	NORTHOLT	711	SOUTH WIMBLEDON	824	WILLESDEN JUNCTION
551	COLINDALE	604	HIGHKATE	658	NORTH WEALE	712	SOUTH WOODFORD	825	WIMBLEDON
552	COLLIER'S WOOD	605	HIGH STREET KENSINGTON	816	NORTH WEMBLEY	713	STAMFORD BROOK	826	WIMBLEDON PARK
553	COVENT GARDEN	605	HILLINGDON	660	NORTHWICK PARK	714	STANMORE	769	WOODFORD
				661	NORTHWOOD	715	STEPNEY GREEN	770	WOOD GREEN
								771	WOODSIDE PARK

BRITISH RAIL edited data file format. nnnnnw@a1

DRS

Punching Instructions

DATE 31.7.74 NAME ATG DEPT JOB No 002/024/009 Page of

Southern Central.										BRSE2										BRSP2										southern pilot.									
Label	Origin Station	Purpose Distance	How to	Car parking	How from	No. of cars	Home area.	X London from	X London to	Effective destination	Selected interchanges	Croydon areas	Arrive time	Depart time	Substitution	Depart. time	London area	Ticket class	LTD from	LTD to	LTD change	Weight	Origin time	Full dest.	Station	Major at	Arrive time	Normalised	Origins	Normalised	Destinations	Start time	Finish time	Full destination area					
01	FO(1)	PUR	HT	CP	HF	NC	MO	CL	CT	ED	INT	DIS	ARR	DEP	ST	DRS	DA	CL	LT	TT	TC	WT	OP	FD	ST	N	MA	AR	NO	NC	ND	NT	NR	TA	R				

BRSE2										South East.																									
Label	Origin Station	Purpose Distance	How to	Car parking	How from	No. of cars	Home area.	X London from	X London to	Effective destination	Selected interchanges	Arrive time	Depart time	Substitution	Depart. time	London area	Ticket class	LTD from	LTD to	LTD change	Weight	Origin time	Full dest.	Station	Major at	Arrive time	Normalised	Origins	Normalised	Destinations	Start time	Finish time	Full destination area		
01	FO(1)	PUR	HT	CP	HF	NC	MO	CL	CT	ED	INT	DIS	ARR	DEP	ST	DRS	DA	CL	LT	TT	TC	WT	OP	FD	ST	N	MA	AR	NO	NC	ND	NT	NR	TA	R

BR SWM southwest train										BR SWW southwest west car.																									
Label	Origin Station	Purpose Distance	How to	Car parking	How from	No. of cars	Home area.	X London from	X London to	Effective destination	Selected interchanges	Arrive time	Depart time	Substitution	Depart. time	London area	Ticket class	LTD from	LTD to	LTD change	Weight	Origin time	Full dest.	Station	Major at	Arrive time	Normalised	Origins	Normalised	Destinations	Start time	Finish time	Full destination area		
01	FO(1)	PUR	HT	CP	HF	NC	MO	CL	CT	ED	INT	DIS	ARR	DEP	ST	DRS	DA	CL	LT	TT	TC	WT	OP	FD	ST	N	MA	AR	NO	NC	ND	NT	NR	TA	R

BR Eastern Region										BRELP, BRELC, BREFN,									
As above										As above									
short origin										as above									
Home destination										as above									
Train code										Train code									
Ticket type										Ticket type									

14a

15.

BRITISH RAIL FORMATS.

Edited Data Files - "A" Files.

These files are generated from the raw data files "O" files by a series of programs for each division of each Region, using many common sub routines. The record layout is generally similar for all divisions /regions from cols 1-51; thereafter cols 52 on show marked regional variations.

PROGRAM/SUBROUTINE CHART

Euston?

Mid
ST
ALCHS

Description & Return Variables	Southern Region Pilot	Southern Region Central Div	Southern Region SE Div	Southern Region SW Windsor Div	Southern Region SW Main Div	Eastern Region Phase I	Eastern Region L'pool St to C'bridge	Eastern Region L'pool St to Ipswich	Eastern Region F'church St Line	Midland Region Phase I	Midland Region M'bone to A'bury	Midland Region Main Line & DC	Western Region
Program Name (Chain file name)	BRSP2	BRSC2	BRSE2	BRSW	BRSW	BRE	BRELC	BRELP	BREFN	BRA2	BRMA3	BRMDC2	BRW
Main Program Name	MRASP	MRASC	MRASE	MRASW	HRASW	MRAE	MRELC	MRELP	MREFN	MRAIL	MRAMA3	MRAIDC	MRAIL*
Effective Destinations EFD, RDS, FDSTN, EBC	DRASC	DRASC	DRASE	DRASW	DRASW	MRAE(2)	DRAELC	DRAELP	DRAEFN	DRAM2	DRAMA	DRADC	DRAIL
Time Bands Analysis D NDTIM	TIMD	TIMD	TIMD	TIMD	TIMD								
Required Arrival Time ODTIM, RARTIM, NBTIM	RARASC	RARASC	RARASC	RARAW	RARASW	RARAE	RARAE	RARAE	RARAE	RARAIL	RARAM	RARAM	RARAIL*
Revised Required Arrival Time RARTIM				TSLIDE	TSLIDE								
Normalized Origin Station NORIG	CSORIG	CSORIG		HWORIG	SWORIG								
Normalized Destination Station NDEST	CSORIG	CSDEST		WDEST	SWDEST								
Intermediate Time Band BTIME for NBTIM, NKB, ATIME	CSBTIM	CSBTIM		WWBTIM	SWDTIM					RARAW	RARAW	RARAW	RARAW
Time Band for Analysis E NETIM	TIME	TIME	TIME	TIME	TIME								
Intermediate Time Band for NCTIM, NKC	CSCTIM	CSCTIM		WWCTIM	SWCTIM					DERAW	DERAW	DERAW	DERAW
Required Departure Time NCTIM, ARDTIM	DERASC	DERASC	DERASC	DERAW	DERASW	DERAE	DERAE	DERAE	DERAE	DERAIL	DERAM	DERAM	DERAIL*
London Destination Areas DAR	RASCA	RASCA	RASCA	RAWA	RAWA	RAILA	RAILA	RAILA	RAILA	RAILA	MAREA	MAREA	RAILA*
LTB Station Codes for Termini LTF, LTT		RAILB	RAILB	RAILB	RAILB	RAILB	RAILB	RAILB	RAILB	RAILB	RAILB	RAILB	RAILB
Scottish LTF Codes	SBRASC	SBRASC	SBRASC	SBRASW	SBRASW	SBRAE	SBRAE2	SBRAE2	SBRAE2	SBRAIL	SBRAMA	SBRADC	SBRAIL*
LTB Change Codes LTC	CBRAIL	CBRAIL	CBRAIL	CBRAIL	CBRAIL	CBRAIL	CBRAIL	CBRAIL	CBRAIL	CBRAIL	CBRAIL	CBRAIL	CBRAIL
Selected Interchanges INT	CRASC	CRASC	CRASE	CRASW	CRASW	CRAE	CRAELC	CRAELP	CRAEFN	CRAIL	CRAMA	CRADC	CRAIL*
Croydon Destination Areas DGR	CROYDN	CROYDN											
Normalized Origins North of Coukden South NORIG	LVORIG	LVORIG											
Brighton Destination Areas HDS	BRIGHT	BRIGHT											
Actual Work/Education Start Time NFTIM			FTIME										
Actual Work/Education Finish Time NGTIM			GTIME										
This subroutine re-ordered London termini for Midland Phase I and Western on old decode before raw data was converted. It must now be omitted either by commenting or introducing it as a dummy subroutine.										TRAIL			TRAIL
Overall Destination Groups DGR, HDS										HORAIL			HORAIL*
Train Codes COD						TRCODE	TRCODE	TRCODE	TRCODE				

Subroutines

Utilities Run Timers { STIME
PTIME
File Namers { SECK
ENTER
CLOSE

*Note, although many Western subroutines have similar names to Midland Phase I, they are NOT the same always FILE names are affixed with a "W" in place of the "L"

BR Formats Edited Data Files - "A" files.

<u>Col.</u>	<u>Field Name</u>	<u>Description</u>	<u>Size Range</u>
1-2	LABEL	Card Label Ø1	Ø1
3-7	FØ(1)	Origin station number	5(Ø - 9)
8	PUR	Purpose of journey	
		1 To or from work	
		2 On business other than (1)	
		3 Shopping	
		4 Sport Entertainment	
		5 To or from school/college as student	
		6 Other	
9	PUR	Distance start address to origin station	
		1 Under ½ mile	
		2 ½-1 mile	
		3 1-2 miles	
		4 2-4 miles	
		5 4-10 miles	
		6 Over 10 miles	
10-11	HOT	Mode of travel to origin station	
		1 Walked all the way	
		2 Cycle or motor cycle	
		3 Red arrow bus	
		(Note: many respondents answered this to any express pay-as-you-enter type service)	
		4 Other bus coach	
		5 Waterloo & city line	
		6 Underground	
		7 Taxi	
		8 Sea/Air	
		9 Car driver	
		10 Car passenger	
		11 Train	
		(Note: this was a deduced value mostly on Southern Region where origin station was a London terminal & origin area was outside London & stated mode was 1, 5, 6)	

BR Formats Edited Data Files - "A" files (cont'd)

<u>Col.</u>	<u>Field Name</u>	<u>Description</u>	<u>Size Range</u>
12	CPK	Car parking	
		1 Car driver	car driven away
		2 "	parked at station
		3 "	parked off street
		4 "	parked on street
		5 Car passenger	car driven away
		6 "	parked at station
		7 "	parked off street
		8 "	parked on street
		9 Driver or passenger not stated	
13	HOF	Mode of onward travel from destination station	
		1 Walk all the way	
		2 Cycle or motor cycle	
		3 Red arrow bus (see previous note)	
		4 Other bus coach	
		5 Waterloo & city	
		6 Underground	
		7 Taxi	
		8 Sea/Air	
		9 Car	
		(Note: in certain circumstances on Southern Region trips a trap was set for journeys where to effect destination EFD cols 24,25 was "other southern region changing at central London Terminal in which case "Mode on" was altered to value 9 if origin was (Southern Central (South West Main (South West Windsor value 8 if origin was Southern South East)	
14	NOC	No. of cars available for use	
		0 None or Null reply	
		1 One car	
		2 Two cars	
		3 Three or more cars	
15-19	HOM	Origin area code	5 (0-9)

BR Formats Edited Data Files - "A" files (cont'd)

<u>Col.</u>	<u>Field Name</u>	<u>Description</u>	<u>Size Range</u>
20-21	CLF	Cross London Journey FROM....	
		<u>Station</u>	<u>Station Number</u>
		1 Euston	30401
		2 St. Pancras	30101
		3 Marylebone	30801
		4 Broad St.	31101
		5 Liverpool St.	20101
		6 Fenchurch St.	21811
		7 Kings Cross	22421
		8 Paddington	40101
		9 Waterloo SE	10201
		10 Waterloo SW	10121
		11 Victoria Central	11411
		12 Victoria SE	10001
		13 London Bridge Central	10111
		14 London Bridge SE	10301
		15 Cannon St.	10401
		16 Holborn	13001
		17 Blackfriars	13101
		18 Charing Cross	10101
		19 Vauxhall	10221
		20 Elephant & Castle	13201
22-23	CLT	Cross London Journey TO.....	
		1 Euston	
		2 St. Pancras	
		3 Marylebone	
		4 Broad St.	
		5 Liverpool St.	
		6 Fenchurch St.	
		7 Kings Cross	
		8 Paddington	
		9 Waterloo SE	
		10 Waterloo SW	

BR Formats Edited Data Files - "A" files (cont'd)

<u>Col.</u>	<u>Field Name</u>	<u>Description</u>	<u>Size Range</u>
		11 Victoria Central	
		12 Victoria SE	
		13 London Bridge Central	
		14 London Bridge SE	
		15 Cannon St.	
		16 (Holborn) (Blackfriars)	
		17 Charing Cross	
		18 Vauxhall	
		19 Elephant & Castle	
24-25	EFD	Effective Destination See separate schedule for each division (SSS fed)	2 (Ø-9)
26-27	INT	Selected interchange	2 (Ø-9) (SSS fed)
28-29	DGR	Various uses SSS fed Southern central Croydon Area destinations South East) None South West) Eastern: Short origin code Midland: Overall destination groups Western: None	2 (Ø-9)
30-31	RARTIM	Required Arrival time	2 (Ø-9) SSS fed
32-33	ARDTIM	Required Return departure time	2 (Ø-9) SSS fed
34-35	RDS	Selected Return departure station	2 (Ø-9) SSS fed
36-37	HDS	Various uses SSS fed Southern Central Brighton are destinations South East) None South West) Eastern) Midland) Home destination station Western)	2 (Ø-9)

BR Formats Edited Data Files - "A" files (cont'd)

<u>Col.</u>	<u>Field Name</u>	<u>Description</u>	<u>Size Range</u>
38-40 41	DAR CLA	London Area destinations Ticket class 1 First class 2 Second class	3(Ø-9) SSS fed
42-44	LTF	London Transport Underground FROM See separate scedule	3(Ø-9) SSS fed
45-47	LTT	London Transport Underground TO	3(Ø-9) SSS
48-50	LTC	London Transport Underground Change (first change)	3(Ø-9) SSS
51	WT	Weighting (Note: Eastern Region phase I weighting is to make data up to full sample all other Region data is made up to a 25% sample of travellers)	(Ø-9)

From col 52 on the records show a much greater disparity between Regions and are listed on a Regional Basis.

BR Formats Edited Data Files - "A" files.Southern Region all Divisions.

<u>Col.</u>	<u>Field Name</u>	<u>Description</u>	<u>Size Range</u>
52-53	ODTIM	Origin Departure Time	2(Ø-9) SSS fed
54-58	FDSTN	Full Destination Station Code	5(Ø-9)
59	MT	Major time band for Regional arrival time valid for work and education journeys only other journeys given times of preceding work and education journey to approximately place them. 1 up to 7000 hrs. 2 7000 - 0814 hrs. 3 0815 - 0914 hrs. 4 0914 - 0959 hrs. 5 1000 hrs. and after.	
60-61	EBC	Selected destinations shorter list for analysis 6	2(Ø-9) SSS fed
62-73		The next six fields are true only for Southern Central South West Main Line South West Windsor and for work and education journeys only the term "normalized times" means required arrival or departure times adjusted to the equivalent to arrival/departure at the superior London terminus	SSS fed
62-63	NBTIM	Normalized Required arrival time Time bands as RARTIM	2(Ø-9)

BR Formats Edited Data Files - "A" files (cont'd)

<u>Col.</u>	<u>Field Name</u>	<u>Description</u>	<u>Size Range</u>
64-65	NCTIM	Normalized required departure time Time Bands as ARDTIM	2(Ø-9)
66-67	NORIG	Specified origins for normalized times	2(Ø-9)
68-69	NDEST	Normalized Destinations	2(Ø-9)
70-71	NDTTIM	Actual work/education start time time bands as RARTIM	2(Ø-9)
72-73	NETIM	Actual work/education finish time time bands as ARDTIM	2(Ø-9)
62-73		for Southern South East only work and education journeys	
62-63	NDTIM	Actual work/education start time time bands as RARTIM	2(Ø-9)
64-65	NETIM	Actual work/education finish time time bands as ARDTIM	2(Ø-9)
66-69		Blank	
70-71	NFTIM	Actual work/education start time special time bands SSS fed	2(Ø-9)
72-73	NGTIM	Actual work/education finish times special time bands SSS fed	2(Ø-9)
		All Southern Region	
74-78	TAR	full destination area	5(Ø-9)

End of Record

BR Formats Edited Data Files - "A" Files.

<u>Col.</u>	<u>Field Name.</u>	<u>description.</u>	<u>Size Range.</u>
-------------	--------------------	---------------------	--------------------

EASTERN REGION.

52-55	COD	train code (as defined by ER for each station)	4(0-9)
56	CLA	Ticket class	(1-2)
57	TYP	Ticket Type	(1-6)

.end of record.

MIDLAND REGION.

52-53	ATIME	Origin departure time as Southern region RARTIM.	2(0-9) SSS fed
54-58	FDSTN	Full destination station code.	5(0-9)
59-60	EBC	selected destinations shorter list for analysis 6	2(0-9) SSS fed
61-62	BTIME	Arrival times for analysis B as RARTIM southern region	2(0-9) SSS fed
63-64	CTIME	Departure times for analysis C as ARDTIM southern region	2(0-9) SSS fed
65-66	RBC	selected return departure station shorter list for analysis 6.	2(0-9) SSS fed

. end of record.

WESTERN REGION.

52-53	ODTIM	Origin departure time As Midland time Bands	2(0-9) SSS fed
54-55	EBC	Effective destination for analysis B&C	2(0-9) SSS fed
56-58		Blank	
59-64	RRDTIM	Return departure times as Midland Time bands.	2(0-9) SSS fed

. end of record.

BR Formats Edited Data Files - "A" Files .

Southern Region Pilot.

Logics1 differences in Edit BRSP2 from remainder of region

1. If Q7 (raw data card 1 col 19). Not equal . Zero/Blank then
HOF Editedfile col 13 = Q7.

2. IF LTT. not equal . Zero/Blank.

then [if EFD.EQ.1 then LTF = 1
If EFD.EQ 6 then LTF = 8
Otherwise LTF = 19]

Otherwise LTF = Blank.

BR Formats - "A" Files - SSS fed

RARTIM - Required Arrival Times - All Southern Region
Cols 30 - 31

for work and education journeys only, i.e., of Col 8 EQ 1 or 5
otherwise RARTIM = \emptyset
RARTIM = (Work/Ed start time) - (time, destination station to place
of Work/Ed)

<u>Col. Value</u>	<u>Time Range</u>	<u>Col. Value</u>	<u>Time Range</u>
01	up to 0500	35	0850 - 0854
02	0500 - 0529	36	0855 - 0859
03	0530 - 0559	37	0900 - 0904
04	0600 - 0629	38	0910 - 0914
05	0630 - 0639		
06	0640 - 0649	41	0915 - 0919
07	0650 - 0659	42	0920 - 0924
		43	0925 - 0929
		44	0930 - 0934
		45	0935 - 0939
11	0700 - 0704	46	0940 - 0944
12	0705 - 0709	47	0945 - 0949
13	0710 - 0714	48	0950 - 0954
14	0715 - 0719	49	0955 - 0959
15	0720 - 0724		
16	0725 - 0729	51	1000 - 1029
17	0730 - 0734	52	1030 - 1059
18	0735 - 0739	53	1100 - 1129
19	0740 - 0744	54	1130 - 1159
		55	1200 - 1229
21	0745 - 0749	56	1230 - 1259
22	0750 - 0754	57	1300 - 1359
23	0755 - 0759	58	1400 - 1459
24	0800 - 0804	59	1500 and after
25	0805 - 0809		
26	0810 - 0814		
27	0815 - 0819		
28	0820 - 0824		
29	0825 - 0829		
31	0830 - 0834		
32	0835 - 0839		
33	0840 - 0844		
34	0845 - 0849		

BR Formats - "A" Files - SSS fed

ODTIM - Origin Departure Time - All Southern Region
Cols 52 - 53

<u>Col. Value</u>	<u>Time Range</u>	<u>Col. Value</u>	<u>Time Range</u>
01	up to 0500	31	0840 - 0844
02	0500 - 0529	32	0845 - 0849
03	0530 - 0559	33	0850 - 0854
04	0600 - 0629	34	0855 - 0859
05	0630 - 0639	35	0900 - 0904
06	0640 - 0649	36	0905 - 0909
07	0650 - 0659	37	0910 - 0914
08	0700 - 0704	38	0915 - 0919
09	0705 - 0709	39	0920 - 0924
11	0710 - 0714	41	0925 - 0929
12	0715 - 0719	42	0930 - 0934
13	0720 - 0724	43	0935 - 0939
14	0726 - 0729	44	0940 - 0944
15	0730 - 0734	45	0945 - 0949
16	0735 - 0739	46	0950 - 0954
17	0740 - 0744	47	0955 - 0959
18	0745 - 0749	48	1000 - 1029
19	0750 - 0754	49	1030 - 1059
21	0755 - 0759	51	1100 - 1129
22	0800 - 0804	52	1130 - 1159
23	0805 - 0809	53	1200 - 1229
27	0810 - 0814	54	1230 - 1259
25	0815 - 0819	55	1300 - 1329
26	0820 - 0824	56	1330 - 1359
27	0825 - 0829	57	1400 - 1429
28	0830 - 0834	58	1430 - 1459
29	0835 - 0839	59	1500 and after

BTIM Required arrival time (work & education)
col 61-62 Midland.

