

C. J. Woolstenholmes,

Signal Instruction  
No. 28 S.E.D.



**British Rail**

**Southern**

**SOUTH EASTERN DIVISION**

Instructions to all concerned as to  
**INTRODUCTION OF COLOUR LIGHT SIGNALS BETWEEN  
LEWISHAM AND WELLING; WESTCOMBE PARK AND PLUMSTEAD;  
BLACKHEATH AND CHARLTON**  
(in place of existing semaphore and colour light signals)

**AND**

**ABOLITION OF BLACKHEATH 'A', BLACKHEATH 'B',  
ELTHAM (WELL HALL), CHARLTON, SAND STREET CROSSING  
AND WOOLWICH ARSENAL SIGNAL BOXES AND REDUCTION  
OF CHARLTON LANE CROSSING SIGNAL BOX TO A GATE BOX**

**ALSO**

**INTRODUCTION OF TRACK CIRCUIT BLOCK WORKING  
BETWEEN NORTH KENT EAST JUNCTION AND  
ST. JOHNS SIGNAL BOXES (VIA GREENWICH); ST. JOHNS AND  
PLUMSTEAD AND ST. JOHNS AND WELLING SIGNAL BOXES**

**ON**

**SUNDAY, 15th MARCH, 1970**

Rules 77, 78, 79 and 80 to be observed. Drivers to keep a good look-out for hand signals.

Commencing at 00 05 on **Sunday, 15th March, 1970** 4 aspect colour light signals will be brought into use in place of existing semaphore and colour light signals, together with track circuit block working.

Charlton Lane Crossing signal box will be converted to a gate box and will continue to control the level crossing gates.

New controlled signals will be fitted with a plate bearing prefix letters and numbers, the letters indicate the signal box from which they are controlled as follows:—

<b>Signal Box</b>	<b>Prefix Letters</b>
St. Johns	L
Welling	WL
Plumstead	PD
Charlton Lane Crossing	CL

Automatic stop signals will be prefixed by the letter A.

Certain of the new colour light signals will until further notice operate as 2 or 3 aspect signals, the aspect out of use being obliterated.

Telephones will be provided at or adjacent to the new signals and certain other locations as indicated on the enclosed diagram, the prefix letter indicating the signal box to which they communicate.

The two telephones at automatic signals A414 and A416 (down Greenwich line) will be in direct communication with St. Johns signal box.

Lamps which flash with a white light to call the attention of the Technician will be fixed to certain apparatus cases in the area.

Full details of the new signalling are shown on the enclosed diagram.

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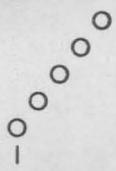
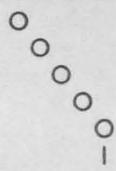
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-  = JUNCTION INDICATOR - Rule 35(e)
  -  = GREEN ASPECT
  -  = YELLOW ASPECT
  -  = RED ASPECT
- } Rule 35(b)(i) and Rule 43
-  = ROUTE INDICATOR (Numeral indicates total number of routes)
  -  = POSITION LIGHT SUBSIDIARY SIGNAL (Draw ahead) - Rule 35(b)(iii) and Rule 44A.  
(Normally out-proceed aspect is two white lights at 45°)
  -  = BANNER REPEATING SIGNAL - Rule 42
  -  = Denotes AUTOMATIC SIGNAL - Rule 35(c)(i)
  -  = Denotes SEMI-AUTOMATIC SIGNAL - Rule 35(c)(ii)
  -  = A.W.S. INDUCTOR
  -  = TELEPHONE
  -  = POSITION LIGHT SHUNTING SIGNAL - Rule 35(b)(iii) and Rule 47  
(Normal indication - one red light on left and one white light on right in horizontal position.  
Proceed indication - Two white lights at 45°)
  -  Y = As above but with YELLOW light instead of red light
  -  = LIMIT OF SHUNT INDICATOR
  -  = SIGNAL BOX
  -  = GROUND FRAME
  -  R.B.C. = RETURN BELL COMMUNICATION PLUNGER
  -  T.R.T.S. = TRAIN READY TO START PLUNGER
  -  = PLATFORM STARTING SIGNAL "OFF" INDICATOR
  -  = "DIAMOND" SIGN - Rule 55
  -  = NOTICE BOARD OR SIGNAL WHICH IS FLOODLIT DURING DARKNESS.
  -  = KLAXON HORN

ALL DISTANCES IN YARDS.

LIST OF SIGNAL APPLICATIONS  
**BLACKHEATH, ANGERSTEIN JN. AND CHARLTON**

Signal No.	Type R—Running S—Subsidiary	Indication	Application
100	R	Nil	Along down North Kent line.
	R		From down North Kent line to down Bexleyheath line.
106	R	Nil	From Angerstein Wharf to down North Kent line.
	S	Nil	From Angerstein Wharf to up North Kent line.
107	R	Nil	Along up North Kent line.
	S	Nil	From up North Kent line to Angerstein Wharf.
113	R		Along up North Kent line.
	R	Nil	From up North Kent line to up Greenwich line.
150	S	Nil	Shunting along Angerstein Wharf line.
151	S	Nil	Shunting from down North Kent line to Angerstein Wharf.

1 Albemarle Road,  
 Beckenham.  
 February 1970

(R/Z. 455/123)

**D. S. BINNIE**  
 Divisional Manager

