

## INTIS (Intermediate Ticket Issuing System)

The first station to be commissioned was Manchester Piccadilly on 2nd June 1981.

The machines were manufactured by Westinghouse and consisted of a unit with a keyboard and a display to show the details entered. A blank ticket was inserted in a slot on the right hand side and after printing emerged from a slot on the left hand side.

Tickets were credit card size with square corners, returns being double width but perforated at the centre. They were pre-printed with the destination station and separate prints were used for singles, returns and restricted validities. The machineprinted detail on the first line showed the class, ticket type, NLC of the issuing station, NLC of the destination and a three digit route code, which only appeared if a routing was pre-printed on the ticket. On the return portion of tickets, the two NLC's were transposed. The second line showed the status which was omitted on full fare adult tickets, date, ticket number, window number and region. The third line showed the issuing station and fare followed by the method of payment, M = cash, Q = cheque, W = warrant or X = credit card. These codes have been used on tickets from successive machines including APTIS. The machines were prone to print spurious characters in the issuing station name and region. Also the region was often replaced by the figure 7. Known station and region errors are listed except the '7' error. SSTIS machines used in Scotland were later converted to INTIS. All machines have now been replaced by APTIS. The first name shown in the list is the one used from the date of commissioning followed by the variations that appeared subsequently.

Note: Non ascii characters printed by the machines in error are identified by #

NLC	STATION	WINDOW No.	DATE
9965	ANDERSTON	1H	
5267	ANGMERING	1S	15-06-82
9961	ARGYLE ST	1H 2H	
	ARGYLE ST.	2H	
	ARGYLE STREET	2H	
	ARGYLE-ST	2H	
1492	AYLESBURY	1M 2M	03-08-81
4502	BANBURY	1M 2M	09-01-83
1512	BEDFORD MIDLAND	1M 2M 3M	14-04-82
	BEDFORD	1M 2M 3M	
	BEDFORD MHDLAND	1M	
	BEDFORD MID	1M 2M 3M	
	BEDFORD B R	1M	
	BEDFORD B.R	1M	
	BEDFORD B.R.	2M	
	BEDFORD BR	3M	
5211	BEXHILL	1S	27-04-82
1215	BIRMINGHAM INT	1M 2M	23-06-81
	B HAM INT	2M	
1127	BIRMINGHAM N ST	11M 12M 20M 21M 22M 23M 24M 25M	29-09-81
	BIRMINGHAM NS	11M	
	BIRMINGHAM NST	11M	
9620	BISHOPTON	1H	
1360	BLETCHLEY	1M 2M 3M	08-06-81
2599	BOLTON	1M 2M	20-07-81
	BOLTON (	2M	
9789	BRIDGETON	1H	
5268	BRIGHTON	1S 2S 3S 4S 5S 6S	15-05-82 Also 4E, 5T and 5= in error
	BNIGHTON	2S	
	BRGHTON	3S	
	BRIGHT#	2S	
	BRI#HTON	1S	
	BR#ON	1S	
	##IGHTON	4S	
5405	CARSHALTON	1S	14-09-82
5406	CSHALTON BEECHES	1S	24-08-82
	CSAHLTON BEECHES	1S	
	CSHALTON-BEECHES	1S	
9911	CHARING X GLAS	1H	
2412	CHESTER	1M 2M 3M	11-06-81
5255	CHICHESTER	1S 2S	16-11-82 Both machines were 2S on 10-04-87, also 2# in error
	CHICESTER	1S	
	CHICHESTRDR	1S	
1030	COVENTRY	1M 2M 3M 5M	16-05-83 Also 2K in error
1243	CREWE	1M 2M 3M	19-08-83
	CREWE#	2M	
5356	CRYSTAL PALACE	1S	22-06-82
9790	DALMARNOCK	1H	
1823	DERBY	1M 2M 3M	10-06-81
	DERBY 6	1M	
	DERBY #2	3M	