BR Formats - "A" Files - SSS fed

ARDTIM - Required Return Departure Time - All Southern Region
Cols 32 - 33

for work and education journeys only, i.e., if Col. 8 EQ 1 or r
otherwise ARDTIM = ∅

ARDTIM = (Word/Ed Finish time) + (time, place of Word/Ed to
Return Departure Station)

<u>Col. Value</u>	<u>Time Range</u>	<u>Col. Value</u>	<u>Time Range</u>
01	before 1200	31	1730 - 1734
02	1200 - 1229	32	1735 - 1739
03	1230 - 1259	33	1740 - 1744
04	1300 - 1329	34	1745 - 1949
05	1330 - 1359	35	1750 - 1754
06	1400 - 1429	36	1755 - 1759
07	1430 - 1459	37	1700 - 1804
08	1500 - 1529	38	1805 - 1809
09	1530 - 1559	39	1810 - 1815
11	1600 - 1604	41	1815 - 1819
12	1605 - 1609	42	1820 - 1824
13	1610 - 1614	43	1825 - 1829
14	1615 - 1619	44	1830 - 1834
15	1620 - 1624	45	1835 - 1839
16	1625 - 1629	46	1840 - 1844
17	1630 - 1634	47	1845 - 1849
18	1635 - 1639	48	1850 - 1854
19	1640 - 1644	49	1855 - 1859
21	1645 - 1649	51	1900 - 1929
22	1650 - 1654	52	1930 - 1959
23	1655 - 1659	53	2000 - 2029
24	1700 - 1704	54	2030 - 2059
25	1705 - 1709	55	2100 - 2129
26	1710 - 1714	56	2130 - 2159
27	1715 - 1719	57	2200 - 2229
28	1720 - 1724	58	2230 - 2259
29	1725 - 1729	59	2300 and after

CTIM Required Return departure time (work/education)
Col 63-64 Midland.

BR Formats - "A" Files - SSS FED.

SOUTH EASTERN

Special Time Bands.

FTIME cols 70-71

GTIME cols 72-73

-
1. Until 7.09
 2. 7.10 - 7.14
 3. 7.15 - 7.19
 4. 7.20 - 7.24
 5. 7.25 - 7.29
 6. 7.30 - 7.34
 7. 7.35 - 7.39
 8. 7.40 - 7.44
 9. 7.45 - 7.49
 11. 7.50 - 7.54
 12. 7.55 - 7.59
 13. 8.00 - 8.04
 14. 8.05 - 8.09
 15. 8.10 - 8.14
 16. 8.15 - 8.19
 17. 8.20 - 8.24
 18. 8.25 - 8.29
 19. 8.30 - 8.34
 21. 8.35 - 8.39
 22. 8.40 - 8.44
 23. 8.45 - 8.49
 24. 8.50 - 8.54
 25. 8.55 - 8.59
 26. 9.00 - 9.04
 27. 9.05 - 9.09
 28. 9.10 - 9.14
 29. 9.15 - 9.19
 31. 9.20 - 9.24
 32. 9.25 - 9.29
 33. 9.30 - 9.34
 34. 9.35 - 9.39
 35. 9.40 - 9.44
 36. 9.45 - 9.49
 37. 9.50 - 9.54
 38. 9.55 - 9.59
 39. 10.00 +

-
1. Until 16.00
 2. 16.00 - 16.04
 3. 16.05 - 16.09
 4. 16.10 - 16.14
 5. 16.15 - 16.19
 6. 16.20 - 16.24
 7. 16.25 - 16.29
 8. 16.30 - 16.34
 9. 16.35 - 16.39
 11. 16.40 - 16.44
 12. 16.45 - 16.49
 13. 16.50 - 16.54
 14. 16.55 - 16.59
 15. 17.00 - 17.04
 16. 17.05 - 17.09
 17. 17.10 - 17.14
 18. 17.15 - 17.19
 19. 17.20 - 17.24
 20. 17.25 - 17.29
 22. 17.30 - 17.34
 23. 17.35 - 17.39
 24. 17.40 - 17.44
 25. 17.45 - 17.49
 26. 17.50 - 17.54
 27. 17.55 - 17.59
 28. 18.00 - 18.04
 29. 18.05 - 18.09
 31. 18.10 - 18.14
 32. 18.15 - 18.19
 33. 18.20 - 18.24
 34. 18.25 - 18.29
 35. 18.30 - 18.34
 36. 18.35 - 18.39
 37. 18.40 - 18.44
 38. 18.45 - 18.49
 39. 18.50 +

BR Formats - "A" Files - SSS FED.

EASTERN REGION

All Divisions

RARTIM cols 30-31 Required Departure Times.

- 1. Until 7.00
- 2. 7.00 - 7.14
- 3. 7.15 - 7.29
- 4. 7.30 - 7.44
- 5. 7.45 - 7.59
- 6. 8.00 - 8.14
- 7. 8.15 - 8.29
- 8. 8.30 - 8.44
- 9. 8.45 - 8.59
- 11. 9.00 - 9.14
- 12. 9.15 - 9.29
- 13. 9.30 - 9.44
- 14. 9.45 - 9.59
- 15. 10.00 - 10.29
- 16. 10.30 - 10.59
- 17. 11.00 - 11.29
- 18. 11.30 - 11.59
- 19. 12.00 - 12.29
- 21. 12.30 - 12.59
- 22. 13.00 - 13.29
- 23. 13.30 - 13.59
- 24. 14.00 - 14.29
- 25. 14.30 - 14.59
- 26. 15.00 - 15.29
- 27. 15.30 - 15.59
- 28. 16.00 +

BR Formats - "A" Files - SSS FED.

EASTERN REGION.

All Divisions

ARDTIM cols 32-33 Required Departure Times.

1. Until 12.00
2. 12.00 - 12.29
3. 13.00 - 13.59
4. 14.00 - 14.59
5. 15.00 - 15.59
6. 16.00 - 16.14
7. 16.15 - 16.29
8. 16.30 - 16.44
9. 16.45 - 16.59
11. 17.00 - 17.14
12. 17.15 - 17.29
13. 17.30 - 17.44
14. 17.45 - 17.59
15. 18.00 - 18.14
16. 18.15 - 18.29
17. 18.30 - 18.44
18. 18.45 - 18.59
19. 19.00 - 19.59
21. 20.00 - 20.59
22. 21.00 - 21.59
23. 22.00 - 22.59
24. 23.00 :

London Midland Region.

Required Arrival. Time Bands RARTIM Cols 30-31.

Blank ie. NON (Work or School)

1. Up to 0700
2. 0700-0729
3. 0730-0759
4. 0800-0814
5. 0815-0829
6. 0830-0844
7. 0845-0859
8. 0900-0914
9. 0915-0929
10. 0930-0959
11. 1000-1029
12. 1030-1059
13. 1100-1159
14. 1200-1259
15. 1300-1359
16. 1400-1459
17. 1500-1559
18. 1600 & Over.

Required Departure . Time Bands ARDTIM Cols 32-33

Blank ie. NON (Work or School)

- | | |
|---------------|------------------|
| 1. Up To 1500 | |
| 2. 1500-1559 | |
| 3. 1600-1629 | |
| 4. 1630-1644 | |
| 5. 1645-1659 | |
| 6. 1700-1714 | |
| 7. 1715-1729 | |
| 8. 1730-1744 | |
| 9. 1745-1759 | |
| 10. 1800-1814 | |
| 11. 1815-1829 | |
| 12. 1830-1844 | |
| 13. 1845-1859 | |
| 14. 1900-1959 | |
| 15. 2000-2059 | |
| | 16. 2100-2159 |
| | 17. 2200-2259 |
| | 18. 2300 & Over. |

BR Formats - "A" Files - SSS FED.

WESTERN REGION.

RARTIM - Cols 30-31

Required Arrival Times

ODTIM - Cols 52-53

Actual Morning departure Times.

-
1. Until 6.00
 2. 6.00 - 6.29
 3. 6.30 - 6.44
 4. 6.45 - 6.59
 5. 7.00 - 7.14
 6. 7.15 - 7.29
 7. 7.30 - 7.44
 8. 7.45 - 7.59
 9. 8.00 - 8.14
 11. 8.15 - 8.29
 12. 8.30 - 8.44
 13. 8.45 - 8.59
 14. 9.00 - 9.14
 15. 9.15 - 9.29
 16. 9.30 - 9.44
 17. 9.45 - 9.59
 18. 10.00 - 10.29
 19. 10.30 - 10.59
 21. 11.00 - 11.29
 22. 11.30 - 11.59
 23. 12.00 - 12.29
 24. 12.30 - 12.59
 25. 13.00 - 13.29
 26. 13.30 - 13.59
 27. 14.00 - 14.29
 28. 14.30 - 14.59
 29. 15.00 +

BR Formats - "A" Files - SSS FED.

Western Region.

ARDTIM - Cols 32-33

Required Return Departure Times

1. Until 12.00
2. 12.00 - 12.29
3. 12.30 - 12.59
4. 13.00 - 13.29
5. 13.30 - 13.59
6. 14.00 - 14.29
7. 14.30 - 14.59
8. 15.00 - 15.29
9. 15.30 - 15.59
11. 16.00 - 16.29
12. 16.30 - 16.44
13. 16.45 - 16.59
14. 17.00 - 17.14
15. 17.15 - 17.29
16. 17.30 - 17.44
17. 17.45 - 17.59
18. 18.00 - 18.14
19. 18.15 - 18.29
21. 18.30 - 18.44
22. 18.45 - 18.59
23. 19.00 - 19.29
24. 19.30 - 19.59
25. 20.00 - 20.29
26. 20.30 - 20.59
27. 21.00 - 21.29
28. 21.30 - 21.59
29. 22.00 - 22.29
31. 22.30 - 22.59
32. 23.00 - 23.29
33. 23.30 - 23.59
34. 24.00 +

EFD cols 24-25 Effective Destinations.

1. Victoria (Ct1.)
2. Charing Cross (S.E.)
3. Waterloo (S.E.)
4. Waterloo (S.W.)
5. Cannon Street (S E.)
6. London Bridge (Ct1.)
7. Vauxhall
8. Elepant & Castle
9. Blackfriars
10. Holborn Viaduct
11. Clapham Junction
12. East Croydon
13. New Cross Gate
14. Peckham Rye
15. Wimbledon
16. West Croydon
17. South Croydon
18. Sutton
19. Epsom
20. Leatherhead
21. Dorking
22. Redhill
23. Salfords
24. Gatwick Airport
25. Three Bridges
26. Crawley
27. Horsham
28. Guilford
29. Tunbridge
30. East Grinstead
31. Oxted
32. Tunbridge Wells Central
33. Haywards Heath
34. Brighton
35. Lewes
36. Eastbourne
37. St. Leonards
38. Hastings
39. Hove

BR Formats - "A" Files - SSS FED.

SOUTHERN REGION CENTRAL DIVISION

EBC cols 60- 61. Short list Effective Destinations.

1. Victoria (Ct1.)
2. CharingCross (S.E)
3. Waterloo (S.E)
4. Waterloo (S.W.)
5. Cannon Street(S E.)
6. London Bridge (Ct1)
7. Vauxhall
8. Elephant & Castle
9. Blackfriars
10. Holborn Viaduct
11. East Croydon
12. Peckham Rye
13. Wimbledon
14. West Croydon
15. Sutton
16. Epsom
17. Redhill
18. Three Bridges
19. Crawley
21. Horsham
22. Haywards Heath
23. Brighton
24. Lewes
25. Eastbourne
26. St. Leonards

BR FORMATS-"A"FILES-SSS FLD

INT - SELECTED INTERCHANGES SOUTHERN CENTRAL
COLS 26-27

13 PURLEY	01	
13EAST CROYDON	02	
13WEST CROYDON	03	
13WIMBLETON	04	
13TULSE HILL	05	
13CLAPHAM JUNCTION	06	
13PECKHAM RYE	07	
13HERNE HILL	08	
13LONDON BRIDGE	09	
13BLANK	10	
13HASTINGS	11	
13ST. LEONARDS WANDS.	12	
13E2STBOURNE	13	
13LEWES	14	
13BRIGHTON	15	
13HAYWARDS HEATH	16	
13THREE BRIDGES	17	
13REDHILL	18	
13HAVE	19	
13BLANK	20	
13WORTHING	21	
13FORD	22	
13BARNHAM	23	
13CHICHESTER	24	
13HAVANT	25	
13FRATTON	26	
13PORTSMTH & SOUTHEA	27	
13ARUNDELL	28	
13HORSHAM	29	
13BLANK	30	
13DORKING	31	
13LEATHERHEAD	32	
13EPSOM	33	
13SUTTON	34	
13MITCHAM JUNCTION	35	
13RAYNES PARK	36	
13NORWOOD JUNCTION	37	
13CRYSTAL PALACE	38	
13STREATHAM	39	
13BLANK	40	
13BALHAM	41	
13BECKENHAM JUNCTION	42	
13GIPSY HILL	43	
13WEST NORWOOD	44	
13THORNTON HEATH	45	
13NORBURY	46	
13STREATHAM COMMON	47	
13SANDERSTEAD	48	
13OXTEU	49	
13BLANK	50	
13EUDGE	51	
		13TUNBRIDGE WELLS CTL. 52
		13TAYDRIDGE 53
		13GUILDFORD 54
		13VICTORIA 55
		13EFFINGHAM JUNCTION 56
		13MOLSPUR PARK 57
		13ORF 58
		13OTHER 59

BR FORMATS-"A"FILES-SSS FEU

NORIG - NORMALIZED ORIGIN- SOUTHERN CENTRAL FROM COULSDON SOUTH
COLS 66-67

13ENSWORTH	1		
13SOUTHBOURNE	2		
13NUTHOURNE	3		
13BUSHAM	4	13AMBERLEY	52
13FISHBOURNE	5	13PULBOROUGH	53
13CHICHESTER	6	13BILLINGSHURST	54
13BOGNOR	7	13CHRISTS HOSPITAL	55
13FORD	8	13HORSHAM	56
13BARNHAM	9	13	57
13LITTLEHAMPTON	10	13	58
13ANGMERING	11	13	59
13GORING-BY-SEA	12	13	60
13DURRINGTON-ON-SEA	13	13	61
13WEST WORTHING	14	13LITTLEHAVEN	62
13WORTHING	15	13FAYGATES	63
13EAST WORTHING	16	13IFIELD	64
13LANCING	17	13CRAWLEY	65
13SHOREHAM-BY-SEA	18	13THREE BRIDGES	66
13SOUTHWICK	19	13GATWICK	67
13FISHERSGATE	20	13HORLEY	68
13PORTSLADE & W. HOVE	21	13SALFORDS	69
13ALDRINGTON	22	13EARLSWOOD	70
13HOVE	23	13BETCHWORTH	71
13FALMER	24	13DEEPOENE	72
13LONDON ROAD	25	13DORKING TOWN	73
13BRIGHTON	26	13KELGATE	74
13PRESTON PARK	27	13EDENBRIDGE	75
13HASSOCKS	28	13GODSTONE	76
13BURGESS HILL	29	13NUTEFIELD	77
13CALLINGTON	30	13REDHILL	78
13COODEN BEACH	31	13MERSTHAM	79
13NORMANS BAY	32	13COULSDON SOUTH	80
13PEVENSEY BAY	33	13UCKFIELD	81
13PEVENSEY & WESTHAM	34	13BUXTED	82
13EASTBOURNE	35	13CROWBORO & JARVIS BR	83
13HAMPDEN PARK	36	13GROOMBRIDGE	84
13POLEGATE	37	13ERIDGE	85
13BERWICK	38	13ASHURST	86
13GLYNDE	39	13CUWDEN	87
13SEAFORD	40	13HEVER	88
13BISHIPSTONE	41	13EDENBRIDGE TOWN	89
13NEWHAVEN HARBOUR	42	13EAST GRINSTEAD	90
13NEWHAVEN TOWN	43	13DORMANS	91
13SOUTHEASE & RODMELL	44	13LINGFIELD	92
13LEWES	45	13HURST GREEN	93
13COOKSBRIDGE	46	13OXTED	94
13PLIMPTON	47	13WOLDINGHAM	95
13WIVELSFIELD	48	13UPPER WARLINGHAM	96
13HAYWARDS HEATH	49	13RIDDELSOWN	97
13BALCOMBE	50	13SANDLERSTEAD	98
13ARUNDEL	51		

BR FORMATS-"A"FILES-SSS FLD.

NORIG - NORMALIZED ORIGIN- SOUTHERN CENTRAL FROM COLSDON NORTH
COLS 66-67

13COULSDON NORTH	1		
13CATERHAM	2		
13WHYTELEAFE SOUTH	3		
13WHYTELEAFE	4		
13KENLEY	5		
13TATTENHAM CORNER	6		
13TADWORTH	7		
13KINGSWOOD	8		
13CHIPSTEAD	9		
13WOODMANSTERNE	10		
13SMITHAM	11		
13REEDHAM.	12		
13PURLEY	13		
13PURLEY OAKS	14		
13SOUTH CROYDON	15		
13EAST CROYDON	16		
13WARNHAM	17		
13OCKLEY & CAPEL	18		
13HOLNWOOD	19		
13DORKING	20		
13BOXHILL & WESTHUMBLE	21		
13BOOKHAM	22		
13LEATHERHEAD	23		
13ASHTAD	24		
13EPSOM	25		
13WELL EAST	26		
13CHEAM	27		
13EPSOM DOWNS	28		
13EANSTEAD	29		
13BELMONT	30		
13WEST SUTTON	31		
13SUTTON COMMON	32		
13ST. HELIER	33		
13MORDEN SOUTH	34		
13SOUTH MERTON	35		
13WIMBLEDON CHASE	36		
13SUTTON	37		
13CARSHALTON	38		
13HACKBRIDGE	39		
13WADDON MARSH	40		
13BEDDINGTON LANE	41		
13MITCHAM	42		
13MORDEN ROAD	43		
13MERTON PARK	44		
13MITCHAM JUNCTION	45		
13CARSHALTON BEECHES	46		
13WALLINGTON	47		
13WADDON	48		
13WEST CROYDON	49		
13SELHURST	50		
13THORNTON HEATH	51		
		13NORBURY	52
		13STREATHAM COMMON	53
		13BIPKBECK	54
		13CRYSTAL PALACE	55
		13GIPSY HILL	56
		13WEST NORWOOD	57
		13STREATHAM HILL	58
		13BALHAM	59
		13WANDSWORTH COMMON	60
		13NORWOOD JUNCTION	61
		13ANERLEY	62
		13PENGE WEST	63
		13SYDENHAM	64
		13FOREST HILL	65
		13HONOR OAK PARK	66
		13BROCKLEY	67
		13NEW CROSS GATE	68
		13HAYDONS ROAD	69
		13TOOTING	70
		13STREATHAM	71
		13TULSE HILL	72
		13NORTH DULWICH	73
		13EAST DULWICH	74
		13SOUTH BERMONDSEY	75
		13QUEENS ROAD PECKHAM	76
		13PECKHAM RYE	77
		13DENMARK HILL	78
		13EAST BRIXTON	79
		13CLAPHAM	80
		13WANDSWORTH ROAD	81
		13BATTERSEA PARK	82

BR Formats - "A" Files - SSS FED.

