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BRITISH RAILWAYS

(LONDON MIDLAND REGION)

CHESTER POWER SIGNAL BOX

SPECIAL NOTICE 50E.

NOTICE TO DRIVERS, GUARDS, SIGNALMEN AND OTHERS
CONCERNED RESPECTING THE COMMISSIONING OF CHESTER
POWER SIGNAL BOX 4TH, 5TH, 6TH AND 7TH MAY, 1984.

IMPORTANT - This Notice to be acknowledged immediately
on receipt to "Operating OD.14 Crewe" using
the code ARNO 50E.

Crewe
May, 1984.

D. J. MAIDMENT
CHIEF OPERATING MANAGER.

SIGNALLING RECORD SOCIETY

www.s-r-s.org.uk

DIGITAL ARCHIVE

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The enclosed diagram with list of signal routes shows details of the altered signalling in connection with the commissioning of the new Power Signal box at Chester, located adjacent to the down Warrington line between Chester station and Chester East Junction.

The new signal box will be commissioned in stages during the period 4th to 7th May, 1984, and the existing Chester No. 2, No. 3A, No. 4, No. 5 and No. 6 boxes will be progressively abolished as the commissioning proceeds.

During each stage, points and signals will be disconnected and trains hand-signalled as required. Further details of special working arrangements during Stage 2 and Stages 5 and 6 will be published in Section 'D' of the appropriate Weekly Operating Notices.

Stage 1 - 06 00 hrs Friday 4th May to 06 00 hrs Saturday 5th May.

During this stage, Chester No. 5 box will be abolished and the new signalling brought into use between Chester P.S.B. (signals CR.402 and CR.404) and Hooton, between Chester North Junction and Chester South Junction ("up and down" Fork line) and on the Diesel Depot Shunt Neck from signal CR.554. The "up and down" Fork line will however remain blocked at this stage.

Stage 2 - 06 00 hrs Saturday 5th May to 06 00 hrs Sunday 6th May.

During this stage, Chester No. 6 box will be abolished and the new signalling brought into use between Chester P.S.B. (signals CR.101, CR.114 and CR.116) and Mold Junction/Green Lane Crossing. The blockage of the "up and down" Fork line will be withdrawn.

Stage 3 - Commencing at 10 00 hrs Saturday 5th May.

This stage will involve the blockage of Platform 7, Down Through line, Up goods, Reception line and all sidings between Chester No. 4, No. 3A and No. 2 boxes. Chester No. 3A box will be abolished and trains will be routed via Platform 4, Down main or Platform 3. All movements to and from the Diesel Depot will be made at the Chester North Junction end.

Stage 4 - Commencing at 21 30 hrs. Saturday 5th May.

This stage will only affect No. 5 and No. 6 Bay lines which will be out of use between 21 30 hrs. Saturday 5th May and 10 00 hrs Sunday 6th May.

Stages 5 and 6 - Commencing at 03 45 hrs. Sunday 6th May.

This stage will affect the down and up main lines between Beeston Castle and Chester, the down and up Warrington lines between Chester and Mickle Trafford and Platforms 1, 2, 3 and 4, Down main line, Parcels platform and all sidings between Chester No. 2 and No. 4 boxes. The latter boxes will be abolished during this stage and the new signalling will be brought into use between Chester P.S.B. and Beeston Castle/Mickle Trafford at approximately 16 00 hrs. on Sunday 6th May.

Stages 5 and 6 - Commencing at 03 45 hrs. Sunday 6th May. (Continued).

At approximately 18 00 hrs. on Sunday 6th May, the new signalling in the Chester station area (Platform 7, Down Through line, Up and down goods line, Reception line and all sidings) will be brought into use.

The new signalling on Platforms 1, 2, 3 and 4, Parcels platform and Down main line will be brought into use at approximately 12 00 hrs. Monday 7th May.

General.

All signals controlled from Chester Power box will have their numbers prefixed by the letters 'CH' and telephones will be provided at all main running signals capable of displaying a Red aspect.

A.W.S. track equipment will be provided on all running lines except in the Chester station area between Chester East Junction and Chester West Junction.

Tattenhall emergency ground frame will be electrically released from Chester P.S.B.

Rules and Regulations.

The Track Circuit Block System will apply throughout the territory controlled from Chester P.S.B. and on the down and up lines between the new box and the following "Fringe" boxes:-

Beeston Castle and Tarporley

Mickle Trafford.