	DERBY <#	3M							
5357	DORKING	1S	2S						15-08-82 Also 2R in error
1542	ELSTREE	1M	2M						26-05-82
5360	EPSOM	1S	2S						09-11-82 Also 1T in error
1444	EUSTON	1M	2M	3M	4M	5M	6M		10-01-83
		7M	8M	9M	10M	11M	16M		
		17M	18M	19M	20M	21M	22M		
		23M	24M						
9914	EXHB CNTRE	1H							
9914	FINNIESTON	1H							Renamed Exhibition Centre 01-05-87
1532	FLITWICK	1M							19-05-82
9675	FORT MATILDA	1H							
5416	GATWICK AIRPORT	1S	2S	3S	4S	5S	6S		01-06-81
		7S	8S	9S	10S				
	GATWICK	3S	4S						
	GAOWICK AIRPORT	9S							
	GAT ICK AIRPORT	8S							
	GATEWICK AIPIORT	5S							
	GATICK AIRPORT	4S	8S						
	GATWICK A#RPORT	6S							
	GATWICK AIPIORT	6S							
	GATWICK AIRORT	9S							
	GATWICK# AIRPORT	7S							
	GATWICK AIRPRT	2S							
	GATWICK-AIRPORT	5S							
	GATWICKAIRPORT	1S							
9813	GLASGOW CTL	12H	13H	14H	16H	19H	20H		11H-17H Suburban T/O, 21H ML T/O,
		21H	22H	23H	25H	26H	27H		22H-29H T/C
		28H	29H						
	GLASGOW CENTRAL	1H	11H	12H	13H	14H	15H		
		16H	17H	20H	21H	22H	24H		
		25H	26H	27H	28H	29H	30H		
	GLASGOW-CENTRAL	24H							
	GLASGOW-CTL	20H							
9813	GLASGOW CTL L.L.	1H	2H	3H					
	GLASGOW CTL LL	2H							
9950	GLASGOW Q.ST	3H							
	GLASGOW QUEEN ST	1H	2H	3H	4H	5H	6H		Also 3G in error
		7H	8H	11H	12H				
9681	GREENOCK CTL	1H							
	GREENOCK CENTRAL	1H							
9682	GREENOCK WEST	1H							
6075	HADLEY WOOD	1E							21-01-83 Temporary installation, removed 22-05-83
1533	HARLINGTON	1M							19-05-82
1543	HARPENDEN	1M	2M						20-05-83 Also 2R in error
5490	HAYWARDS HEATH	1S	2S						29-11-81
	HATWARDS HEATH	2S							
	HAWARDS HEATH	1S							
	HAYWARD HEATH	1S							
	HAYWARDX HEATH	1S							
	HAYWARDY HEATH	1S							
	HAYWARES HEATH	1S							
1522	HENDON	1M							09-06-82
9630	HILLINGTON WEST	1H							-84
	HILLHNGTON WEST	1H							
6086	HITCHIN	1E							18-08-81 Also 7E in error
5309	HORSHAM	1S	2S						02-06-82
1427	KINGS CROSS MID	1M	2M						11-07-83
	KINGS X MID	1M	2M						
	KINGS X MIDLAND	1M							
9652	LANGBANK	1H							-01-84
1548	LEAGRAVE	1M	2M						28-04-82
4597	LEAMINGTON SPA	1M	2M						10-06-83
	LEAMINGTON #PA	2M							
1947	LEICESTER	1M	2M	3M	4M	5M			11-06-81
2246	LIVERPOOL L ST	1M	2M	3M	4M	5M	6M		16-06-81
	LIVDRPOOL L ST	5M							
	LIVERPOOL LST	5M							
	LIVE#POOL L ST	2M							
	L#VERPOOL L ST	3M							
	##VERPOOL L ST	4M							
	##### ST	1M							
6965	LIVERPOOL STREET	4E	5E	6E	7E	8E	12E		22-08-81
	LIVERPOOL ST	7E	8E						
	LIVERPOOL STQEET	4E							
6965	LIVERPOOL ST(ES)	2E	11E	12E	13E	14E			09-01-83 Also 14M in error



	#####	1S				
3172	SLOUGH	1W	2W	3W	4W	01-06-81
1268	STAFFORD	1M	2M			17-07-83
	STAFFORD #	1M				
9888	STIRLING	1H	2H	3H	4H	
2771	STOCKPORT	1M	2M			01-07-81
	STOCKPORT#	2M				
	ST#####	2M				
1314	STOKE ON TRENT	1M	2M			04-12-83
	STOKE TS TRENT	1M				
5383	STREATHAM	1S	2S			03-08-82
7640	SUNDERLAND	1E	2E			23-07-81
5385	SUTTON	1S	2S	3S		07-09-82
5491	THREE BRIDGES	1S	2S			30-11-82
	THREE BRIDGE	1S				
5392	WADDON	1S				11-08-82
8591	WAKEFIELD WEST	1E	2E			
5394	WALLINGTON	1S	2S			18-08-82
1402	WATFORD JCN	1M	2M	4M		27-07-83
	WATFORD	1M	2M			
	WATFORD CTN	1M				
	WATFORD JCN @	2M				
	WATFORD JCN.	1M				
	WATFORD JCT	1M	2M	3M	4M	
	WATFORD JCTN	2M				
	WATFORD JNC	1M	2M			
	WATFORD JUCTION	2M				
	WATFORD JUN	1M	2M	4M		
	WATFORD JUNC	2M				
	WATFORD JUNCTION	1M	2M	4M		
5411	WEST CROYDON	1S	2S			20-04-82 Also 2T in error
	ST#T CROYDON	1S				
1525	WEST HAMPSTEAD	1M				27-03-83
	WEST HAMPSTTEAD	1M				
1218	WOLVERHAMPTON	1M	2M	3M		06-11-83

**SPECIMEN TICKETS**

5631	GUILDFORD	1S				
5039		32S				

Card used had black printing  
 Red machine printing, location  
 unknown