SOUTHERN REGION CENTRAL DIVISION.

NDEST (CSEST) cols 68-69 Normalised Destinations.

1. Victoria (Ctl.)
2. Clapham Junction
3. Waterloo

4. London Bridge
5. Cannon Street
6. Charing Cross
7. New Cross Gate
8. East Croydon

BR FORMATS-"A"FILES-SSS FED

EFD -EFFECTIVE DESTINATION- SOUTH EAST
COLS 24-25

13VICTORIA (SE)	01		
13CHARING CROSS	02		
13WATERLOO (SE)	03		
13CANNON ST	04		
13LONDON BRIDGE (SE)	05		
13ELEPHANT & CASTLE	06		
13BLACKFRIARS	07		
13HOLBORN VIADUCT	08		
13VAUXHALL	09		
13EAST CROYDON	10		
13DEPTFORD	11		
13NEW CROSS	12		
13LEWISHAM	13		
13BLACKHEATH	14		
13WOOLWICH ARSENAL	15		
13ERITH	16		
13SIDCUP	17		
13DARTFORD	18		
13GHAVESEND	19		
13STROOD	20		
13CATFORD BRIDGE	21		
13ELMERS END	22		
13BROMLEY NORTH	23		
13ORPINGTON	24		
13SEVENOAKS	25		
13BRIXTON	26		
13HERNE HILL	27		
13WEST DULWICH	28		
13BECKENHAM JUNCTION	29		
13CATFORD	30		
13BECKENHAM HILL	31		
13BROMLEY SOUTH	32		
13BICKLEY	33		
13ST MARY CRAY	34		
13SWANLEY	35		
13MAIDSTONE EAST	36		
13MAIDSTONE WEST	37		
13CHATHAM	38		
13GILLINGHAM (KENT)	39		
13SITTINGBOURNE	40		
13SHEERNESS ON SEA	41		
13FAVERSHAM	42		
13WHITSTABLE	43		
13HERNE BAY	44		
13MARGATE	45		
13RAMSGATE	46		
13CANTERBURY WEST	47		
13CANTERBURY EAST	48		
13TONBRIDGE	49		
13TUNBRIDGE WELLS CNTL	50		
13HASTINGS	51		
		13ASHFORD (KENT)	52
		13FOLKSTONE WEST	53
		13FOLKSTONE CENTRAL	54
		13DOVER PRIORY	55
		13SANDWICH	56
		13OTHER SR CH LON	57
		13OTHER SR SE	58
		13OTHER SR	59
		13OTHER	60

SOUTH EAST.

EBC cols 60 - 61 Short List Destination

1. Victoria(S.E.)
2. CharingCross
3. Waterloo(S.E.)
4. Cannon Street
5. London Bridge (S.E)
6. Elephant & Castle
7. Blackfriars
8. Holborn Viaduct
9. East Croydon
10. New Cross
11. Lewisham
12. Woolwich Arsenal
13. Dartford
14. Orpington
15. Sevenoaks
16. Beckenham Junction
17. Bromly South
18. St. Mary Cray
19. Maidstone East
21. Maidstone West
22. Chatham
23. Canterbury West
24. Canterbury East
25. Tonbridge
26. Tunbridge Wells Central
27. Ashford (Kent)
28. Folkestone Central
29. Other.

BR Formats - "A" Files - SSS FED

SOUTH WEST MAIN.

EFD. cols 24-25 Selected Destinations.

- | | |
|---------------------------|---|
| 1. Waterloo (S.W.) | 38. Eastleigh |
| 2. London Bridge (S E) | 39. Southampton |
| 3. Victoria (C) | 40. Romsey |
| 4. Vauxhall | 41. Brockenhurst |
| 5. Charing Cross | 42. Lymington Town |
| 6. Holborn Viaduct | 43. Lymington Pier |
| 7. Blackfriars | 44. Christchurch |
| 8. Elephant & Castle | 45. Bournemouth |
| 9. Kensington (Olympia) | 46. Poole |
| 10. East Croydon | 47. Wareham |
| 11. West Croydon | 48. Wool |
| 12. Clapham Junction | 49. Dorchester South |
| 13. Wimbledon | 50. Weymouth |
| 14. Chessington South | 51. Putney |
| 15. New Maldon | 52. Richmond |
| 16. Kingston | 53. Twickenham |
| 17. Surbiton | 54. Feltham |
| 18. Walton - on - Thames | 55. Staines |
| 19. Weybridge | 56. Bracknell |
| 20. Woking | 57. Reading |
| 21. Guildford | 58. Other S.R. changing at Central London |
| 22. Camberley | - Termini |
| 23. Aldershot | 59. Other S.R. (South Western Division) |
| 24. Aldershot | 60. Other. |
| 25. Haslemere | |
| 26. Petersfield | |
| 27. Havant | |
| 28. Fratton | |
| 29. Portsmouth & Southsea | |
| 30. Portsmouth Harbour | |
| 31. Cosham | |
| 32. Fareham | |
| 33. Farnborough | |
| 34. Basingstoke | |
| 35. Andover | |
| 36. Salisbury | |
| 37. Winchester | |
| 38. - | |

BR Formats - "A" Files - SSS FED.

SOUTH WEST MAIN,

EBC cols 60-61 Short List Destinations.

-
1. Waterloo (S.W.)
 2. London Bridge (S.E.)
 3. Victoria (C)
 4. Vauxhall
 5. Charing Cross
 6. Holborn Viaduct
 7. Blackfriars
 8. Elephant & Castle
 9. Kensington (Olympia)
 10. East Croydon
 11. West Croydon
 12. Clapham Junction
 13. Wimbledon
 14. Kingston
 15. Surbiton
 16. Weybridge
 17. Woking
 18. Guildford
 19. Farnham
 20. Havant
 21. Fratton
 22. Portsmouth & Southsea
 23. Portsmouth Harbour
 24. Fareham
 25. Basingstoke
 26. Salisbury
 27. Winchester
 28. Eastleigh
 29. Southampton
 30. Bournemouth
 31. Poole
 32. Weymouth.
 33. Putney
 34. Richmond
 35. Staines
 36. Reading
 37. Other.

444.
BR Formats - "A" Files - SSS FED

SOUTH WEST MAIN.

NDEST. cols 68-69 Normalised Destinations.

1. Waterloo
2. London Bridge
3. Victoria
4. Vauxhall (Direct)
5. Charing Cross
6. Holborn Viaduct
7. Blackfriars
8. Elephant & Castle
9. Vauxhall (via Waterloo)
10. East Croydon
11. Kensington (Olympia)
12. Clapham Junction.

SOUTH WEST MAIN.

INT. cols 26-27 Selected Interchanges

0. No Change (Null Reply)
1. Waterloo
2. Clapham Common
3. Wimbledon
4. Raynes Park
5. New Malden
6. Surbiton
7. Weybridge
8. Woking.
9. Guildford
10. Aldershot
11. Ash Vale
12. Havant
13. Fratton
14. Portsmouth & Southsea
15. Fareham
16. Brookwood
17. Basingstoke
18. Salisbury
19. Eastleigh
21. St. Denys
22. Southampton
23. Brockenhurst
24. Bournemouth
25. Other.

JR FORMATS-"A"FILES-SSS FED

NORIG - NORMALIZED ORIGIN- SOUTH WEST MAIN
COLS 66-67

13EWELL WEST	01	13FARNCOMBE	52
13STONELEIGH	02	13GUILDFORD	53
13WORCESTER PARK	03	13WORPLESDON	54
13MUTSPUR PARK	04	13LONDON RD-GUILDFORD	55
13RAYNES PARK	05	13CLANDON	56
13WIMBLEDON	06	13HORSLEY	57
13EARLSFIELD	07	13EFFINGHAM JUNCTION	58
13CLAPHAM JUNCTION	08	13COBHAM	59
13VAUXHALL	09	13OXSHOTT	60
13CHESSINGTON SOUTH	10	13CLAYGATE	61
13CHESSINGTON NORTH	11	13HINCHLEY WOOD	62
13TOLWORTH	12	13HAMPTON CT-THAMES D	63
13MALDEN MANOR	13	13BLERRYLANDS	64
13ALTON	14	13NEW MALDEN	65
13BENTLEY	15	13TEODDINGTON	66
13FARNHAM	16	13HAMPTON WICK	67
13ALDERSHOT	17	13KINGSTON	68
13ASH VALE	18	13NORBITON	69
13BROOKWOOD	19	13SHEPPERTON	70
13WOKING	20	13UPPER HALLIFORD	71
13WEST BYFLEET	21	13SUNBURY	72
13WEYBRIDGE	22	13HAMPTON	73
13WALTON-ON-THAMES	23	13FULWELL	74
13HERSHAM	24	13SALISBURY	75
13ESHER	25	13ANDOVER	76
13SURBITON	26	13WHITCHURCH NORTH	77
13BYFLEET & NEW HAW	27	13OVERTON	78
13SOUTHAMPTON	28	13WAREHAM	79
13ST. DENYS	29	13POOLE	80
13SWAYTHLING	30	13PARKSTONE-BRANKSOME	81
13EASTLEIGH	31	13BOURNEMOUTH	82
13SHAWFORD	32	13POKESDOWN-NEW MILTON	83
13WINCHESTER	33	13BROCKENHURST	84
13MICHELDEVER	34	13BEAULIEU-LYNDHURST	85
13BASINGSTOKE	35	13TOTTEN	86
13HOOK-WINGFIELD	36	13LYMINGTON	87
13FLEET	37	13RONSLEY	88
13FARNBOROUGH	38	13WOOLSTON	89
13PORTSMOUTH HARBOUR	39	13BURSLEDON	90
13PORTSMOUTH & SOUTHSEA	40	13FAREHAM-CUSHAM	91
13FRATTON	41	13BOTLEY	92
13BEDHAMPTON	42	13MORTIMER-BRAMLEY	93
13HAVANT	43	13FARNBOROUGH NORTH	94
13ROWLANDS CASTLE	44	13ASH-WANBOROUGH	95
13PETERSFIELD	45	13SHALFORD	96
13LISS	46	13CHILWORTH & ALBURY	97
13LIPHOOK	47	13GOSHALL & SHERE	98
13HASLEMERE	48	13WARBLINGTON	99
13WITLEY	49		
13MILFORD	50		
13GODALMING	51		

BR Formats - "A" Files - SSS FED

SOUTH WESTERN REGION. (WINDSOR)

EFD. cols 24-25 Selected Destinations

- | | | |
|-----|--------------------------|---|
| 1. | Waterloo(S.W.) | |
| 2. | London Bridge (S.E.) | |
| 3. | Victoria (Ct1.) | |
| 4. | Vauxhall | |
| 5. | Charing Cross | |
| 6. | Kensington (Olympia) | |
| 7. | East Croydon | |
| 8. | Clapham Junction | |
| 9. | Wimbledon | |
| 10. | New Malden | |
| 11. | Surbiton | 40. Other S.R. Changing at Central |
| 12. | Walton - on - Thames | London Termini. |
| 13. | Weybridge | 41. Other S.R. (South Western Division) |
| 14. | Woking | 42. Other S.R. |
| 15. | Basingstoke | 43 Other. |
| 16. | Guilford | |
| 17. | Aldershot | |
| 18. | North Camp | |
| 19. | Camberley | |
| 20. | Chertsey | |
| 21. | Kingston | |
| 22. | Putney | |
| 23. | Richmond | |
| 24. | Twickenham | |
| 25. | Feltham | |
| 26. | Ashford(Middx) | |
| 27. | Staines | |
| 28. | Egham | |
| 29. | Windsor & Eton Riverside | |
| 30. | Bracknell | |
| 31. | Wokingham | |
| 32. | Winnersh | |
| 33. | Reading General | |
| 34. | Kew Bridge | |
| 35. | Brentford | |
| 36. | Syon Lane | |
| 37. | Isleworth | |
| 38. | hounslow | |
| 39. | Chiswick | |

BR FORMATS-"A"FILES-SSS FED

EBC - SHORT LIST SELECTED DESTINATIONS - SOUTH WEST WINDSOR
COLS 60-61

13WATERLOO (SW)	01
13LONDON BRIDGE (SE)	02
13VICTORIA (C)	03
13VAUXHALL	04
13CHARING CROSS	05
13KENSINGTON (OLYMPIA)	06
13EAST CROYDON	07
13CLAPHAM JUNCTION	08
13WIMBLEDON	09
13WEYBRIDGE	10
13BASINGSTOKE	11
13GUILDFORD	12
13CAMBERLEY	13
13KINGSTON	14
13PUTNEY	15
13RICHMOND	16
13TWICKENHAM	17
13FELTHAM	18
13STAINES	19
13	20
13BRACKNELL	21
13BRENTFORD	22
13SYON LANE	23
13HOUNSLOW	24
13ALL OTHER	25

BR FORMATS-"A"FILES-SSS FED

NORIG - NORMALIZED ORIGIN- SOUTH WEST WINDSOR
COLS 66-67

13EARLEY	1
13WINNERSH	2
13WOKINGHAM	3
13BRACKNELL	4
13ASCOT	5
13SUNNINGDALE	6
13LONGCROSS	7
13VIRGINIA WATER	8
13EGHAM	9
13BLACKWATER	10
13SANDHURST	11
13CROWTHORNE	12
13ADDLESTONE	13
13CHERTSEY	14
13WINDSOR AND ETON	15
13DATCHET	16
13SUNNYMEADS	17
13WRAYSBURY	18
13FRIMLEY	19
13CAMBERLEY	20
13BAGSHOT	21
13STAINES	22
13ASHFORD (MIDOX)	23
13FELTHAM	24
13WHITTON	25
13TWICKENHAM	26
13ST. MARGARETS	27
13RICHMOND	28
13STRAWBERRY HILL	29
13HOUNSLOW	30
13ISLEWORTH	31
13SYON LANE	32
13BENTFORD	33
13KEW BRIDGE	34
13CHISWICK	35
13BARNES BRIDGE	36
13NORTH SHEEN	37
13MORTLAKE	38
13BARNES	39
13PUTNEY	40
13WANDSWORTH TOWN	41
13QUEENS ROAD BATTER	42
13WATERLOO(WINDSOR)	43

BR Formats - "A" Files - SSS FED.
SOUTH WESTERN REGION. (WINDSOR)

INT. Cols 60-61 Short List Destinations

1. Waterloo
2. Clapham Junction
3. Weybridge
4. Barnes
5. Richmond
6. Twickenham
7. Whitton
8. Staines
9. Virginia Water
10. Ascot
11. Wokingham
12. Reading General
13. No Change (Null reply)

NDEST. cols 68-69 Normalised Destinations

1. Waterloo
2. Victoria
3. Charing Cross
4. London Bridge
5. Vauxhall (Direct)
6. Vauxhall (via Waterloo)
7. Clapham Junction
8. Kensington (Olympia)
9. East Croydon

BR FORMATS-"A"FILES-SSS FED.

EFD -EFFECTIVE DESTINATION- EASTERN REGION KINGS CROSS DIV
COLS 24-25

RDS -RETURN DEPARTURE STATION

COLS 34-35

13KINGS CROSS	01
13FARRINGTON	02
13BARBICAN	03
13MOORGATE	04
13FINSBURY PARK	05
13HARRINGAY WEST	06
13HORNSEY	07
13WOOD GREEN	08
13NEW SOUTHGATE	09
13OAKLEIGH PARK	10
13NEW BARNET	11
13HADLEY WOOD	12
13POTTERS' BAR	13
13BROOKMANS PARK	14
13HATFIELD	15
13WELWYN GDN CITY	16
13WELWYN NORTH	17
13KNEBWORTH	18
13BOWES PARK	19
13PALMERS GREEN	20
13WIMCHMORE HILL	21
13GRANGE PARK	22
13ENFIELD CHASE	23
13GORDON HILL	24
13CREWS HILL	25
13CUFFLEY	26
13BAYFORD	27
13HERTFORD NORTH	28
13STEVENAGE	29
13HITCHIN	30
13BIGGLESWADE	31
13SANDY	32
13ST. NEOTS	33
13HUNTINGDON	34
13PETERBOROUGH	35
13LETCHEWORTH	36
13BALDOCK	37
13ASHWELL & MORDEN	38
13ROYSTON	39
13MELBURETH & MELBOURN	40
13SHEPRETH	41
13FOXTON	42
13CAMBRIDGE	43
13STAMFORD	44
13WHITTLESEA	45
13NORWICH DIV REM	46
13DUNCASTER DIV REM	47
13SHEFFIELD DIV	48
13LEEDS DIV	49
13NEWCASTLE DIV	50
13SOUTHERN REGION	51
13WESTERN REGION	52
13MIDLAND REGION	53
13SCOTTISH REGION	54
13OTHER	55

BR FORMATS-"A"FILES-SSS FED

DGR - SHORT ORIGINS EASTERN REGION KINGS CROSS DIVISION

COLS 28-29

13KINGS CROSS	01
13FINSBURY PARK	02
13HARRINGAY WEST	03
13HORNSEY	04
13WOOD GREEN	05
13NEW SOUTHGATE	06
13OAKLEIGH PARK	07
13N& 6 H1R553	08
13HADLEY WOOD	09
13POTTERS BAR	10
13BROOKMANS PARK	11
13HATFIELD	12
13WELWYN GDN CITY	13
13WELWYN NORTH	14
13KNEBWORTH	15
13BOWES PARK	16
13PALMERS GREEN	17
13WINCHMORE HILL	18
13GRANGE PARK	19
13ENFIELD CHASE	20
13GORDON HILL	21
13CREWS HILL	22
13CUFFLEY	23
13BAYFORD	24
13HERTFORD NORTH	25
13STEVENAGE	26
13HITCHIN	27
13BIGGLESWADE	28
13SANDY	29

13ST. NEOTS	30
13HUNTINGDON	31
13PETERBOROUGH	32
13LETCHEWORTH	33
13BALDOCK	34
13ASHWELL & MORDEN	35
13ROYSTON	36
13HELDRETH & MELBOURN	37
13SHEPRETH	38
13FOXTON	39
13CAMBRIDGE	40

HDS - RETURN DESTINATIONS

COLS 36-37

BR Formats - "A" Files - SSS FED
EASTERN REGION

Kings Cross Division.

INT cols 26-27 Selected Interchanges.

1. Kings Cross
 2. Wood Green
 3. Welwyn Garden City
 4. Hertford North
 5. Stevenage
 6. Hitchin
 7. Huntingdon
 8. Peterborough
 9. Letchworth
 10. Royston
 11. Cambridge
 12. Other.
-

LTF. LTB. Origin Station cols 43-44

1. Kings Cross
 2. Finsbury Park
 3. Faringdon Street
 4. Barbican
 5. Moorgate
 6. Other.
-

BR Formats - "A" Files - SSS FED.

EASTERN REGION

LTF - LTB - Origin Station - cols 43-44.

1. Liverpool Street
2. Tower Hill
3. Stratford
4. Finsbury Park
5. Seven Sisters
6. Tottenham Hale
7. Blackhorse Road
8. Walthamstow Cent.
9. Barking
10. Upminster
11. Other

BR Formats - "A" Files - SSS FED.

EASTERN REGION

INT. - cols 26-27 Selected Interchanges.

Liverpool St - Ipswich Interchanges.

1. Stratford
2. Shenfield
3. Wickford
4. Witham
5. Colchester
6. Manningtree
7. Ipswich
8. Norwich
9. Romford
10. Marks Tey
11. Thorpe - Le - Soken
12. Other.

Liverpool St. - Cambridge Interchanges.

1. Broxbourne
2. Harlow Town
3. Bishops Stortford
4. Cambridge
5. Seven Sisters
6. Lower Edmonton
7. Cheshunt
8. Hackney Downs
9. Clapton
10. Tottenham Hale
11. Other.