Hooton

Mold Junction.

Green Lane Crossing.

LIST OF ROUTES ON MAIN RUNNING SIGNALS AND POSITION LIGHT SHUNTING
SIGNALS READING TO ALTERNATIVE ROUTES IN THE CHESTER P.S.B. AREA

SIG No.	ASPECT	IND	ROUTE SET
	PL	PCL	PARCELS PLATFORM
	MAIN	B1	PLATFORM 1
	PL	B1	PLATFORM 1 (P)
	MAIN	3	PLATFORM 3
	PL	3	PLATFORM 3 (P)
	PL	-	PLATFORM 3 *
	MAIN	M	UP & DOWN MAIN
	PL	M	UP & DOWN MAIN (PF)
	PL	-	UP & DOWN MAIN *
	MAIN	4	PLATFORM 4
	PL	4	PLATFORM 4 (P)
	PL	-	PLATFORM 4 *
	MAIN	B5	PLATFORM 5
	PL	B5	PLATFORM 5 (P)
	MAIN	B6	PLATFORM 6
	PL	B6	PLATFORM 6 (P)
	MAIN	7	PLATFORM 7
	PL	7	PLATFORM 7 (P)
	PL	-	PLATFORM 7 *
	MAIN	G	UP & DOWN GOODS
	PL	REC	RECEPTION LINE
	PL	SDG	GOODS WAREHOUSE

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	PL	PCL	PARCELS PLATFORM
	MAIN	B1	PLATFORM 1
	PL	B1	PLATFORM 1 (P)
	MAIN	3	PLATFORM 3
	PL	3	PLATFORM 3 (P)
	PL	-	PLATFORM 3 *
	MAIN	M	UP & DOWN MAIN
	PL	M	UP & DOWN MAIN (PF)
	PL	-	UP & DOWN MAIN *
	MAIN	B5	PLATFORM 5
	PL	B5	PLATFORM 5 (P)
	MAIN	B6	PLATFORM 6
	PL	B6	PLATFORM 6 (P)
	MAIN	7	PLATFORM 7
	PL	7	PLATFORM 7 (P)

2

SIG No.	ASPECT	IND	ROUTE SET
32	PL	-	PLATFORM 7
	MAIN	T	DOWN THROUGH
	PL	REC	RECEPTION LINE

56 & 58	PL	NCK	SHUNT NECK
	MAIN	D	DOWN WARRINGTON
	PL	-	DOWN WARRINGTON
	MAIN	M	UP MAIN
	PL	-	UP MAIN
	PL	XDM	DOWN MAIN L.O.S.

68 72 74 78 84 86 88	MAIN	D	DOWN WARRINGTON
	PL	-	DOWN WARRINGTON
	MAIN	M	UP MAIN
	PL	-	UP MAIN
	PL	XDM	DOWN MAIN L.O.S.

76	MAIN	-	UP MAIN
	PL	-	UP MAIN
	PL	XDM	DOWN MAIN L.O.S.

81	MAIN	-	PLATFORM 3
	PL	3	PLATFORM 3 (P)

83	MAIN	3	PLATFORM 3
	PL	3	PLATFORM 3 (P)
	MAIN	M	UP & DOWN MAIN
	PL	M	UP & DOWN MAIN (PF)
	PL	-	UP & DOWN MAIN *

85	MAIN	M	DOWN MAIN
	PL	-	DOWN MAIN
87 & 89	MAIN	F	UP FAST
	PL	-	UP FAST
89	MAIN	B	DOWN BIRKENHEAD
	PL	-	DOWN BIRKENHEAD

BY

PL - POSITION LIGHT

(P) & (PF) - PERMISSIVE WORKING

* SHUNTING MOVEMENT

LIST OF ROUTES ON MAIN RUNNING SIGNALS AND POSITION LIGHT SHUNTING
SIGNALS READING TO ALTERNATIVE ROUTES IN THE CHESTER P.S.B. AREA

