

Asst. G. ...
27 FEB 1970
WATERLC



Signal Instruction
No. 30 S.W.D.

SOUTHERN REGION—SOUTH WESTERN DIVISION

**Instructions to all concerned as to
BRINGING INTO USE NEW PANEL SIGNAL BOX AT SURBITON
ALSO
COMPLETION OF COLOUR LIGHT SIGNALLING WITHIN THE AREA
SURBITON, COOKS CROSSING, HAMPTON COURT AND WALTON-
ON-THAMES AND ASSOCIATED TRACK ALTERATIONS TOGETHER
WITH TRACK CIRCUIT BLOCK WORKING THROUGHOUT,
ALSO ABOLITION OF
SURBITON, ESHER AND HAMPTON COURT JUNCTION SIGNAL
BOXES AND THE REDUCTION OF HAMPTON COURT AND COOKS
CROSSING SIGNAL BOXES TO GATE BOXES
ON
SUNDAY, 1st MARCH, 1970**

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

Commencing at 00 15 on **Sunday, 1st March, 1970**, the new panel signal box known as Surbiton will be brought into use, situated on the down side and approximately 250 yards nearer Walton-on-Thames than the existing signal box which will be put out of use.

Esher and Hampton Court Junction signal boxes will be abolished, and colour light signalling with track circuit block working will be introduced between Surbiton, Guildford and Walton-on-Thames.

Hampton Court signal box will be reduced to a gate box, releasing signals in that area.

Cooks Crossing Signal box will be reduced to a gate box, controlling the signal protecting the crossing in each direction.

At Hampton Court Junction new crossovers between down fast and down slow lines, and up slow and up fast lines, previously clipped and padlocked out of use, will be brought into use.

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Controlled signals will be fitted with a plate bearing prefix letter/s and a number, the letter/s indicating the signal box from which they are controlled as follows:—

Signal Box	Prefix Letters
Surbiton	S
Walton-on-Thames	WDM
Cooks Crossing (Gate box)	CK

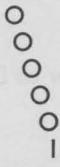
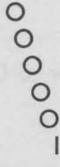
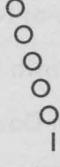
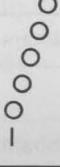
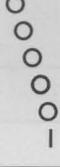
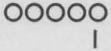
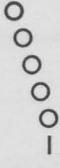
Automatic stop signals will be prefixed by the letters WA.

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

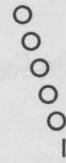
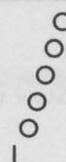
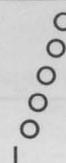
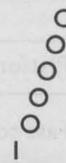
Lamps which flash with a white light to call the attention of the Technician, will be fixed to certain apparatus cases in the area.

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

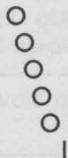
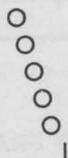
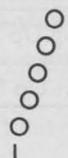
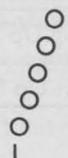
SURBITON SIGNAL APPLICATIONS

Signal No.	Type R—Running S—Subsidiary	Indication	Application
2	R		From Down Fast to Down Slow Platform
	R	Nil	Along Down Fast
4	R		From Down Slow to Down Platform Loop
	R	Nil	Along Down Slow
10	R		From Down Slow to Down Hampton Court Branch
	R	Nil	Along Down Slow
	R		From Down Slow to Down Fast
12	R		From Down Platform Loop to Down Hampton Court Branch
	R	Nil	From Down Platform Loop to Down Slow
14	R		From Down Fast to Down Cobham Branch
	R		From Down Fast to Down Slow
	R	Nil	Along Down Fast

SURBITON SIGNAL APPLICATIONS

Signal No.	Type R—Running S—Subsidiary	Indication	Application
	R		From Down Slow to Down Cobham Branch
16	R	Nil	Along Down Slow
	R		From Down Slow to Down Fast
	R	2	From Down Line to No. 2 Road
	R	1	From Down Line to No. 1 Road
18	S	D	Shunting from Down Line to Down Siding
	S	2	Draw-ahead from Down Line to No. 2 Road
	S	1	Draw-ahead from Down Line to No. 1 Road
	S	U	Shunting from Down Line to Up Siding
	R	Nil	From Up Cobham Branch to Up Slow
41	R		From Up Cobham Branch to Up Fast
	R	Nil	Along Up Slow
43	R		From Up Slow to Up Fast

SURBITON SIGNAL APPLICATIONS

Signal No.	Type R—Running S—Subsidiary	Indication	Application
53	R		From Up Fast to Up Slow
	R	Nil	Along Up Fast
	S		Draw-ahead from Up Fast to Up Slow
	S	F	Draw-ahead along Up Fast
55	R		Along Up Slow
	R		From Up Slow to Up Fast
107	S	Nil	Shunting from Up Siding to Up Line
108	S	Nil	Shunting from Up Line to Down Siding or to No. 2 Road or to No. 1 Road or to Up Siding
109	S	Nil	Shunting from Down Siding to Up Line
110	S	Nil	Shunting from Down Siding to Down Hampton Court Branch or to Down Slow
111	S	Nil	Shunting from Down Slow to Up Slow or to Up Fast or back along Down Slow or to Down Platform Loop or to Down Siding
112	S	Nil	Shunting from Up Slow to Down Hampton Court Branch or to Down Slow or to Up Fast
113	S	Nil	Shunting from Down Hampton Court Branch to Up Slow or to Up Fast or to Down Slow or to Down Platform Loop or to Down Siding

SURBITON SIGNAL APPLICATIONS

Signal No.	Type R—Running S—Subsidiary	Indication	Application
114	S	Nil	Shunting from Up Fast to Down Hampton Court Branch or to Down Slow or back along Up Fast
116	S	Nil	Shunting from Up Slow Back Along Up Slow or to Up Siding
117	S	Nil	Shunting from Up Siding to Up Slow
118	S	Nil	Shunting from Up Fast back along Up Fast or to Up Slow

HAMPTON COURT GROUND FRAME

Signal No.	Type R—Running S—Subsidiary	Indication	Application
12	S	Nil	Shunting along Up Line or to Up Siding
14	S	Nil	Shunting from Up Siding to Up Line

-  = 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.
 -  = SPRING TRAILING POINTS

ALL DISTANCES IN YARDS.