Fenchurch St. Interchanges.

1. Barking
2. Upminster
3. Pitsea
4. Grays
5. Other.

BR FORMATS-"A"FILES-SSS FED

EFD -EFFECTIVE DESTINATION- EASTERN REGION LIVERPOOL STREET-CAMBRIDGE
 COLS 24-25

13LIVERPOOL STREET	1		
13BETHNAL GREEN	2	13ELY	52
13CAMBRIDGE HEATH	3	13LITTLEPORT	53
13LONDON FIELDS	4	13DOWNHAM	54
13HACKNEY DOWNS	5	13KING'S LYNN	55
13RECTORY ROAD	6	13DULLINGHAM & NEWMRKT	56
13STOKE NEWINGTON	7	13KENNET	57
13STAMFORD HILL	8	13BURY ST ED - ELMSWLL	58
13SEVEN SISTERS	9	13DISS	59
13BRUCE GROVE	10	13STONMARKET & IPSWICH	60
13WHITE HART LANE	11	13LEA BRIDGE	61
13SILVER STREET	12	13STRATFORD	62
13LOWER EDMONTON	13	13CANNING TN - N. WOOL	63
13BUSH HILL PARK	14	13MARYLAND - ILFORD	64
13ENFIELD TOWN	15	137 KINGS - ROMFORD	65
13SOUTHBURY	16	13COLCHESTER	66
13TURKEY STREET	17	13GIDEA PK - SHENFIELD	67
13THEOHALDS GROVE	18	13BILLERCY-STHEM VIC	68
13CLAPTON	19	13BATHGE - STHMSTR	69
13TOTTENHAM HALE	20	13BRAINTREE-WH NOTLEY	70
13NORTHUMBERLAND PARK	21	13MARKS TEY - SUDBURY	71
13ANGEL ROAD	22	13REST 7 MARCH SURVEY	72
13PONDERS END	23	13MERSON PARK	73
13BRIHSDOWN	24	13UPHINSTER	74
13ENFIELD LOCK	25	13OCKENDEN & GRAYS	75
13WALTHAM CROSS	26	13TILERY-STAM. LE HOPE	76
13ST. JAMES ST. WALTH	27	13BARKING	77
13WALTHAMSTOW CENTRAL	28	13STEPNEY EAST	78
13WOOD STREET WALTSTW	29	13FENCHURCH STREET	79
13HIGHAMS PARK	30	13W. HORNDOON & LAINDON	80
13CHINGFORD	31	13PITSEA - CHALKWELL	81
13CHESHUNT	32	13WESTCLIFF-SHOE'NESS	82
13BROXBORNE	33	13REST 9 MARCH SURVEY	83
13ROYDON	34	13KINGS CROSS DIVISION	84
13HARLOW TOWN	35	13DUNCASTER DIVISION	85
13HARLOW MILL	36	13LEEDS DIVISION	86
13SAWBRIDGEMORTH	37	13SHEFFIELD DIVISION	87
13BISHOPS STORTFORD	38	13NEWCASTLE DIVISION	88
13STANSTED	39	13SOUTHERN REGION	89
13ELSENHAM	40	13LONDON MIDLAND REG.	90
13NEWPORT (ESSEX)	41	13WESTERN REGION	91
13GT. CHESTERFORD	42	13SCOTTISH REGION	92
13AUDLEY END	43	13SALHOUSE-SHERINGHAM	93
13WHITTLESFORD	44	13BRUND GUNS-OUTL BR N	94
13SHELFORD	45	13LOWESTOFT-WOODBRIDGE	95
13RYE HOUSE	46	13WESTERFIELD-FELIXSTW	96
13ST. MARGARETS	47	13SHIPPEA HL-WYMONDHAM	97
13WARE	48	13NORWICH	98
13HERTFORD EAST	49	13MANEA - WHITTLESEA	99
13CAMBRIDGE	50		
13WATERBEACH	51		

BR FORMATS-"A"FILES-SSS FED

DGR- SHORT ORIGINS EASTERN REGION LIVERPOOL ST.- CAMBRIDGE
 COLS 28-29

13LIVERPOOL STREET	1
13BETHNAL GREEN	2
13CAMBRIDGE HEATH	3
13LONDON FIELDS	4
13HACKNEY DOWNS	5
13RECTORY ROAD	6
13STOKE NEWINGTON	7
13STAMFORD HILL	8
13SEVEN SISTERS	9
13BRUCE GROVE	10
13WHITE HART LANE	11
13SILVER STREET	12
13LOWER EDMONTON	13
13BUSH HILL PARK	14
13ENFIELD TOWN	15
13SOUTHBURY	16
13TURKEY STREET	17
13THEOBALDS GROVE	18
13CLAPTON	19
13TOTTENHAM HALE	20
13NORTHUMBERLAND PARK	21
13ANGEL ROAD	22
13PONDERS END	23
13BRIMS DOWN	24
13ENFIELD LOCK	25
13WALTHAM CROSS	26
13ST. JAMES ST. WALTH	27
13WALTHAMSTOW CENTRAL	28
13WOOD STREET WALTSTW	29
13HIGHAMS PARK	30
13CHINGFORD	31
13CHESHUNT	32
13CHESHUNT	32
13ROYDON	34
13HARLOW TOWN	35
13HARLOW MILL	36
13SAWBRIDGEWORTH	37
13BISHOPS STORTFORD	38
13STANSTED	39
13ELSENHAM	40
13NEWPORT (ESSEX)	41
13GT. CHESTERFORD	42
13AUDLEY END	43
13WHITTLESFORD	44
13SHELFORD	45
13RYE HOUSE	46
13ST. MARGARETS	47
13WARE	48
13HERTFORD EAST	49
13CAMBRIDGE	50

EFD -EFFECTIVE DESTINATION- EASTERN REGION LIVERPOOL STREET-IPSWICH
COLS 24-25

13LIVERPOOL ST.	1	13BURNHAM ON CROUCH	52
13STRATFORD	2	13SOUTHMINSTER	53
13MARYLAND	3	13LEA BRIDGE	54
13FOREST GATE	4	13CANING TOWN	55
13HANOR PARK	5	13CUSTOM HOUSE	56
13ILFORD	6	13SILVERTOWN	57
13SEVEN KINGS	7	13NORTH WOOLWICH	58
13GOODMAYES	8	13MISTLEY	59
13CHADWELL HEATH	9	13WRABNESS	60
13RONFURD	10	13PARKSTONE QUAY	61
13GIDEA PARK	11	13DOVERCOURT BAY	62
13HAROLD WOOD	12	13HARWICH TOWN	63
13BRENTWOOD	13	13CLAPTON-BETHNAL GRN	64
13SHENFIELD	14	13TOTT HALE-WALTHAM X	65
13INGATESTON	15	13CHESHUNT & BROXBOND	66
13CHELMSFORD	16	13RYEHSE - HERTFORD E	67
13HATFIELD PEVEREL	17	13BOYDON - SAWBODGETH	68
13WITHAM	18	13BISHOPS STORTFORD	69
13WHITE NOTLEY	19	13STANSTED-SHELDFORD	70
13CHRESSING	20	13CAMBRIDGE	71
13BRAINTREE	21	13ALST & MARCH SURVEY	72
13KELVEDON	22	13STOWMARKET-DISS	73
13MARKS TEY	23	13ELMSWELL-JURY ST E.	74
13COLCHESTER	24	13KENNET-DULLINGHAM	75
13MANNINGTREE	25	13PENNINGER NORWICH	76
13IPSWICH	26	13EMERSON PK & UPMSTR	77
13CHAPEL & WAKES COLNE	27	13WOODGIRGE PK-KENT TWN	78
13BURES	28	13OCKENDON-STANFRD HPE	79
13SUDBURY	29	13STEPNEY E & FENCH ST	80
13ST. BOTOLPHS	30	13HORNODON & LAINDON	81
13HYTHE	31	13PITSCA-CHALKWELL	82
13WIVENHOE	32	13ALSTCLIFF-SHOE'NESS	83
13ALRESFORD	33	13KINGS CROSS DIVISION	84
13GT. BENTLEY	34	13DUNCASTER DIVISION	85
13WEELEY	35	13LEEDS DIVISION	86
13THORPE LE SOKEN	36	13SHEFFIELD DIVISION	87
13KIRBY CROSS	37	13NEWCASTLE DIVISION	88
13FRINTON	38	13SOUTHERN REGION	89
13WALTON ON NAZE	39	13LONDON MIDLAND REG.	90
13CLACTON	40	13WESTERN REGION	91
13BILLERICAY	41	13SCOTTISH REGION	92
13WICKFORD	42	13SALHOUSE-SHERINGHAM	93
13RAYLEIGH	43	13BRUND GONS-OLVT BR N	94
13HOCKLEY	44	13LOWESTOFT-WOODBRIDGE	95
13HOCHFORD	45	13WESTERFIELD-FELIXSTW	96
13PRITTLEWELL	46	13SHIPPEA HL-HYMONDHAM	97
13SOUTHEND VICTORIA	47	13NORWICH	98
13BATTLESBIDGE	48	13HANEA-WHITTLESEA	99
13WOODHAM FERRERS	49		
13FAMBRIDGE	50		
13ALTHORNE	51		

BR FORMATS-"A"FILES-SSS FED

DGR- SHORT ORIGINS EASTERN REGION LIVERPOOL ST.- IPSWICH
 COLS 28-29

13LIVERPOOL ST.	1		
13STRATFORD	2		
13MARYLAND	3		
13FOREST GATE	4		
13MAJOR PARK	5		
13ILFORD	6		
13SEVEN KINGS	7		
13GOODMAYES	8		
13CHADWELL HEATH	9		
13ROMFORD	10		
13GIDEA PARK	11		
13HAROLD WOOD	12		
13BARENTWOOD	13		
13SHENFIELD	14		
13INGATESTON	15		
13CHELMSFORD	16		
13HATFIELD PEVEREL	17		
13WITHAM	18		
13WHITE NOTLEY	19		
13CRESSING	20		
13BRAINTREE	21		
13KELVEDON	22		
13MARKS TEY	23		
13COLCHESTER	24		
13MANNINGTREE	25		
13IPSWICH	26		
13CHAPEL & WAKES COLNE	27		
13BURES	28		
13SUDBURY	29		
13ST. BOTOLPHS	30		
13HYTHE	31		
13WIVENHOE	32		
13ALRESFORD	33		
13GT. BENTLEY	34		
13WEELEY	35		
13THORPE LE SOKEN	36		
13KIRBY CROSS	37		
13FRINTON	38		
13WALTON ON NAZE	39		
13CLACTON	40		
13BILLERICAY	41		
13WICKFORD	42		
13RAYLEIGH	43		
13HOCKLEY	44		
13ROCHFORD	45		
13PRITTLEWELL	46		
13SOUTHEND VICTORIA	47		
13BATTLESBRIDGE	48		
13WOODHAM FERRERS	49		
13FAMBRIDGE	50		
13ALTHORNE	51		
		13BURNHAM ON CROUCH	52
		13SOUTHMINSTER	53
		13LEA BRIDGE	54
		13CANNING TOWN	55
		13CUSTOM HOUSE	56
		13SILVERTOWN	57
		13NORTH WOOLWICH	58
		13MISTLEY	59
		13WRABNESS	60
		13PARKSTONE QUAY	61
		13DOVERCOURT BAY	62
		13HARWICH TOWN	63

EFD -EFFECTIVE DESTINATION- EASTERN REGION FENCHURCH STREET DIV
COLS 24-25

13FENCHURCH STREET	1		
13STEPNEY EAST	2	13BATTLESDGE-STHMNSTR	52
13WEST HORNDON	3	13INGATESTONE	53
13LAINDON	4	13CHELMSFORD	54
13PITSEA	5	13MATFIELD PEV & WITHM	55
13BENFLEET	6	13H. NOTLEY-BRAINTREE	56
13LEIGH-ON-SEA	7	13KELVEDON & MARKS TAY	57
13CHALKWELL	8	13CHAPEL-SUDBURY	58
13WESTCLIFF-ON-SEA	9	13COLCHESTER	59
13SOUTHEND CENTRAL	10	13HARWICH	60
13SOUTHEND EAST	11	13IPSWICH	61
13THORPE BAY	12	13PEST 7 MARCH SURVEY	62
13SHOEBURYNESS	13	13KENTISH TOWN	63
13EMERSON PARK	14	13ETHUAL GN-HACKNEY	64
13OCKENDON	15	13CLAPTON-CHINGFORD	65
13GRAYS	16	13RECTORY RD-7 SISTERS	66
13TILBURY TOWN	17	13BRUCE GR-LWR EDMONTN	67
13TILBURY RIVERSIDE	18	13BUSH H PK & ENFLD TN	68
13EAST TILBURY	19	13SOUTHG'Y-THEO' GROVE	69
13STANFORD-LE-HOPE	20	13TUTT. HALE-ANGEL RD.	70
13DAGENHAM DOCK	21	13PONDERS END-WALTHM X	71
13RAINHAM	22	13CHESHUNT & BROXBORNE	72
13PURFLEET	23	13KYE HOUSE-HERTFORD E	73
13UPPER HOLLOWAY	24	13ROYDON-SAWBRIDGEWTH	74
13CROUCH HILL	25	13BISHOPS STORTFORD	75
13HARRINGAY STADIUM	26	13STANSTED-SHELFORD	76
13SOUTH TOTTENHAM	27	13REMAINDER NORWICH	77
13BLACK HORSE ROAD	28	13	78
13WALTHAMSTOW QUEEN RD	29	13	79
13LEYTON MIDLAND ROAD	30	13	80
13LEYTONSTONE HIGH RD	31	13	81
13WANSTEAD PARK	32	13	82
13WOODGRANGE PARK	33	13	83
13BARKING	34	13KINGS CROSS DIVISION	84
13UPMINSTER	35	13DONCASTER DIVISION	85
13ROMFORD	36	13LEEDS DIVISION	86
13CHADWELL HEATH	37	13SHEFFIELD DIVISION	87
13GOODMAYES	38	13NEWCASTLE DIVISION	88
13SEVEN KINGS	39	13SOUTHERN REGION	89
13ILFORD	40	13LONDON MIDLAND REG.	90
13MANOR PARK	41	13WESTERN REGION	91
13FOREST GATE	42	13SCOTTISH REGIO N	92
13MARYLAND	43	ALHOUSE-SHERINGHAM	93
13STRATFORD	44	13BRIDL GONS-OULT RD N	94
13LIVERPOOL STREET	45	13LOWESTOFT-WOODBRIDGE	95
13GIDEA PARK	46	13WESTERFLD-FELIXSTONE	96
13HAROLD WOOD	47	13SHIPPEA HL-WYMONDHAM	97
13BRENTWOOD	48	13NORWICH	98
13SHENFIELD	49	13AREA-WHITTLESEA	99
13BILLERICAY & WICKFRD	50		
13RAYLEIGH-SOUTHND VIC	51		

BR FORMATS-"A"FILES-SSS FED

DGR- SHORT ORIGINS EASTERN REGION FENCHURCH ST.DIV
 COLS 28-29

13FENCHURCH STREET	1
13STEPNEY EAST	2
13WEST HORNDON	3
13LAINDON	4
13PITSEA	5
13BENFLEET	6
13LEIGH-ON-SEA	7
13CHALKWELL	8
13WESTCLIFF-ON-SEA	9
13SOUTHEND CENTRAL	10
13SOUTHEND EAST	11
13HORPE BAY	12
13SHOEBURYNESS	13
13EMERSON PARK	14
13OCKENDON	15
13GRAYS	16
13TILBURY TOWN	17
13TILBURY RIVERSIDE	18
13EAST TILBURY	19
13STANFORD-LE-HOPE	20
13DAGENHAM DOCK	21
13RAINHAM	22
13PURFLEET	23
13UPPER HOLLOWAY	24
13CROUCH HILL	25
13HARRINGAY STADIUM	26
13SOUTH TOTTENHAM	27
13BLACK HORSE ROAD	28
13WALTHAMSTOW QUEEN RD	29
13LEYTON MIDLAND ROAD	30
13LEYTONSTONE HIGH RD	31
13WANSTEAD PARK	32
13WOODGRANGE PARK	33

BR.Formats - AFiles SSS FED.

EFD - Effective Destination - London Midland St. Pancras

Cols 24-25

Name

1. St.Pancras
2. Kings Cross
3. Farringdon St.
4. Barbican
5. Moorgate
6. Kent W.Ham Cric Hen
7. Mill Hill Els Rad
8. St. Albans
9. Harpenden
10. Luton
11. Leagr v Harltn Flitwk
12. Bedford
13. Welboro Ketr g M.Harb
14. Leicester
15. Change Leic/Derby
16. Eastern Regn Direct
17. Nottinghamm Div Direct
18. Preston Div Direct
19. Manchester Div Direct
20. Scottish Reg Direct
21. Holloway To Barking

BR FORMATS-"A"FILES-SSS FLD

COLS 28-29

DGR - SHORT ORIGINS MIDLANDS ST. PANCRAS

HDS - HOME DESTINATION Stations Cols 36-37

13ST PANCRAS	01
13KENTISH TOWN	02
13WEST HAMPSTEAD	03
13CRICKLEWOOD	04
13HENDON	05
13MILL HILL	06
13ELSTREE	07
13RADLETT	08
13ST ALBANS	09
13HARPENDEN	10
13LUTON	11
13LEAGRAVE	12
13HARLINGTON	13
13FLITWICK	14
13BEDFORD	15
13WELLINGBOROUGH	16
13KETTERING	17
13ALL OTHERS	18

BR Formats - A Files SSS FED.

INT Selected Interchanges London Midland St. Pancras.

Cols 26-27

Name

1. St. Pancras
2. Kentish Town
3. St. Albans
4. Luton
5. Bedford
6. Leicester
7. Derby
8. Nottingham
9. Others

LTF -LTB Origins - London Midland St. Pancras.

Cols 42,43,44.

Name

1. St.Pancras
2. Kentish Town
3. West Hampstead
4. Moorgate
5. Barbican
6. Farringdon St.
7. Euston
8. Others.

EBC - Selected Destinations Analysis B&c COLS 59-60

RBC - Selected Return Origins Analysis B&C Cols 65-66

Name

1. St.Pancras
2. St. Albans
3. Luton
4. Bedford
5. Other

Euston - Watford DC Local

Name

1. Euston
2. { South Hampstead
Kilburn High Road
3. Queens Park (J)
4. Kensal Green (J)
5. Willesden (J)
6. { Harlesden (J)
Stonebridge Park (J)
7. Wembley Central (J)
8. { North Wembley (J)
South Kenton (J)
Kenton (J)
9. Harrow & W (J)
10. { Headstone Lane (J)
Hatch End (J)
Carpenders Park (J)
Bushey & Oxhey (J)
11. Watford High St. (J)
12. Watford Junction (J)

13. { Croxley Green
Watford West
Watford North
14. { Garston
Bricket Wood
Park St. & Frogmore
St. Albans Abbey

BR. Formats A Files SSS FED

London Midland Region Euston - Watford DC
LTF Cols 43-44 LTB Origin

- Name
1. Euston
 2. Queens Park (J)
 - Kensal Green (J)
 - Willesden (J)
 - Harlesden (J)
 - Stonebridge Park (J)
 - Wembly Central (J)
 - North Wembly (J)
 3. South Kenton (J)
 - Kenton (J)
 - Harrow & West (J)
 - Headstone Lane (J)
 - Hatch End (J)
 - Carpenders Park (J)
 - Bushey & Oxhey (J)
 4. Watford High St, (J)
 5. Watford Junction (J)
 6. Broad Street
 7. Highbury & Islington
 8. Gunnersbury
 9. Other

BR. Formats A Files BSS FLD.

Midland Region Euston - Watford DC

DGR Cols 28-29 Short Origin Stations

HDS Cols 36-37 Home Destinations Stations.