SIG No.	ASPECT	IND	ROUTE SET
91	MAIN	F	UP FAST
	PL	-	UP FAST
	MAIN	B	DOWN BIRKENHEAD
	PL	-	DOWN BIRKENHEAD
93 95 & 97	MAIN	S	UP SLOW
	PL	-	UP SLOW
	MAIN	B	DOWN BIRKENHEAD
	PL	-	DOWN BIRKENHEAD
94	PL	SDG	DEPOT
	MAIN	M	UP & DOWN MAIN
	MAIN	3	PLATFORM 3
101	PL	3	PLATFORM 3 (P)
	MAIN	POS 1	DOWN SLOW
	PL	-	DOWN SLOW
	MAIN	-	DOWN FAST
103 105 & 107	PL	-	DOWN FAST
	MAIN	-	DOWN FAST
	PL	-	DOWN FAST
	PL	XUF	UP FAST L.O.S.
106	PL	XUS	UP SLOW L.O.S.
	PL	SDG	HEAD SHUNT
	PL	REC	RECEPTION LINE
	MAIN	G	UP & DOWN GOODS
	PL	-	UP & DOWN GOODS
	MAIN	7	PLATFORM 7
	PL	7	PLATFORM 7 (P)
PL	-	PLATFORM 7 *	
109	MAIN	-	DOWN SLOW
	PL	-	DOWN SLOW

SIG No.	ASPECT	IND	ROUTE SET
114 & 402	PL	REC	RECEPTION LINE
	MAIN	G	UP & DOWN GOODS
	MAIN	7	PLATFORM 7
	PL	7	PLATFORM 7 (P)
	PL	-	PLATFORM 7 *

116	MAIN	4	PLATFORM 4
	PL	4	PLATFORM 4 (P)
	PL	-	PLATFORM 4 *
	MAIN	M	UP & DOWN MAIN
	MAIN	3	PLATFORM 3
	PL	3	PLATFORM 3 (P)
	PL	-	PLATFORM 3 *
117	MAIN	B2	PLATFORM 2
	PL	B2	PLATFORM 2 (P)

117	MAIN	POS 1	UP WREXHAM
	MAIN	-	DOWN MAIN

122	MAIN	POS 1	UP & DOWN FORK
	MAIN	-	UP SLOW
	MAIN	POS 4	UP FAST

124	MAIN	POS 2	UP & DOWN FORK
	MAIN	POS 1	UP SLOW
	MAIN	-	UP FAST

132	MAIN	POS 1	UP SLOW
	MAIN	-	UP FAST

401	MAIN	G	DOWN GOODS LOOP
	PL	-	DOWN GOODS LOOP
	MAIN	-	DOWN BIRKENHEAD
	PL	-	DOWN BIRKENHEAD
	PL	SDG	HEAD SHUNT

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PL - POSITION LIGHT (P) - PERMISSIVE WORKING * SHUNTING MOVEMENT

LIST OF ROUTES ON MAIN RUNNING SIGNALS AND POSITION LIGHT SHUNTING SIGNALS READING TO ALTERNATIVE ROUTES IN THE CHESTER P.S.B. AREA

SIG No.	ASPECT	IND	ROUTE SET
403 & 405	MAIN	POS 1	DOWN GOODS LOOP
	PL	-	DOWN GOODS LOOP
	MAIN	-	DOWN BIRKENHEAD
	PL	-	DOWN BIRKENHEAD
	PL	SDG	HEAD SHUNT

404	PL	REC	RECEPTION LINE
	MAIN	G	UP & DOWN GOODS
	MAIN	7	PLATFORM 7
	PL	7	PLATFORM 7 (P)
	PL	-	PLATFORM 7 *
	MAIN	4	PLATFORM 4
	PL	4	PLATFORM 4 (P)
	PL	-	PLATFORM 4 *
	MAIN	M	UP & DOWN MAIN
	PL	-	UP & DOWN MAIN
	MAIN	3	PLATFORM 3
	PL	3	PLATFORM 3 (P)
	PL	-	PLATFORM 3 *
	MAIN	B2	PLATFORM 2
	PL	B2	PLATFORM 2 (P)

408	PL	SDG	UP SIDING
	MAIN	-	UP BIRKENHEAD
	MAIN	DB	DOWN BIRKENHEAD
	PL	-	DOWN BIRKENHEAD
	MAIN	FK	UP & DOWN FORK
	PL	-	UP & DOWN FORK
	PL	SDG	ENGINEERS SIDING

412	MAIN	-	UP BIRKENHEAD
	PL	-	UP BIRKENHEAD
	MAIN	POS 4	DOWN BIRKENHEAD
	MAIN	POS 5	UP & DOWN FORK
	PL	SDG	ENGINEERS SIDING