1. Euston
2. S.Hampstead
3. Kilburn High Road
4. Queens Park (JO)
5. Kensal Green (J)
6. Willesden (J)
7. Harlesden (J)
8. Stonebridge Park (J)
9. Wembly Central (J)

10. N.Wembly (J)
11. S. Kenton (J)
12. Kenton (J)
13. Harrow & W. (J)
14. Headstone Lane (J)
15. Hatch End (J)
16. Carpenders Park (J)
17. Bushey & Oxhey (J)
18. Watford High St (J)
19. Watford Junction (J)

20. Croxley Green
21. Watford West
22. Watford North
23. Garston
24. Bricket Wood
25. Park St. & Frogmore
26. St. Albans Abbey

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BR Formats A Files SSS FED

Midland Region Euston - Watford DC
INT Cols 26-27 Selected Interchanges

1. Euston
2. Willesden
3. Harrow & W (J)
4. Watford High St. (J)
5. Watford Junction (J)
6. Bletchley
7. Rugby
8. Richmond
9. Other

EBC - Selected Destinations Analysis B & C

Cols 59-60

RBC - Selected Return Origins Analysis B & C

Cols 65-66

1. Euston
2. Broad St.
3. Wembly Central
4. Watford Junction
5. Bletchley
6. Northampton
7. Rugby
8. Other

BR. Formats - A filesSSS FED.

EFD - Effective Destination - London Midland Marylebone - Aylesbury.

RDS - Return Departure station Cols 34-35.

1. Marylebone
2. Harrow-on-the-Hill

3. {
 - Wembly Hill
 - Sudbury
 - Sudbury Hill
 - Northolt Park

4. {
 - Great Missenden
 - Wendover
 - Stoke Mandeville

5. Aylesbury

6. {
 - Moor Park
 - Rickmansworth

7. {
 - Chorley Wood
 - Chalfont & Latimer
 - Amersham

8. {
 - South Ruislip
 - West Ruislip
 - Denham
 - Denham Golf Club
 - Gerrards Cross
 - Seer Green & Jordans
 - Beaconsfield
 - High Wycombe

9. Other Western (all other.)

BR Formats - A files SSS FED.

Midland Marylebone - Aylesbury.

LTF Cols 43-44 LTB origins.

Name

1. Marylebone
2. Harrow-on-the-Hill
3. Moor Park
4. Rickmansworth
5. Chorley Wood
6. Chalfont & Latimer
7. Amersham
8. Other.

EBC - Selected destinations Analysis B&C.
Cols 59-60

RBC - Selected Return Origins Analysis B&C
Cols 65-66

1. Marylebone
2. Aylesbury
3. Other.

BR. formats - A files. SSS FED.

Midland. Aylesbury - Marylebone.

Cols 36-37 HDS - Home Destination station.

Cols 28-29 DGR - Origin stations.

Name.

- 1. Marylebone
- 2. Harrow-on-the-Hill.

- 3. Wembly Hill
- 4. Sudbury
- 5. Sudbury Hill
- 6. Northolt Park

- 7. Great Missenden
- 8. Wendover
- 9. Stoke Mandeville
- 10. Aylesbury
- 11. Moor Park
- 12. Rickmansworth
- 13. Chorley Wood
- 14. Chalfont & Latimer
- 15. Amersham

Cols 26-27 INT -Selected interchange.

- 1. Marylebone
- 2. Aylesbury
- 3. Other

BR Formats - "A" Files - SSS FED.

WESTERN REGION.

EFD -Cols 24-25 Grouped Origin Station
RDS -Cols 34-35 HOME Destination Stations.

44. Bath
45. Taunton
46. Exeter
47. Newton Abbot
48. Plymouth
49. Penzances
50. All Other London DIV.
51. All Other Bristol DIV.
52. All Other Cardiff DIV.
53. LMR. (Except Birmingham)
54. SR.
55. ER.
56. ScR.

BR Formats - "A" - Files - SSS FED.

WESTLRN REGION.

EFD - Cols 24-25 Grouped origin station

RDS - Cols 34-35 HOME destination stations

1. Paddington	24. Furze Platt
2. Marylebone	24. Cookham
3. South Ruislip	Bourne End
4. West Ruislip	Marlow
5. Denham	25. Twyford
Denham Golf Club	Wargrave
Seer Green & Jordans	26. Shiplake
6. Gerrards Cross	Henley
7. Beaconsfield	27. Reading General
8. High Wycombe	Reading West
Saunderton	Theale
9. Monks Risborough	28. Aldermaston
Little Kimble	Midgham
10. Princes Risborough	Thatcham
11. Bicester	29. Newbury
12. Westbourne Park	Kintbury
Acton	Hungerford
13. Ealing Broadway	30. Bedwyn
Drayton Green	Pewsey
14. Castle Bar Park	31. Tilehurst
South Greenford	32. Pangbourne
15. Grenford	32. Goring & Streatly
16. West Ealing	Cholsey & Moulsoford.
Hanwell	33. Didcot
17. Southall	Appleford
18. Hayes & Harlington	34. Culham
19. West Drayton	Radley
Iver	35. Oxford
Langley	36. Swindon
20. Burnham	37. Gloucester
Taplow	Cheltenham
21. Slough	38. Worcester
22. Windsor	39. Birmingham
23. Maidenhead	40. Newport
	41. Cardiff
	42. Swansea
	43. Bristol

BR Formats - "A" Files - SSS FED.

WESTERN REGION

EBC - Cols 54-55 Selected Destinations Analysis B & C.

1. Paddington
2. Marylebone
3. South Ruislip
4. West Ruislip
5. Gerrards Cross
6. High Wycombe
7. Princes Ris borough
8. Bicester
9. Westbourne Park
10. Acton
11. Ealing Broadway
12. Greenford
13. Southall
14. Hayes & Harlington
15. West Drayton
16. Langley
17. Slough
18. Windsor
19. Maidenhead
20. Bourne End
21. Marlow
22. Twyford
23. Henley
24. Reading General
25. Newbury
26. Didcot
27. Oxford
28. Swindon
29. All Other.

BR Formats - "A" - Files - SSS fed

Western Region

DGR - cols. 28-29 Grouped Origin Station
HDS - cols. 36-37 Home Destination Stations

01	Paddington	28	Thatcham
02	{ Westbourne Park	29	Newbury
	{ Action Main Line	30	Kingbury
03	Ealing Broadway	31	Hungerford
04	{ West Ealing	32	Bedwyn
	{ Hanwell	33	Pewsey
05	Southall	34	Tilehurst
06	Hayes & Harlington	35	Pangbourne
07	West Drayton & Yiewsley	36	Goring & Streatley
	{ Drayton Green	37	Cholsey & Moulsoford
08	{ Castle Bar Park	38	Didcot
	{ South Greenford		{ Appleford
09	Greenford	39	{ Culham
10	Iver		{ Radley
11	Langley	40	Oxford
12	Slough	41	Swindon
13	Windsor & Eaton Central	42	South Ruislip
14	Burnham	43	West Ruislip
15	Taplow	44	{ Denham
16	Maidenhead		{ Denham Golf Club
17	{ Furze Platt	45	Gerrards Cross
	{ Cookham	46	Seer Green & Jordans
18	Bourne End	47	Beaconsfield
19	Marlow	48	High Wycombe
20	Twyford	49	Princes Risborough
21	{ Wargrave		{ Saunderton
	{ Shiplake	50	{ Monks Risborough
22	Henley-on-Thames		{ Little Kimble
23	Reading General	51	Bicester
24	Reading West	52	Other
25	Theale		
26	Aldermaston		
27	Midgham		

BR Formats - "A" Files -SSS FED

WESTERN.

DAR - cols 39-40 Destination Areas (See Maps)

1. Postal W2 GLTS C1
2. Postal SW1. GLTS C2
3. Postal W1. GLTS C3
4. Postal WC1. GLTS C4
5. Postal WC2 GLTS C5
6. Postal SE1 GLTS C6
7. Postal EC4 GLTS C7
8. Postal EC3 GLTS C8
9. Postal EC2 GLTS C9
10. Postal EC1 GLTS C10
11. GLTS OUTER AREA 1.
12. GLTS OUTER AREA 2.
13. GLTS OUTER AREA 3.
14. GLTS OUTER AREA 4.
15. GLTS OUTER AREA 5.
16. GLTS OUTER AREA 6
17. GLTS OUTER AREA 7
18. GLTS OUTER AREA 8.
19. GLTS OUTER AREA 9
20. GLTS OUTER AREA 10.
21. GLTS OUTER AREA 11.
22. GLTS OUTER AREA 12
23. GLTS OUTER AREA 13.
24. GLTS OUTER AREA 14
25. GLTS OUTER AREA 15.
26. GLTS OUTER AREA 16.
27. GLTS OUTER AREA 17.
28. GLTS OUTER AREA 18.
29. GLTS OUTER AREA 19.
30. GLTS OUTER AREA 20
31. GLTS OUTER AREA 21.
32. GLTS OUTER AREA 22.
33. GLTS OUTER AREA 23
34. GLTS OUTER AREA 24.
35. OUTSIDE GLTS AREA

BR Formats - "A" Files - SSS FED.

Western Region .

LTF - Cols 43-44 LTB origin stations.

BR/L T

1. Marylebone
2. South Ruislip
3. West Ruislip
4. Paddington
5. Westbourne Park
6. Ealing Broadway
7. Greenford
8. Baker Street
9. Other.

BR Formats - "A" Files - SSS FED.

WESTERN REGION.

INT - COLS 26 - 27 Selected Interchanges.

1. Paddington
2. Westbourne
3. Ealing Broadway
4. Slough
5. Maidenhead
6. Twyford
7. Reading General
8. Newbury
9. Didcot
11. Oxford
12. Swindon
13. Gloucester
14. Cardiff
15. Swansea
16. Bristol
17. Taunton
18. Exeter
19. Newton Abbot
21. Plymouth
22. Marylebone
23. Greenford
24. West Ruislip
25. High Wycombe
26. Princes Risborough
27. Other.

BR Formats - "A" Files - SSS

LTT - London Underground Destinations - All Regions
 Cols 45 - 47

001	Acton Town	046	Chiswick Park
002	Barbican	047	Chorley Wood & Chenies
003	Aldgate	048	Clapham Common
004	Aldgate East	049	Clapham North
005	Aldwych	050	Clapham South
006	Alperton	051	Cockfosters
007		052	Colindale
008	Angel	053	Collier's Wood
009	Archway	054	Covent Garden
010	Arnos Grove	055	Croxley
011	Arsenal	056	Dagenham East
012	Baker Street	057	Dagenham Heathway
013	Balham	058	Debden
014	Bank	059	Dollis Hill
015		060	Drayton Park
016	Barkingside	061	Ealing Broadway
017	Barons Court	062	Ealing Common
018	Bayswater	063	Earl's Court
019	Becontree	064	East Acton
020	Belsize Park	065	Eastcote
021	Bethnal Green	066	East Finchley
022	Blackfriars	067	East Ham
023	Blackhorse Road	068	
024	Blake Hall	069	Edgware
025	Bond Street	070	Edgware Road (Metro)
026	Borough	071	Elephant & Castle
027	Boston Manor	072	Elm Park
028	Bounds Green	073	Epping
029	Bow Road	074	Essex Road
030	Brent	075	Euston
031	Bromley-by-Bow	076	Euston Square
032	Buckhurst Hill	077	Fairlop
033	Burnt Oak	078	Farringdon
034		079	Finchley Central
035	Caledonian Road	080	Finchley Road
036	Camden Town	081	Finsbury Park
037	Cannon Street	082	Fulham Broadway
038	Canons Park	083	Gants Hill
039		084	Gloucester Road
040	Chalfont & Latimer	085	Golders Green
041	Chalk Farm	086	Goldhawk Road
042	Chancery Lane	087	Goodge Street
043	Charing Cross	088	Grange Hill
044	Chesham	089	Great Portland Street
045	Chigwell	090	Greenford

BR Formats - "A" Files - SSS

LTT	- London Underground Destinations	-	All Regions
	Cols 45 - 47		
091	Green Park	136	London Bridge
092		137	Loughton
093	Hainault	138	Maida Vale
094	Hammersmith	139	Manor House
095	Hampstead	140	Mansion House
096	Hanger Lane	141	Marble Arch
097		142	Marylebone
098		143	Mile End
099	Harrow-on-the-Hill	144	Mill Hill East
100		145	Monument
101		146	Moorgate
102	Hendon Central	147	Moor Park
103	High Barnet	148	Morden
104	Highbury & Islington	149	Mornington Crescent
105	Highgate	150	Neasden
106	High Street Kensington	151	Newbury Park
107	Hillingdon	152	
108	Holborn	153	
109	Holland Park	154	North Acton
110	Holloway Road	155	North Ealing
111	Hornchurch	156	Northfields
112	Hounslow Central	157	North Harrow
113	Hounslow East	158	Northolt
114	Hounslow West	159	North Weald
115	Hyde Park Corner	160	
116	Ickenham	161	Northwick Park
117	Kennington	162	Northwood
118		163	Northwood Hills
119		164	Notting Hill Gate
120	Kentish Town	165	Oakwood
121		166	Old Street
122		167	Ongar
123	Kilburn	168	Osterley
124	Kilburn Park	169	Oval
125	Kingsbury	170	Oxford Circus
126	King's Cross St. Pancras	171	Paddington
127	Knightsbridge	172	Park Royal
128	Ladbroke Grove	173	Parsons Green
129	Lambeth North	174	Perivale
130	Lancaster Gate	175	Piccadilly Circus
131	Latimer Road	176	Pinner
132	Leicester Square	177	Plaistow
133	Leyton	178	Preston Road
134	Leytonstone	179	Putney Bridge
135	Liverpool Street	180	Queensbury

BR Formats - "A" Files - SSS

LTT	- London Underground Destinations	- All Regions
	Cols 45 - 47	
181		226 Temple
182	Queensway	227 Theydon Bois
183	Ravenscourt Park	228 Tooting Bec
184	Rayners Lane	229 Tooting Broadway
185	Redbridge	230 Tottenham Court Road
186	Regent's Park	231 Tottenham Hale
187		232 Totteridge/Whetstone
188	Rickmansworth	233 Tower Hill
189	Roding Valley	234 Trafalgar Square
190	Rotherhithe	235 Tufnell Park
191	Royal Oak	236 Turnham Green
192	Ruislip	237 Turnpike Lane
193	Ruislip Gardens	238 Upminster Bridge
194	Ruislip Manor	239 Upney
195	Russell Square	240
196	St. James's Park	241
197	St. John's Wood	242 Uxbridge
198	St. Paul's	243 Victoria
199	Seven Sisters	244 Walthamstow Central
200		245 Wanstead
201	Shadwell	246 Wapping
202	Shepherd's Bush (Central)	247 Warren Street
203	Shoreditch	248 Warwick Avenue
204	Sloane Square	249 Waterloo
205	Snaresbrook	250 Watford
206	South Ealing	251
207		252
208	Southgate	253
209	South Harrow	254 Wembley Park
210	South Kensington	255 West Acton
211		256 Westbourne Park
212	South Ruislip	257 West Brompton
213	South Wimbledon	258 West Finchley
214	South Woodford	259 West Ham
215	Stamford Brook	260 West Hamstead
216	Stanmore	261 West Harrow
217	Stepney Green	262 West Kensington
218	Stockwell	263 Westminster
219		264 West Ruislip
220	Strand	265 Whitechapel
221		266 White City
222	Sudbury Hill	267 Willesden Green
223	Sudbury Town	268
224	Surrey Docks	269
225	Swiss Cottage	270

BR Formats - "A" Files - SSS

LTT - London Underground Destinations - All Regions
Cols 45 - 47

271	Woodford	316	New Cross Gate
272	Wood Green	317	North Wembley
273	Woodside Park	318	Queens Park
274	King's Cross (Metro)	319	South Kenton
275	Hammersmith	320	Stonebridge Park
276	Edgware Road	321	Upminster
277	Shepherd's Bush (Metro)	322	Watford High Street
278	Pimlico	323	Watford Junction
279	Vauxhall	324	Wembley Central
280	Brixton	325	Willesden Junction
281		326	Wimbledon
282		327	Wimbledon Park
283		328	
284		329	
285		330	
286		331	
287		332	
288		333	
289		334	
290		335	
291		336	
292		337	
293		338	
294		339	
295		340	
296		341	
297		342	
298	Stratford	343	
299	Richmond	344	
300		345	
301	Amersham	346	
302	Barking	347	
303	Bushey & Oxhey	348	
304	Carpenters Park	349	
305	East Putney	350	
306	Gunnersbury	351	
307	Harlesden	352	
308	Harrow & Wealdstone	353	
309	Hatch End	354	
310	Headstone Lane	355	
311		356	
312		357	
313	Kenton	358	
314	Kew Gardens	359	
315	New Cross	360	

LTB Station Codes "A" Files for Change Stations LTCCols 48-50

01 Baker Street	35 Ealing Common
02 Oxford Circus	36 Acton Town
03 Tottenham Court Rd.	37 Turnham Green
04 Holborn	38 Gloucester Road
05 Piccadilly Circus	39 South Kensington
06 Leicester Square	41 Rayners Lane
07 Green Park	42 Chalfont & Latimer
08 Warren Street	43 Moor Park
09 Bank	44 Harrow-on-the-Hill
11 Euston	45 Wembley Park
12 King's Cross (Metro)	46 Finchley Road
12 King's Cross St. Pancras	47 Edgware Road (Metro)
13 Moorgate	48 Finchley Central
14 Liverpool Street	49 Camden Town
15 Monument	51 Finsbury Park
16 Charing Cross	52 Highbury & Islington
17 Victoria	53 Old Street
18 Notting Hill Gate	54 Woodford
19 Paddington	55 Mile End
21 Waterloo	56 Whitechapel
22 Elephant and Castle	57 Aldgate East
23 Kennington	58 Tower Hill
24 Stockwell	59 All Other
31 Earl's Court	
32 High Street Kensington	
33 Hammersmith	
33 Hammersmith (Metro)	
34 Ealing Broadway	

BR FORMATS RAW DATA FILES - "O" FILES.Card 1.

<u>Col.</u>	<u>Length.</u>	<u>Value.</u>	<u>description.</u>
1-2	2	01	Card Label
3-7	5		Station name. See Index by Southern Region. Index 1 Region/Numeric. Index 2 Alphabetic
3	1		<u>Region.</u>
		1 =	Southern
		2 =	Eastern
		3 =	Midlands
		4 =	Western
		5 =	Scotland
4-5	2		Station Group
6 7	2		Station Number in group.
8-13	6	Blank	
14	1		<u>Purpose.</u>
		1 =	To/From Work
		2 =	On bussiness other than to or from work.
		3 =	Shopping
		4 =	Sport entertainment.
		5 =	To/from College/School as student.
		6 =	Other Purposes.
15	1		<u>Distance.</u>
		1 =	Under $\frac{1}{2}$ a mile
		2 =	$\frac{1}{2}$ -1mile
		3 =	1-2 miles
		4 =	2-4 miles
		5 =	4-10 miles
		6 =	Over 10 miles.
16-17	2		<u>Mode to Station.</u>
		1 =	Walked all the way
		2 =	Cycle/Motor cycle
		3 =	Red arrow bus (Sometimes filled in as pay as you enter)
		4 =	Other bus/Coach
		5 =	Waterloo & City line
		6 =	Underground.
		7 =	Taxi
		8 =	Sea/air
		9 =	Car driver

<u>Col.</u>	<u>Length.</u>	<u>value</u>	<u>description.</u>
		10 =	Car passengers
		11 =	Sometimes post coded as train on s.r.
18	1		<u>Car Parking.</u>
		1 =	Car driven away
		2 =	Car parked at Station
		3 =	Car parked near station off road.
		4 =	Car parked near station on street.
19	1		<u>Q7 Pilot Only.</u>
			<u>How crossed London.</u>
		1 =	Walked all the way.
		2 =	Red arrow bus/coach.
		3 =	Waterloo city line
		4 =	Underground
		5 =	Taxi
		6 =	Other method
20	1		Mode From Station of arrival
		1 =	Walked all the way
		2 =	Cycle/Motor cycle
		3 =	Red arrow bus
		4 =	Other bus/coach
		5 =	Waterloo & City line
		6 =	Underground
		7 =	Taxi
		8 =	Sea/air
		9 =	Car.
21	1		<u>Ticket Class.</u>
		1 =	First class
		2 =	Second class
22	1		Constant value
23	1		<u>Season ticket type.</u>
		1 =	Yearly
		2 =	3 months
		3 =	one month or more.
		4 =	Weekly
		5 =	Five day ticket
		6 =	staff
24	1		<u>Single ticket type.</u>
		1 =	Full fare
		2 =	Reduced fare
		3 =	Staff
		4 =	Other.

<u>Col.</u>	<u>Length.</u>	<u>value.</u>	<u>description.</u>
25	1		<u>Return ticket type.</u>
		1 =	Full fare
		2 =	Reduced fare
		3 =	Staff
		4 =	Other.
26			<u>No of cars.</u>
		Blank =	None
		1 =	None
		2 =	One
		3 =	Two
		4 =	Three or more.
27-32			<u>G.L.C. INNER London Journeys.</u> ("Long cards only.)
27	1		Purpose 1st journey
28	1		<u>Purpose 2nd Journey.</u>
		1 =	To work
		2 =	Business
		3 =	Shopping
		4 =	Entertainment
		5 =	School
		6 =	Other
29	1		<u>Method 1st Journey.</u>
30	1		<u>Method 2nd Journey.</u>
		1 =	Bus
		2 =	Tube
		3 =	Taxi
		4 =	Car
		5 =	Other
31	F		<u>Return the same way 1st Journey.</u>
32	1		<u>Return the same way 2nd journey.</u>
		1 =	no
		2 =	yes
33-38	6		<u>Questionnaire index number.</u>
39-43	5		<u>Home area code.</u> (see see GLT'S CODE books & BR outer area CODE Sheets.
44-47	4		<u>Actual departure time./Train at station.</u>
48-52	5		<u>1st change station number.</u> (CODES as 1/3-7)
53-54	2		<u>Alternative 1st change short code.</u> <u>Short Change CODE.</u>
		1 =	Clapham Junction.
		2 =	London bridge S.E.

<u>Col.</u>	<u>Length.</u>	<u>Value.</u>	<u>Description.</u>
		3 =	Horne Hill
		4 =	Sevensoaks
		5 =	Lewes
		6 =	East Croydon
		7 =	Waterloo
		8 =	Tulse nill
		9 =	Brighton
		10 =	London Bridge
		11 =	Peckham Rye
		12 =	Orpington
		13 =	Guilford
			(Greenford on westren Region.)
55-59	5		<u>2nd change station Number.</u>
			CODES as 1/3-7)
60-61	2		<u>Alternative 2nd change short code.</u>
62	1	1	<u>Constant value.</u>
63-67	5		<u>Destination Station Number.</u>
			(CODES as 1/3-7)
68-69	2		<u>Alternative Short Destination Code.</u>
		1 =	Euston
		2 =	St Pancras
		3 =	Marylebone
		4 =	Broad Street
		5 =	Liverpool St
		6 =	Fenchurch St
		7 =	Kings Cross
		8 =	Paddington
		9 =	Waterloo s.e. Either code sometimes used &
		10 =	Waterloo s.w. Checked by logic in edit.
		11 =	Victoria Central
		12 =	Victoria S.E. ditto
		13 =	London Bridge Central.
		14 =	London Bridge s.e. ditto
		15 =	Cannon St
		16 =	Holborn
		17 =	Black Friars
		18 =	Charing Cross
		19 =	Vauxhall
		20 =	Elephant & Castle
70-71	2		<u>Cross London From station.</u>
			(short CODES as 1/68-69)

<u>Col.</u>	<u>Length.</u>	<u>Value.</u>	<u>Description.</u>
72-73	2		<u>Cross London to station.</u> Short CODES as 1/68-69
74-76	3		<u>LTB underground station From CODE.</u> (see LTB CODE list)
77-79	3		<u>LTB underground station To CODE.</u> (see LTB CODE list.)
80-82	3		<u>LTB underground station change CODE.</u> (see LTB CODE list.)
83-87	5		<u>Final Destination address area.CODE.</u> (CODES as 1/39-43)
88	1	1	<u>If LTB stations same as cross London station</u> (Alternative to 1/74-76 & 1/77-79)

CARD 2.

1-2	2	02	<u>Label.</u>
3-6	4		<u>Work & education Start time 24 hr clock.</u>
7-10	4		<u>Work & education finish time 24 hr clock.</u>
11-12	2		<u>Minutes taken from destination station to</u> <u>Final destination.</u>
13-15	3		<u>Total duration of Journey hrs. minutes.</u>
16	1		<u>Trigger set to 1 if Return Journey exact</u> <u>Reciprocal of outward Journey ie</u> Alternative to card 2 cols 17-46 except cols 24-27.
17-21	5		<u>Return Journey departure station number.</u>
22-23	2		<u>Alternate short Return departure station</u> <u>CODE. (as 1/68-69)</u>
24-27	4		<u>Return Journey schedule departure time</u> <u>24 hr clock.</u>
28-32	5		<u>Return Journey destination station number.</u> (as 1/3-7)
33-37	5		<u>Return Journey 1st change station number .</u> (as 1/3-7)
38-39	2		<u>Return journey 1st change station short COD</u> (as 1/53-54)
40-44	5		<u>Return journey 2nd change station number.</u> (as 1/3-7)
45-46	2		<u>Return journey 2nd change station short COD</u> (as 1/53-54)
47-82			<u>GLC inner LONDON JOURNEYS .</u> ("Long cards only)
47-51	5		<u>1st journey origin area. GLTS CODE.</u>

<u>col.</u>	<u>length.</u>	<u>value.</u>	<u>description.</u>
52-56	5		<u>1st journey destination area GLTS CODE.</u>
57-60	4		<u>1st journey arrival time 24hr clock.</u>
61-64	4		<u>2st journey departure time 24hr clock.</u>
65-69	5		<u>2nd journey origin area GLTS CODE.</u>
70-74	5		<u>2nd journey destination area GLTS CODE.</u>
75-78	4		<u>2nd journey arrival time 24hr clock.</u>
79-82	4		<u>2nd journey departure time 24hr clock.</u>
83			<u>Sample weighting factor.</u> (ie.no.of times card to be read to make up sample)
84-88			<u>Spare Blank except in Southern pilot.</u>
84	1		<u>PILOT ONLY.</u>
84	1		<u>1st GLC journey purpose. as (1/27,28)</u>
85	1		<u>1st GLC journey Mode. as (1/29,30)</u>
86	1		<u>2nd GLC journey purpose. as (1/27,28)</u>
87	1		<u>2nd GLC journey mode. as (1/29,30)</u>
88			<u>Blank.</u>

SN: 1009

British Rail Origin and Destination Survey 1971

Appendix

Selected Destinations for SR Central DivisionCentral London

Victoria (Central	London Bridge (Central)
Charing Cross (SE)	Vauxhall
Waterloo (SE)	Elephant & Castle
Waterloo (SW)	Blackfriars
Cannon Street (SE)	Holborn Viaduct

Intermediate

Clapham Junction	East Grinstead
East Croydon	Oxted
New Cross Gate	Tunbridge Wells Central
Peckham Rye	Haywards Heath
Wimbledon	Brighton
West Croydon	Lewes
South Croydon	Eastbourne
Sutton	St. Leonards (Warr. Sq.)
Epsom	Hastings
Leatherhead	Hove
Dorking	Lancing
Redhill	Worthing
Salfords	Chichester
Gatwick Airport	Havant
Three Bridges	Hilsea
Crawley	Portsmouth & Southsea
Horsham	Portsmouth Harbour
Guildford	Littlehampton
Tonbridge	Bognor Regis

LONDON TERMINAL

(b) LTS by London Borough or Group of London Boroughs etc. as follows:-

- 1 Lewisham
- 2 Southwark
- 3 Lambeth
- 4 Wandsworth
- 5 Hammersmith Kensington & Chelsea Westminster Camden
- 6 Haringey Islington Hackney Enfield
- 7 Bexley
- 8 Bromley
- 9 Greenwich
- 10 Dartford MB & RD
- 11 Croydon
- 12 Sutton
- 13 Kingston
- 14 Merton
- 15 Caterham & Warlingham Epsom/Leatherhead Walton/Weybridge
- 16 Richmond
- 17 Hounslow
- 18 Staines/Sunbury
- 19 Eton & Slough RD
- 20 Hillingdon Ealing Brent Harrow Barnet
- 21 Tower Hamlets
- 22 Watford UD & RD Potters Bar
- 23 Waltham Abbey/Cheshunt
- 24 Newham Havering Barking Redbridge Waltham Forest
- 25 Loughton etc.
- 26 Grays etc.

East Croydon/West Croydon

(a)	All Zones individually for 5000 5100 5300	=	1 - 58
(b)	Small groups by first three digits 410/0 411/0 412/0 413/0 414/0 415/0 416/0 417/0	=	59 - 66
(c)	Larger groups by first two digits 52/00 54/00 55/00 56/00 40/00 42/00 43/00 10/00 11/00 12/00 13/00 plus 6/000 as one group	=	67 - 78
(d)	Central Area of London (163 Zones/Sub Zones) as a group	=	79
(e)	Remainder of G.L.T.S. as a group	=	80
(d)	Remainder of country etc as a group	=	81

BRIGHTON

Brighton Cl.	916/00	Falmer	916/15
Hove	916/01	St. Ann (without)	916/26
Aldington	916/01	Kingston near Lewes	916/19
West Blatchington	916/01	Iford	916/18
Haughton	916/01	Rodmell	916/25
Portslade-by-Sea	916/04	Southease	916/28
Southwick	917/02	Telscombe	916/33
Kingston-by-Sea	917/01	Peacehaven	916/21
Shoreham-by-Sea	917/01	Piddingham	916/22
Old Shoreham	917/01	Tarring Neville	916/32
Lancing	917/59	South Heighton	916/29
Coombes	917/53	Beddingham	916/11
Sompting	917/64	West Firle	916/34
Worthing MB	917/03	South Malling (without)	916/30
Findon	917/56	Glynde	916/16
Clapham	917/52	Lewes MB	916/02
Patching	917/61	Newhaven	916/03
Angmering	917/50	East Blatchington	916/05
Burpham	917/51	Seaford	916/05
South Stoke	917/65	Ringmore	916/24
Houghton	917/57	Hamsey	916/17
Warringcamp	917/65	Barcombe	916/10
Lyminster	917/60	St. John (without)	916/27
Poling	917/62	East Chilmington	916/14
Rustington	917/63	Chailey	916/12
East Preston	917/54	Plumpton	916/23
Kingston	917/58	Streat	916/31
Ferring	917/55	Westmeston	916/35
Twineham	913/25	Ditchling	916/13
Albourne	913/10	Wivelsfield	916/36
Hurstpierpoint	913/18	Burgess Hill	913/00
Clayton	913/14	Newtimber	913/21
Keymer	913/19	Poynings	913/22
Pyecombe	913/23	Fulking	913/16
		Newick	916/20

Upper Beeding	917/23	
Bramber	917/13	
Steyning	917/19	
Henfield	917/15	
Woodmancote	917/27	
Shermanbury	917/18	
Ashurst	917/12	
Wiston	917/26	
Washington	917/24	
Ashington	917/11	
Sullington	917/21	
Thakeham	917/22	
Storrington	917/20	
West Chilmington	917/25	
Pulborough	917/17	
Coldwaltham	917/14	
Parham	917/16	
Amberley	917/10	87
Remainder of East Sussex (904/909/913/916)		1
Remainder of West Sussex (914/917/918)		1
Remaining Destinations		1
		<hr/>
		90
		<hr/> <hr/>

Required Arrival Time

Obtained by filtering Work and Education journeys only
(Qu.1 on questionnaire)

Then subtracting 'onward travel time' (Qu.13) from work
start time (Qu.12) gives 'Required arrival time'.

Required Departure Time

Obtained by filtering Work and Education journeys only
(Qu.1 on questionnaire)

Then adding outward onward travel time (Qu.13) to work
finishing time (Qu.12) gives 'Required departure time'.

Work/Education Start Times

1	Total	8	0820 - 0839
2	Null Reply (Not work or Educ)	9	0840 - 0859
3	Up to 0659	10	0900 - 0919
4	0700 - 0719	11	0920 - 0939
5	0720 - 0739	12	0940 - 0959
6	0740 - 0759	13	1000 - 1159
7	0800 - 0819	14	1200 +

Work/Education Finish Times

1	Total	8	1720 - 1739
2	Null Reply (Not work or Educ)	9	1740 - 1759
3	Up to 1559	10	1800 - 1819
4	1600 - 1619	11	1820 - 1839
5	1620 - 1639	12	1840 - 1859
6	1640 - 1659	13	1900 - 1959
7	1700 - 1719	14	2000 +

- Herts
- 1 = Berkhamstead
 - 2 = Welwyn Garden City
 - 3 = Berkhamstead
 - 4 = Chomley

Origin Area Code
 G.L.C.
 G.L.T.S
 Outer-Met Area

Kent

- 1 = Swanscombe

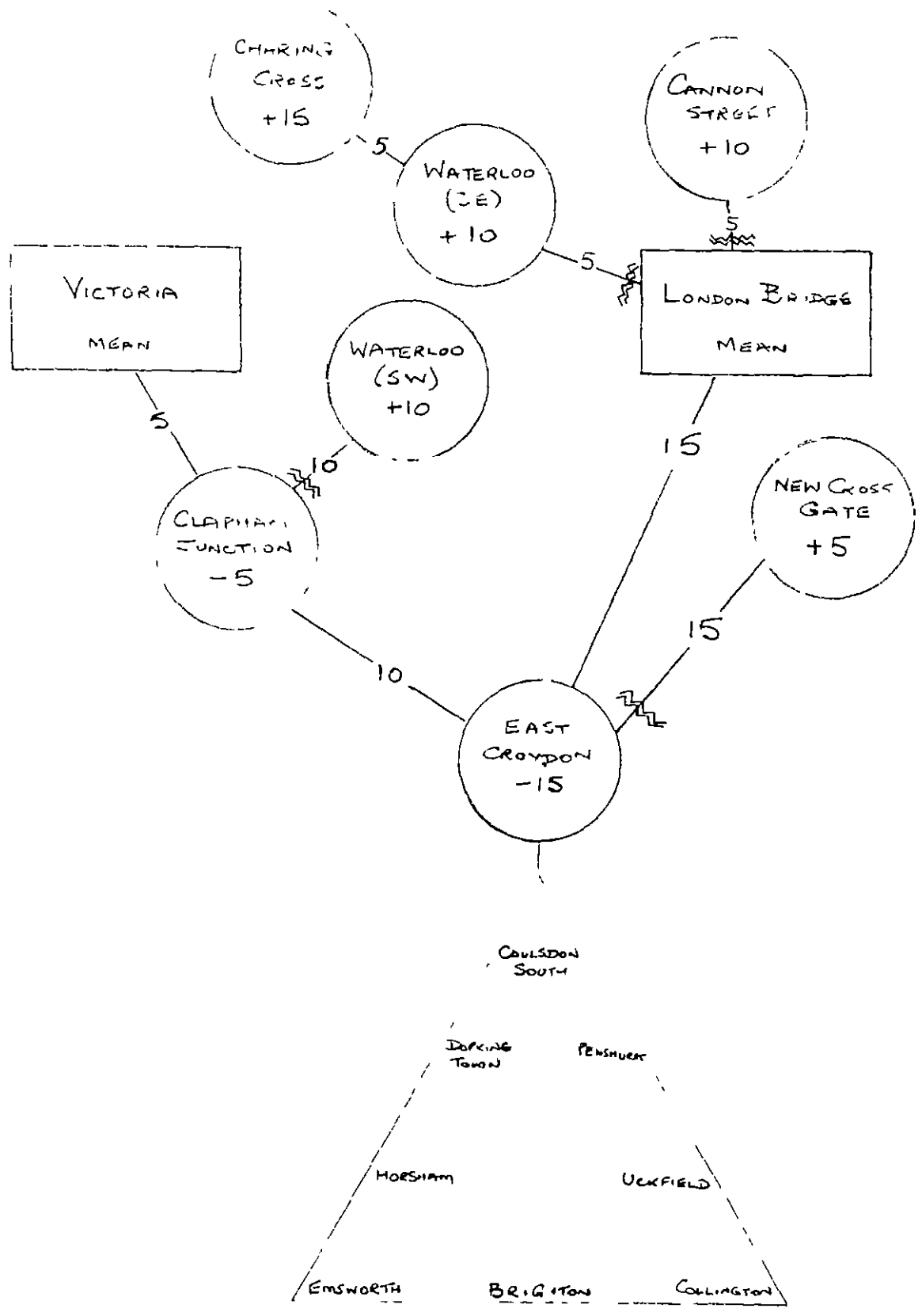
Surrey

- 1 = Sunbury - on - Thames
 - 2 = Walton and Weybridge
- Greater London.

Greater London

- | | |
|--------------------------|-------------------------|
| 1 City of London | 22 Richmond upon Thames |
| 2 Enfield | 23 Wandsworth |
| 3 Barnet | 24 Lambeth |
| 4 Harrow | 25 Southwark |
| 5 Haringey | 26 Lewisham |
| 6 Waltham Forest | 27 Greenwich |
| 7 Redbridge | 28 Bexley |
| 8 Hillingdon | 29 Kingston upon Thames |
| 9 Brent | 30 Merton |
| 10 Camden | 31 Sutton |
| 11. Islington | 32 Croydon |
| 12 Haringey | 33 Bromley |
| 13 Newham | |
| 14 Barking | |
| 15 Havering | |
| 16 Ealing | |
| 17 City of Westminster | |
| 18 Tower Hamlets | |
| 19 Hammersmith | |
| 20 Kensington & Chelsea, | |
| 21 Hounslow, | |

ANALYSIS - BE/CC - TRAVEL TIMES BUILT IN TO THE TABULARITY
 (SIGNS ARE REVERSED FOR CC)



NB. 5 MINUTES ARE ALLOWED FOR INTERCHANGE [zigzag symbol] WHEN NECESSARY TIME DIFFERENTIALS ARE THUS 5+ TRAVEL TIME INDICATED ON THE VARIOUS LINKS

BRITISH RAIL : SOUTHERN REGION

ORIGIN AND DESTINATION SURVEY 1971-72SUPPLEMENTARY NOTEIntroduction

The attached memorandum has been produced to provide brief details of the 1971/72 O. and D. Survey for the benefit of the many consultants retained both by B.R. and other bodies and students writing theses etc. who need a basic introduction to the data held by the E.S.O. Waterloo. These additional notes have been compiled to assist in the planning of possible similar exercises elsewhere.

Purpose

Passengers may be counted at their origin stations entering the rail system (we do this on the Southern on roughly a 3 year cycle) but there is no means of knowing from such a count what journeys they are making, particularly the important split between travel to the terminus of the line and the demand for destinations short of the terminus which affects the pattern of service provided. Similarly counts may be taken at the termini (we do this every Autumn on the Southern) but there is no way of knowing where passengers have originated by this means. This is again particularly important on a complex network like the S.R. where a train may be recorded as heavily overloaded arriving at Charing Cross (S.E.) or Victoria (CtL.) which has in fact only been true of the last few minutes of its journey as a result of a heavy net inflow of passengers at London Bridge (7 mins. journey time away) or Clapham Junction (6 mins.).