SIG No.	ASPECT	IND	ROUTE SET
527	PL	DM	DOWN MAIN
	PL	4	PLATFORM 4
	PL	D	DOWN WARRINGTON

528	PL	DM	DOWN MAIN
	PL	B5	PLATFORM 5
	PL	B6	PLATFORM 6
	PL	7	PLATFORM 7
	PL	G	UP & DOWN GOODS
	PL	REC	RECEPTION LINE
	PL	SDG	GOODS WAREHOUSE

529	PL	G	UP & DOWN GOODS
	PL	REC	RECEPTION LINE
	PL	SDG	GOODS WAREHOUSE

532	PL	PCL	PARCELS PLATFORM
	PL	B1	PLATFORM 1
	PL	3	PLATFORM 3
	PL	M	UP & DOWN MAIN

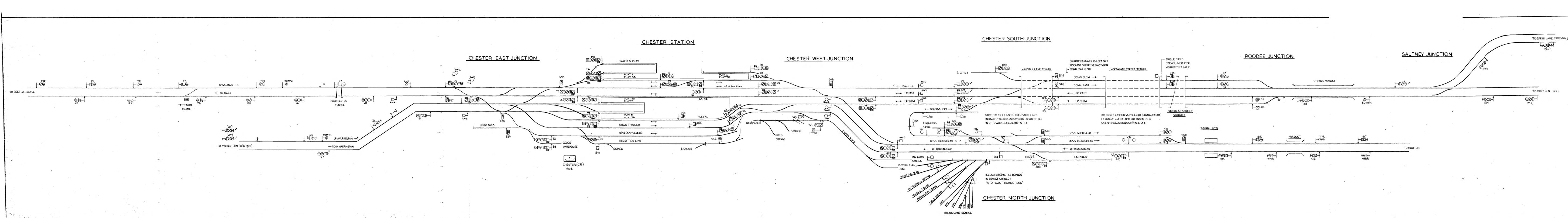
542	PL	S	UP SLOW
	PL	B	DOWN BIRKENHEAD
	PL	SDG	DEPOT

546	PL	M	UP & DOWN MAIN
	PL	3	PLATFORM 3
	PL	B2	PLATFORM 2

548	PL	FK	UP & DOWN FORK
	PL	US	UP SLOW
	PL	UF	UP FAST
	PL	DM	DOWN MAIN

KEY

PL - POSITION LIGHT (P) - PERMISSIVE WORKING * SHUNTING MOVEMENT



- EXPLANATION OF SIGNALLING SYMBOLS**
- SIGNAL BOX PREFIX**
 CR - CHESTER P.S.B.
 GL - GREEN LANE CROSSING
 MJ - MOLD JUNCTION
 MT - MIDDLE TRAFFORD
- MAIN RUNNING SIGNALS**
 ROUTE INDICATOR: [Symbol] → LUNCTION INDICATOR
 ROUTE INDICATOR FOR PROCEED INDICATION: [Symbol] → POSITION LIGHT SIGNAL NORMALLY OUT FOR PROCEED INDICATION
 POSITION LIGHT SIGNAL: [Symbol] → BANNER REPEAT SIGNAL
 POSITION LIGHT SHUNT SIGNAL: [Symbol] → POSITION LIGHT SHUNT SIGNAL SHOWING ONE WHITE & ONE WHITE LIGHT HORIZONTALLY FOR NORMAL INDICATION & TWO WHITE LIGHTS INCLINED AT 45° FOR PROCEED INDICATION
- ROUTING SIGNALS**
 POSITION LIGHT SIGNAL: [Symbol] → POSITION LIGHT SIGNAL NORMALLY OUT FOR PROCEED INDICATION
 POSITION LIGHT SHUNT SIGNAL: [Symbol] → POSITION LIGHT SHUNT SIGNAL SHOWING ONE WHITE & ONE WHITE LIGHT HORIZONTALLY FOR NORMAL INDICATION & TWO WHITE LIGHTS INCLINED AT 45° FOR PROCEED INDICATION
- MISCELLANEOUS**
 COMMENCEMENT OF AWS GAP: [Symbol]
 TERMINATION OF AWS GAP: [Symbol]
 ADVANCE WARNING BOARD PSR: [Symbol]
 PERMANENT SPEED RESTRICTION: [Symbol]
 AUTOMATIC SIGNAL: [Symbol]
 SEMI-AUTOMATIC SIGNAL: [Symbol]
- OTHER SYMBOLS**
 HAND POINTS: [Symbol]
 CATCH POINTS: [Symbol]
 SPRING POINTS: [Symbol]