On a lightly trafficked network a full survey may be possible of passengers joining and alighting at each station thus providing station to station loadings, load factors, seat miles, passenger miles etc. but this is quite impracticable on the S.R. network (566 stations, 5,268 trains, 1.1 million passengers per weekday) although it is the normal B.R. practice on other Regions through the Passenger Train Survey (P.T.S.).

A second approach is by ticket analysis. Again on a lightly loaded system this might be done manually at ticket barriers (although again passengers do not always join the next departing train particularly if the station is served by more than one route or metropolitan terminus) or a check may be carried out on train. Alternatively journey patterns might be obtained by computer analysis of ticket sales. This too is carried out by B.R. in the National Passenger Accounting and Auditing System (NPAAS) but this type of approach cannot allocate passengers to trains or even to the day of the week on which travel takes place.

All of these approaches to a greater or lesser extent give data about what passengers are doing. None of them give any guidance to the railway operator as to what the passenger would actually prefer to do.

This is the particular merit of the O. & D. approach.

The O. & D. Option

The conduct of such a survey as the 1971-72 S.R. O. & D. Survey is a major operation and it is probably not worth adopting this approach for a very simple system (we excluded the Isle of Wight system) or one where options do not exist. In London the survey was much more applicable to the needs of the Southern Region where there are up to eight possible Central London stations to choose from compared to the Western Region with only one. In simpler situations a simpler approach such as normal market research interviewing is indicated. Secondly full value from the survey can only readily be obtained if it is possible to mechanize the input and output and this implies a readily available coding system for off rail O's and D's. In both the 1964 and 1971-72 surveys the Region was able to apply geographical coding systems already in being which provided the basis for the 1962 London Transportation Study (L.T.S.) and 1971 Greater London Transportation Survey (G.L.T.S.). In both cases it was possible to graft on a S.R. devised system for areas outside the immediate sphere of interest of the G.L.C. which were subsequently adopted by the Planning Authority for "external origins" in their Transportation Studies. It would be quite impracticable and hopefully unnecessary anyway for a railway administration to take on the task of devising a geographical coding system for a major urban area.

The conduct of the survey

Three fundamental requirements must be met if the survey is to be a success.

- i) The survey cards must be properly distributed.
- ii) A reasonably high proportion of usable cards must be returned.
- iii) Independent control statistics on the level of travel must be in existence in order to validate the results of the O. & D. survey.

Under (i) It is recommended that all passengers are contacted. It is impossible at busy stations to distribute to any strict sample of passengers. As soon as a degree of self-selection creeps in bias will arise. A parallel problem is to ensure that not only 95% of passengers are contacted. Plans must be laid for the difficult cases. Our experience is that success in distribution depends a great deal on the manner of distribution and the character of the distributors. It is essential that whoever does carry out this work has no other duties e.g. station duties to perform.

Under (ii) in order to deal with differential response rates between stations, by direction of travel and by time of day some sampling procedure is required. This must be related to the actual flow of traffic which means cards must be serially numbered and distributed as far as possible in number order.

Under (iii) the validity of the sampling procedure is dependent on concurrent or recent traffic survey data. The S.R. drew a 25% sample per 100 serially numbered cards issued - 25 per 100 at stations with 800+ passengers 5 per 20 at smaller stations. The slight tendency for response bias to creep in in respect of London season ticket holders was controlled by checking the numbers of these passengers in the sample against our records of London season ticket holders.

Results

Obviously as with any other survey the available output is dependent on the input and the input is related to the problems to be solved. The S.R. Survey was devised in part to provide answers to questions not actually formulated when the survey was carried out but because of the form in which the data is held it has been possible to use it in many situations the need for which was not foreseen when the survey was being designed.

There are clearly limits to the number of questions which can be included on a self administered questionnaire of this type and it is probable that the S.R. card is at the limit. Two items of data were discussed and subsequently omitted from the card.

- i) Detailed home address i.e. house number to assist in detailed locational coding - it was feared that in the wrong hands this could become a burglar's guide. Subsequent studies have shown that this could have been asked without depressing response rates.
- ii) Income data. This would be extremely useful in relation to car ownership and problems of journey making but quite apart from the obvious question 'what the _____ has this to do with running a railway?' there would also be problems of accuracy. Income questions are best covered in a market research interview where the researcher can probe and even in such studies as G.L.T.S. there are doubts as to its accuracy. We were no doubt right to exclude it.

The basic application of the survey was for timetabling. Journeys for work and educational purposes are relatively inflexible while optional journeys do not generally have a tight time constraint. If the survey covers work/education start/finish times and present onward travel times from the station currently used then it is a simple task to establish the ideal pattern of requirements vis-a-vis required arrival and required departure times of trains at the terminus or any intermediate station of importance e.g. East Croydon. This has been done in our standard tabulations B and C.

It is also possible to calculate the level of demand for a service not yet in being. For example if all long distance S.R. S.E. Division services were to be routed into Victoria instead of Charing Cross in future which is quite feasible operationally then knowing the ultimate G.L.T.S. zones of destination and knowing (from data supplied by the L.T.E. as well as from our own researches) the onward travel times from Victoria and the station(s) with which it would be competing in the future in this case Cannon Street the extent of the two competing distribution areas can be established using the standard assumption that people will proceed by the 'least time path' or quickest route.

'Onward travel time' in this context is an aggregation of the B.R. platform - L.T. platform interchange time (bearing in mind how long it takes the median B.R. passenger to pass through the ticket barrier on alighting from a heavily loaded commuter train) or B.R. platform to street or bus stop time, waiting time for underground or bus, travel time on the supplementary form of transport, further interchange time, waiting time and further travel time if more than one underground/bus route is used, exit time to street level and final walk time. In addition psychological penalties may be included in the calculation to allow for the irritational or frictional effect of having to change from one form of transport to another, walk time, waiting times etc. may be weighted and the calculations may if desired take into account relative

Results (Continued)

costs of Route A v. Route B or mode A v. mode B and be expressed in terms of 'generalised cost'. Not being a University Research Department and not having unlimited time at our disposal in our studies we have adopted a standard psychological penalty for vehicle to vehicle interchange in the Central Area of 4 minutes, have not weighted time spent walking as opposed to waiting or in vehicle time etc. and have only dabbled in generalised cost. It all depends on the level of sophistication one has time for.

Having established the distribution areas of the new pattern of terminal stations in terms of G.L.T.S. zones and having the above mentioned body of data relating to travel times by various modes within Central London it is a comparatively simple matter to allocate zones or part zones to five minute travel time radii of the appropriate terminus. Since the O.& D. recorded work/education start and finish times it becomes a relatively simple matter to programme a computer to produce 'required arrival' and 'required departure' times at the notional terminal to be served in future.

Using this form of analysis the Morning Peak Period demand by time period for a large part of the S.R. S.E. Division has recently been established by the Economic Survey Office at the request of the Divisional Manager.

It has also been possible to use the O.& D. for various planning exercises. Two studies in recent months have centred upon Charing Cross.

In the first the problem was to assess the required future level of access between the B.R. system and the L.T.E. The construction of a new Underground route to Charing Cross from the N.W. which will probably be extended eastwards in due course (the Fleet Line) will necessitate the construction of a new low level L.T.E. concourse and ticket hall giving access to the Northern, Bakerloo and Fleet Lines while District and Circle Line passengers will still leave the station by the Villiers Street exit. At the same time the G.L.C. wished to divert passengers who at present leave the station and cross the Strand at grade to cross the road in future via the L.T. concourse/subway.

Given the ultimate destination of commuters in terms of G.L.T.S. zones it was possible to apply the O. and D. to establish the future level of user of the L.T.E. concourse for transfer -

- i) to the three above mentioned Underground Lines;
- ii) to northbound and eastbound buses;
- iii) for walk purposes (i.e. passengers proceeding to destinations N of the Strand) as opposed to -
 - i) transfer to the District and Circle Lines;
 - ii) transfer to westbound and southbound buses;
 - iii) passengers walking to final destinations not crossing the Strand.

Results (Continued)

The basic split of passengers in future using/not using the low level concourse/subway was thus derived and applied to existing survey figures of the number of passengers leaving all exits of the station at present in the Morning Peak Period on a minute by minute basis. These figures applied to stairway/escalator capacity figures established the extent of the interchange facilities required.

A similar exercise involved the cutting back of the S.R. system to Waterloo (S.E.) south of the river and the replacement of the Waterloo - Charing Cross section by a travelator. Again knowing the ultimate zones of destination of passengers it was possible to calculate the future user of the travelator and since this would be slower than the present train service the extent of the diversion to other competing S.R. termini. It was found in fact that the future Central London distribution area of the travelator was considerably smaller than that of the B.R. station at Charing Cross and that large areas of the West End would in future be better (i.e. quicker) served from other Central London stations.

Similar studies are of course possible at the origin end of the rail journey. The coding of origins to zones enables station catchment areas to be established and liaison with the Local Planning Authorities relating to future population change etc. in these areas means that traffic projections by separate lines of route become possible.

Studies of bus/rail and car/rail interchange at origin stations together with car parking requirements have also been undertaken and a study is in hand to establish the effect on traffic generation of distance of places of residence from rail facilities.

Economic Survey Office
WATERLOO

19 August 1975
K/G 871

ENGLAND RAIL - SOUTHERN REGION

ORIGIN AND DESTINATION SURVEY 1971/1972

- 1. In 1964 an Origin and Destination Survey was undertaken on the Southern Region for the first time, and the basic purpose of the 1971/1972 survey was to update this information.

Passenger counts show how well our customers are using existing services, whereas an O. and D. survey demonstrates how suitable or otherwise present services really are.

This type of survey, besides having an obvious function in the preparation of the 1975/1976 timetables, can be used for many forward planning purposes.

Data provided in the 1964 survey has been absolutely invaluable for planning purposes, and it is anticipated the 1971/1972 data will be used for a number of years also, as it is unlikely that this type of survey will be repeated for some time.

Arrangements for the survey were made in conjunction with the B.R.B. and the three other London based regions, each of which undertook surveys within their territories, resulting in an overall survey area bounded by a line Ipswich, Cambridge, Peterborough, Rugby, Swindon, Pewsey, Salisbury and Weymouth.

- 2. On 25 May 1971 a Pilot Study was carried out on the Southern to test the questionnaire and survey methodology among passengers living on the Sanderstead to East Grinstead and Uckfield lines.
- 3. All passengers at each of the 18 stations on these routes commencing journeys between the first service of the day and 15 00 were handed a questionnaire and asked to complete and return it giving details of the journey they were making. Some 8,262 cards were issued and 4,891 (59.2%) were returned.
- 4. Minor alterations were made to the questionnaire and it was decided to proceed with the survey throughout the rest of the Region.
- 5. The outstanding 166 stations on the Central Division were surveyed on 19 October 1971, when 171,402 questionnaires were distributed. 73,285 cards (42.8%) were returned.
- 6. It was originally intended that the remainder of the Region should be covered in 1971 also, coterminous with 1971 Census of Population (April) and the 1971 G.L.T.S. (Actually September 1971 to May 1972), but due to B.R. labour troubles and fares increases, it was necessary to postpone the South Eastern and South Western Divisions until the Autumn 1972. These were covered on four consecutive Tuesdays in October.
- 7. On 10 October 1972 a total of 71 stations, Victoria (SE) and Holborn Viaduct to Shortlands, Bat and Ball, Maidstone East, Charing, Faversham, Ramsgate and Kearsney were surveyed. 63,210 questionnaires were distributed, 27,942 (44.2%) being returned.

8. The remaining 122 stations on the South Eastern Division were covered on 17 October 1972 when 139,621 cards were issued of which 66,594 (47.7%) were subsequently returned.
9. South Western Division (Windsor) stations, Waterloo to Hounslow, Shepperton, Staines, Windsor, Addlestone, Frimley and Earley, 45 stations, were surveyed on 24 October 1972, 38,251 questionnaires being distributed. A total of 16,785 were returned representing a response rate of 43.9%.
10. On 31 October 1972 the balance of 133 stations on the South Western Division were covered. Some 116,378 questionnaires were handed out and 49,977 (42.9%) returned.
11. A few exceptions were made to strict Divisional boundaries when some stations were more logically taken with other groups of stations. The exceptions were:-
 - Warblington)
 - Merton Park) - South Western Division - Surveyed 19 October 1971
 - Shalford)

 - Selsdon)
 - Coombe Road) -- Central Division -- Surveyed 17 October 1972.
 - Bingham Road)
 - Tunbridge Wells West)
12. For varying reasons it was decided that certain stations should be excluded from the survey and these were:-
 - Folkestone Harbour
 - Newhaven East Quay
 - Weymouth Quay
 - Waterloo (Eastern)
 - Dilton Marsh
 - Warminster
 - Kempton Park
 - Ryde Pier Head
 - Ryde Esplanade

 - Ryde St. Johns
 - Brading
 - Sandown
 - Shanklin
 - Wimbledon Park
 - Southfields
 - East Putney
 - Kew Gardens
 - Gunnersbury
13. In total some 555 stations were surveyed on the Southern Region between 25 May 1971 and 31 October 1972, with 537,124 cards being distributed. 239,474 cards were returned (representing an overall response rate of 44.6%) either by post or through special collecting boxes maintained at stations for one week after the survey.
14. To encourage response travel prizes of two first class return tickets or £10 off a season ticket were offered. A draw took place from the returned cards on the basis of three prizes per 10,000 cards issued.
15. The questionnaire cards were specially designed for optical scanning by our consultants, Document Reading Services Ltd.

16. A 25% sample of the total number of cards issued at each station was drawn. These were passed to the consultants for coding, where necessary, scanning and production of magnetic tape.
17. Analysis commenced with Central Division, followed by the South Eastern and South Western Divisions. Tabulations have been produced by section of line.
18. Each section of line volume of tabulations contains the following analyses for each station (some grouping of stations has been made, however, for analyses B and C).

Analysis 'A'

All destinations x Origin departure time.

Analysis 'B'

Selected Destinations x Desired arrival time.

Analysis 'C'

Selected Destinations x Desired departure time.

Analysis 1

Selected Destinations x Purpose.

Analysis 2

Origin Address x Mode to Station.

Analysis 1

Distance x Mode to Station

Analysis 5(a)

Car Ownership x Mode to Station.

Analysis 5(b)

Car Ownership x Car Parking.

Analysis 6

Selected Destinations x Change station.

19. Further specialised tabulations have been produced for each Division:-

Central Division

Analyses BB/CC and BBB/CCC - Variation on Analyses B and C providing a finer definition on desired arrival/departure time for timetable planning.

South Eastern Division

Analysis D - G.L.T.S. sub-zone x work/education start time for each originating station or group of originating stations.

Analysis E - G.L.T.S. sub-zone x work/education finishing time for each originating station or group of originating stations.

South Western Division

Analyses BE/CC - Variation on Analyses B and C providing a finer definition on desired arrival/departure time for timetable planning.

20. After the initial tabulations, above, have been produced, additional Divisional/Regional tabulations will be provided, in due course as follows:-

Analysis 3

Address of Residence x Origin Station.

Analysis 8/9

Central London arrival station x Central London departure station by mode used between London termini.

Analysis 13

Mode of onward travel from selected destinations.

Analysis 14/15

Required arrival times x selected destination stations x final destination

(NOTE: No analyses 7 or 10 will be produced and it is unlikely that unspecified analyses 11 and 12 will be produced).

21. The tabulations above represent those it has been decided to produce to meet present requirements. Additional information was obtained from passengers and was transferred to magnetic tape. Other data, in tabulation form, could be produced, if required.
22. Sampled cards for all stations are available in the Economic Survey Office for hand analysis, for the production of 'scatter' maps etc.

Further information regarding the survey can be obtained from either Extn. 2445 or Extn. 2750.

Economic Survey Office,
WATERLOO

K/G 871

Ext. 2750

February 1974

1971 ORIGIN AND DESTINATION SURVEY
INSTRUCTIONS FOR SAMPLING

STAGE A

1. It is the intention to select a 25% sample of the cards issued at each station for optical reading and transfer to magnetic tape as the basis for tabulation.

You will receive cards in groups which cover a serial number range of 100 e.g. 645501-645600.

Because each card issued has not necessarily been returned there will be less than 100 cards in the group you receive.

The cards will not be sorted into numerical order. Do not sort the cards into numerical order.

2. Where 800 or more cards were issued at a station the 25% sample can be selected directly from these piles of returned cards.

The 25 cards selected can be taken off the top of each 100 pile.

Then proceed as in paragraph 5 below.

3. In the case of stations where less than 800 cards were issued take each group of "100" returned cards and make 5 separate piles of cards, each one representing a serial number range of 20 cards e.g. 645501 to 645520; -21 to -40; -41 to -60; -61 to -80; -81 to 645600.

Each pile will then probably have less than 20 cards. Again, do not sort the cards into numerical order, or use the lowest numbered card as a label for the group.

4. From each of these piles select 5 cards by taking them in alternate order from the top of the pile, i.e. the 1st, 3rd, 5th, 7th and 9th cards from the top.

If there are only five cards obviously all will have to be included in the sample. If there are six or more then those cards which were not selected when running through the pile for the first time on an alternate basis of selection are available the second time the cards are checked through.

If there are nine or more cards then the pile will not have to be gone through twice.

Some examples will make the procedure clear. Numbers underlined are the cards selected. The first (top) card on the pile = 1.

(a) Where there are 5 cards
1, 2, 3, 4, 5 = 5

(b) Where there are 6 cards
1, 2, 3, 4, 5, 6 = 3
Second check through
2, 4, 6 = 2
= 5
=

- (c) Where there are 9 or more cards
1, 2, 3, 4, 5, 6, 7, 8, 9+ = 5

If there are less than five cards in a batch of twenty then the number will have to be made up.

If one card only is required this should be the first rejected card in the next batch of twenty and if two are required the second rejected card should also be selected.

If more than two are required or if the next batch of twenty does not contain sufficient spares speak to your supervisor.

In the case of deficiencies in the last batch of twenty i.e. serial nos. XXX581-XXX600 the required spares should be taken from the previous (not the next) twenty batch.

The unsampled cards should be secured with an elastic band and a large U (for unsampled) written in Red across the face of the card but not obscuring the scan track on the right hand side of the card.

5. The 25 cards selected must now be examined to see that they contain enough information for our purposes.

Not all the questions on each card will always be answered. Some questions must be answered, others need not be answered. The "window card" can be used to check whether some of the vital questions have been answered.

6. Take each of the 5 cards in turn and place the "window card" over it.

There should be an answer (or underlined answer) on the card in each of the spaces appearing through the "windows" (Questions 1,2,7,11,12*and 13*).

If any of these questions does not have an answer the card must be rejected. Rejected cards should be marked with a large "R" in the top left hand corner of the card.

Keep a separate pile of these rejected cards.

7. If a card is rejected it must be replaced by another card from the appropriate 100 (or, in the case of small stations, i.e. under 800 cards issued 20) serial number pile.

Check the new card with the "window card".

8. When you have got 25 cards or 5 groups of 5 cards, all checked by the window card, you can proceed to Stage B.

* Questions 12 and 13 need only be answered by passengers making work or education journeys (Qu. 1 (1) and (5)). If passengers travelling for these purposes do not answer these two questions then the card must be rejected.

In the case of journeys made for all other purposes the card (if otherwise satisfactory) can be included in the sample.

STAGE B

In this stage the other answers must be examined to see that they make sense and, where possible, to fill in any omissions.

1. Questions 1 and 2 will have been checked by the "window card" in Stage A.
2. Question 3: If no answer is given it may be possible to see that the street in Question 2 is the same as on other cards in the group which have Question 3 answered.

If this is the case underline the missing distance. If it is not possible to do this leave the answers blank. The computer will then show this as a "no entry".

3. Question 4: If no answer is given assume that a passenger will walk a distance which is under $\frac{1}{2}$ mile from the station.

So, if "under $\frac{1}{2}$ mile" has been underlined in Question 3 underline "walked all the way" in Question 4.

If it is not possible to do this leave the answers blank.

4. Question 5: If unanswered leave blank.
5. Questions 6 and 7: The answers to these should be B.R. stations. The Waterloo and City Line is regarded as an "outward mode".

If Question 6 is answered as "Waterloo" and Question 7 as "Bank" the questions have been wrongly answered.

Where this occurs "Waterloo" is the answer to Question 7 and the journey from Waterloo to Bank should be shown as answer 5 (Waterloo & City Line) in Question 9.

Amend the card accordingly if necessary.

Remember that a legitimate change may have taken place before the passenger arrived at Waterloo. Do not eliminate these.

6. There must be an answer for Question 7. If there is not the card must be rejected and replaced from the appropriate 100 or 20 serial number pile.

The replacement card must be checked with the "window card".

7. Question 8: Only applies to passengers crossing London and travelling beyond.

In some cases the passenger may have answered this question if he was travelling into a Southern Region London terminus in order to change trains and leave again from the same terminus.

In such a case insert this as a change in Question 6 and also insert the final destination station as the answer to Question 7.

8. Question 9: This is also a "vital" question.

If it is unanswered you may be able to underline "Waterloo and City Line" if stage B (5) applies.

Alternatively, if Question 10 has been answered, underline "Underground" as the answer to Question 9.

If you cannot get an answer to Question 9 by these methods the card must be rejected and replaced. The replacement card must come from the appropriate "20 serial number" pile and be checked by the "window card".

9. Questions 11, 12 and 13 will already have been checked by the "window card" in Stage A.
10. If Question 14 is unanswered leave blank.
11. Question 15: If the "class" of ticket is unanswered underline Second Class. If "Season Ticket" and "return ticket" have both been answered, leave "Season Ticket" and, if possible rub out the "return ticket" answer.
12. Questions 16 and 17: If unanswered leave blank.
13. Some cards have a Question 18: (If unanswered leave blank).
14. Repeat procedure for each of the 5 groups of cards.

STAGE C

1. Place the 5 groups of 5 checked cards in a single pile. Secure with an elastic band and add a slip marked "sample" to indicate that these are the cards to be coded and "read" by D.R.S.
2. Secure the pile of rejected cards with an elastic band and check that each rejected card is marked with an "R".
3. Secure with an elastic band the remaining cards and mark the topmost card with a large U for unsampled in the top left hand corner.

Economic Survey Office,
WATERLOO

9 December 1971

K/G 871

THE GREAT RAILWAYS - SOUTHERN REGION

ORIGIN & DESTINATION SURVEY

SOUTH EASTERN DIVISION - CHARING CROSS/CANNON STREET SERVICES

23 MAY 1972

INSTRUCTIONS TO STATION MANAGERS

1. Purpose

The basic purpose of the survey is to update the information provided by passengers in a similar study extending over the whole Region which was successfully conducted in 1964. Passenger counts show how well our customers are using existing services. They do not demonstrate how suitable or otherwise present services really are. The survey besides having an obvious timetabling function can be used for many forward planning purposes.

For example the effect of diverting services from one London terminus to another or of establishing a different pattern of calls can be assessed in advance.

The survey can also be used to calculate car parking demand and the importance of bus interchanges at the 'home' end of the journey as well as the level and direction of transfer to the Underground and to L.T. buses etc. at the "destination" end of the journey.

Data provided by the last survey has been absolutely invaluable for planning purposes over the last few years. But changes are taking place all the time. It is now absolutely vital to get our information on the travel habits and requirements of passengers up to date.

2. Coverage

Almost all of the Central Division was surveyed in 1971. The remaining four stations, Bingham Road, Coombe Road, Selston and Tunbridge Wells West, plus the whole of the South Eastern Division and the South Western Division, excluding Warblington, Shalford and Merton Park (covered with Central Division) will be surveyed this Spring, on the following dates:-

25 April	-	S.W. Division	-	Exc Windsor Line Services
9 May	-	S.E. Division	-	Victoria/Holborn Viaduct Services
23 May	-	S.E. Division	-	Charing Cross/Cannon Street Services
6 June	-	S.W. Division	-	Windsor Line Services

3. Method

The basic survey method is by the distribution of a short questionnaire to passengers. They will be asked to complete them and return them either at special station collecting boxes or through the post (post free).

4. Distribution

Questionnaires should be issued to ALL JOINING PASSENGERS i.e. both UP and DOWN passengers passing through ticket barriers on TUESDAY 23 MAY from the FIRST SERVICE OF THE DAY UNTIL 15 00 HOURS. These cards are of different colours for different sections of line to assist sorting when returned.

Staff, school children and H.M. Forces personnel should all receive questionnaires in the normal way.

The only exception is that no questionnaire should be issued to any passenger in respect of children under the age of 3.

It is hoped that by ceasing card distribution at 15 00 we shall contact the majority of passengers but avoid contacting many twice. Should any passenger positively state that they have already received a card earlier in the day then since the card covers both outward and return journeys staff should not press a second card upon them.

It is important to realise that all statistical analysis of the results will be based on the number of cards issued. If a barrier is unmanned for any period and passengers join trains without receiving a questionnaire then that station will not be credited with those passengers in the final analysis since there will be no record of their having travelled.

Some few passengers will probably refuse even to accept a questionnaire. Others joining trains with seconds to spare will be more intent on catching their train than taking one. To ensure that each originating station is credited with the correct number of passengers each time this happens the card which should have been issued to that passenger should be put on one side, marked with a large 'R' in pencil to indicate a "refusal" in either case and passed via the Station Manager to the Economic Survey Office for record purposes. The setting aside of a card should be done as far as possible as each 'failure to contact' occurs not as a group at the end of the Morning Peak or turn of duty etc. which will upset the sampling procedures.

The questionnaires will be serially numbered. Although the sequence of numbers will have to be broken at many stations by dividing the questionnaires into two or more packs for distribution at separate barriers it will be of great assistance if the number of breaks in the numerical sequence is kept to a minimum.

The number of cards required have been calculated, based on recent passenger counts. A surplus of cards of each type has been printed which should cover normal daily variations in traffic levels.

However should the number of cards at any station appear to be running disturbingly low additional "Emergency" cards from a reserve stock can be obtained from a number of key stations on the system which are set out in the Appendix at the end of these notes together with appropriate telephone numbers.

Reserve cards should be called for from whichever key station can most quickly satisfy the requirement.

These reserves should be called upon in ample time to arrive before the existing stock is exhausted. Before issue, however, each reserve card which will not of course bear a station name should, if possible, be rubber stamped at the top with the station name.

Some passengers on returning to their "home" station in the evening many demand a card on the grounds that they failed to collect one on their outward journey. These should be issued on request without question.

However to assist the Economic Survey Office to identify these "late" issues the station name on these cards should be underlined in pencil by the ticket office. This is probably best done to a small batch of cards kept back especially for the purpose at 15 00 hours when cards cease to be issued.

Late issued cards should not be included in the record of cards issued which will be submitted on Form B (see below).

5. Collection

Completed questionnaires may be returned either by handing them in at most stations in the survey area or by post.

Boxes for the return of the completed questionnaires will be provided by Regional Headquarters. These should be in position at stations from commencement of service on the day of the Survey (9 May). They should remain in position until stations cease to be manned on Wednesday 17 May

The collecting boxes should be prominently displayed and should be under the surveillance of station staff at all times to minimise the risk of hooliganism and the loss of returned cards.

A special label has been prepared for display on the collecting boxes which will be distributed by Regional Headquarters.

Provision has been made for postal reply of the cards if passengers prefer, under the Business Reply Service direct to the Economic Survey Office at Waterloo. No stamps will be required.

6. Return

(a) Unissued Cards

Unissued cards should be parcelled securely and returned OCS REGISTERED to the Economic Survey Office using the WHITE labels provided the DAY AFTER DISTRIBUTION i.e. Wednesday 10 May. The 'refused' cards, separately batched, should also be included in this parcel.

(b) Completed Cards

The collecting boxes for the return of completed questionnaires should be cleared at intervals as necessary and the returned cards stored until Thursday, 18 May. The questionnaires should then be parcelled securely and forwarded OCS REGISTERED to the Economic Survey Office at Waterloo using the BLUE labels provided. (Empty collecting boxes, parcelled two boxes and two lids, to be sent to Economic Survey Office, Room 124, Waterloo)

7. Administration

(a) Receipt of Cards

Receipt of questionnaire cards and other survey material at each station should be acknowledged to the Economic Survey Office at Waterloo on the appropriate Form 'A' (pink) as soon as they are received. This is to ensure that each station receives its proper quota of cards.

(b) Record of Cards Issued

The record of questionnaire cards issued to passengers on 9 May 1972 (Form B) (blue) should be completed the day after issue and returned to the Economic Survey Office as soon as possible. Cards offered but refused should of course be included in the record of cards issued. The late issues (if any) should not be included in the record of cards issued since these passengers will already be covered in the record of a.m. "refusals".

(c) Record of Unissued Cards

The record of questionnaire cards printed for each station but which remain unissued on the day of the survey (Form C) (green) should also be completed and returned to the Economic Survey Office the day after the survey date.

Forms B and C should not be included in the parcels of returned cards, but sent under separate cover.

(d) Record of Spare Cards Despatched

This record is to be maintained and submitted by stations holding reserve supplies only. This form (Form D) (orange) will tell the E.S.O. to which stations reserve supplies were sent. Form D should be submitted with Forms B and C on the day after the survey.

8. Publicity

The study will be publicised in the local press and may also obtain some coverage in the nationals, B.B.C., I.T.V. and local radio.

A special poster has been prepared for station display which will be available by Monday 15 May. These should be placed, preferably on Loose Boards, in prominent positions and removed when stations become unmanned on 30 May (A paste over strip "Have you returned YOUR card?" will be provided and should be pasted across the poster on 24 May).

The questionnaires themselves bear a short message from the General Manager pointing out the purpose of the survey and the importance of a good response. They also offer travel prizes following a draw from correctly completed returned cards.

The collecting boxes with the special label provided will act as a reminder to passengers to return their cards during their 9-day period of 'exposure to view'.

Station staff themselves can help to obtain a good response rate - 75-80% is aimed at - by discreet reminders to regular passengers and local chalk notices.

9. Disruption of Service

Should a major incident occur on the day of the survey which seriously disrupts the service then a false picture will be given by the survey.

Notification of any major incident will be given in the normal way and questionnaires should continue to be given out until instructions are given to cease distribution. The time distribution ceases should be noted. Distribution will then recommence at that time probably one week later on instructions from the Economic Survey Office.

Any breakdown in distribution of questionnaires locally for whatever reason - the most likely being the late arrival of staff on duty - should be notified to the E.S.O. at Waterloo and necessary remedial action agreed.

Particular attention should be paid to seeing that lapses do not occur at the following periods -

- (a) The first service(s) of the day due to late arrival on duty.
- (b) At the end of the Morning Peak Period.
- (c) At 14 00 when the early turn goes off.

10. Conclusion

This is another D Day type of exercise. We get one chance to do it right.

The success of the operation depends entirely on the full co-operation of all staff taking part. It is important therefore, that the above instructions should be followed most carefully and that everything possible is done to encourage as many passengers as possible to return completed questionnaires.

Basically this is a very simple job. Attention to the detail above will ensure that it proceeds smoothly. The manner in which it is done is all the customer will see however. This is what will determine HIS response.

Economic Survey Office
Waterloo

K/G 871
February 1972

bw.

POINTS WARRANTING SPECIAL ATTENTION

- 1 Major incident occurring - card distribution to continue until instructions received to stop.
 2. Local incident - Station Managers to use their discretion as to whether passengers normal travel habits are disrupted to the extent that they are diverted to other services or routes. F.S.O. to be advised if distribution of cards is halted locally.
 3. Cards drawn from reserve stocks require stamping, if possible, with the name of the station of issue.
 4. Material for the conduct of the survey will be sent to the Station Manager at the parent station. It is the responsibility of Station Managers to ensure that all survey material is in the right place sufficiently early to avoid last minute crises.
 5. Cards should be accessible to the member of staff starting the survey off at each station. He must know where they are and be able to get at them
 6. Peaking will occur even at stations with a low level of traffic. Please ensure adequate card distributors are on duty, bearing in mind bus feeder traffic.
 7. The period of the survey is from the first service of the day until 15 00. This period is easily interpreted at most stations, but some difficulty may occur where there is an all night service. In this case, the time the train commenced its journey should be taken as the deciding factor, i.e. cards are to be distributed to any passenger joining a train which commenced its journey at 00 01 or after.
 - 8 Both the posters and cards themselves ask for replies to be made in pencil, if possible. The most important thing, however, is that they should be completed, if no pencil is available with whatever writing instrument is to hand
 9. Neither the most faultless planning nor blameless card distribution will give us a 100% response rate. As stated in the notes a great deal will depend on the attitude and spirit of our card distributors. Another factor in the response generated, however, is the number of cards rejected by other people that passengers see. Just as litter begets yet more litter so will discarded cards left lying about encourage later passengers to discard their card too
- It would be most helpful therefore, if station staff could remove discarded cards on platforms and in waiting rooms and buffets etc. and if special attention could be given to carriage cleaning at termini on this day
- 10 Regarding staff it is hoped that your expressed requirements will be met by the E.S.O before the day. Volunteers to assist will be sought from the B.R.B., G.M.O., D.H.O. and outside sources. We may find we have more volunteers than notified vacancies in which case it is intended to allocate any "overspill" on the basis of the amount of traffic handled and it would be appreciated if you would accept and usefully allocate any additional helpers that may be sent you.
 11. Any queries regarding the survey should be addressed to the Economic Survey Office at Waterloo, WATERLOO extensions 2750, 2022 or 2445

Economic Survey Office
WATERLOO

K/G.871
February 1972.

APPENDIX

RESERVE STOCKS OF CARDS

Station	Number of cards Available	Held at	Telephone No.
<u>Short Cards (17 Questions)</u>			
Woolwich Arsenal	1500	S.M.O.	Hither Green 8127
Dartford	1900	S.M.O.	Beckenham 7143
Sidcup	1300	S.M.O.	Beckenham 7106
Bexleyheath	1200	S.M.O.	Beckenham 7246
Elmers End	300	Ticket Office	Beckenham 2536
Grove Park	1000	S.M.O.	Hither Green 299
Lewisham	1000	S.M.O.	Hither Green 741
New Cross	1000	S.M.O.	Waterloo 3451
Orpington	1000	S.M.O.	Hither Green 347
<u>Long Cards (18 Questions)</u>			
Gravesend	400	S.M.O.	Chatham 2634
Strood	400	S.M.O.	Chatham 2267
Sevenoaks	800	S.M.O.	Tonbridge 283
Tonbridge	800	S.M.O.	Tonbridge 237
Ashford	510	S.M.O.	Ashford 2405
Tonbridge Wells Central	500	S.M.O.	Tonbridge 203
Hastings	400	S.M.O.	Hastings 234
Dover Priory	400	S.M.O.	Ashford 3382

NO POSTAGE IS REQUIRED RETAIN THIS PORTION TO CLAIM A TRAVEL PRIZE

IMPORTANT

PLEASE USE ONLY ONE POSSIBLE STOP OR DESTINATION
YOUR ANSWERS MUST BE CLEARLY WRITTEN IN CAPITAL LETTERS

1 What was the main purpose of your journey? (Please underline only one answer)

- 1) To or from work 2) On business other than to or from work 3) Shopping
4) Sport/Entertainment 5) To or from school/college as a student 6) Other purposes

2 From what address did you begin your journey?

Street
Village or Locality
Town or Postal District

3 How far is this from the station where you were handed this card?

- 1) Under 1/2 mile 2) 1/2-1 mile 3) 1-2 miles 4) 2-4 miles 5) 4-10 miles 6) Over 10 miles

4 How did you travel to this station? (Car drivers and passengers are also asked to give parking details)

- 1) Walked all the way 2) Cycle or Motorcycle 3) Red Arrow Bus 4) Other Bus/Coach
5) Waterloo and City Line 6) Underground 7) Taxi 8) Sea/Air
9) Car driver 10) Car passenger
a) Car then driven away
b) Car parked at station
c) Car parked near station off street
d) Car parked near station on street

5 What was the scheduled departure time of your train? (If unknown please give actual departure time)

1st change 2nd change a.m./p.m.

6 If you had to change from one B.R. train to another, please say where

7 What final B.R. station were you travelling to?

8 If your journey involved travelling through London and you crossed central London from one B.R. terminus to another, which two B.R. London termini did you use?

Only passengers crossing London and travelling beyond are asked to answer this question
I arrived at and departed from

9 How did you continue your journey onwards from your final B.R. station?
Passengers travelling beyond London are asked to state here instead how they travelled between the two B.R. London termini given in answer to Question 8

- 1) Walked all the way 2) Cycle or Motorcycle 3) Red Arrow bus 4) Other Bus/Coach
5) Waterloo and City Line 6) Underground 7) Taxi 8) Sea/Air 9) Car

10 If your mode of onward journey was by 'Underground' please say which London Transport station you travelled from and to and also where any change from one Underground train to another was necessary

From L.L. station
To L.L. station
Changing at L.L. station

11 What was your final destination? Please give the full address

Number and Street
Village or Locality
Town or Postal District

12 If you were handed this card on the way to work, school or college please state your normal hours

Starting at Finishing at

13 How long does it normally take you to get to your final destination after you have left your last B.R. train?

minutes

14 How long did your whole outward journey take?

hours

minutes

Class 1) First Class 2) Second Class

- Season Ticket 1) Yearly 2) 3 months or more 3) One month or more
4) Weekly 5) 5 day ticket 6) Staff

- Single Ticket 1) Full fare 2) Reduced fare 3) Staff 4) Other
Return Ticket 1) Full fare 2) Reduced fare 3) Staff 4) Other

16 How many cars does your family have regularly available for use?

- 1) None 2) One 3) Two 4) Three or more

17 If you made your return journey the same day please state

- (a) Your B.R. departure station
(b) The scheduled departure time of your train
(c) Your B.R. destination station
(d) Stations at which changes were made

1st change 2nd change a.m./p.m.

MAKE NO MARKS OR SMUDGES NEAR THESE RECTANGLES

2
3
4
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6
7
8
9
10
11
12

HELP US TO PLAN YOUR RAIL SERVICE

Travel requirements are continuously changing

Fewer people now live in London's inner suburbs while outer areas are still expanding

Fewer people now work in central London but many new jobs have been created on the outskirts in such places as Feltham, Twickenham, Putney and along the Great West Road. London Airport alone now employs over 50,000 people

The completion of London Transport's Victoria Line has also altered travel patterns within central London

Travel needs are thus much more diffuse and complex than they were even a few years ago

We need your help to stay abreast of these changes. The purpose of this questionnaire is to find out just what present requirements really are

Journeys to central London are of course of very great importance, but we are NOT solely concerned with commuter travel in this study. ALL travel requirements concern us and all will be carefully examined

To enable us to do the best we can for you in the future will you please complete this card and detach and return to us the reply paid portion containing your answers

All the information given will be treated as strictly confidential. We do not ask for your name or detailed address

Please make your replies in pencil if possible - our optical scanning machine reads pencil better than ink - but answers in ink are better than none at all

You should keep the 'question' half of the card. This contains a **DRAW NUMBER, WHICH MAY WIN YOU AN IMPORTANT RAIL TRAVEL PRIZE** - a pair of First Class Return Tickets to any mainland destination in Britain or if you prefer, £10 off your next Season Ticket

Cards may be returned using either one of the special station collecting boxes or by post (no stamp is needed)

Thank you for your help

POSTAGE
WILL BE
PAID BY
LICENSEE

BUSINESS REPLY SERVICE
Licence No. NM 922

Do not affix Postage Stamps or postage in
Great Britain, Channel Islands and the Isle of Man

THE GENERAL MANAGER
ROOM 823
BRITISH RAIL
LONDON MIDLAND REGION
LONDON HOUSE
LONDON NW 1 1YE

Re 1 2

