

C. J. Woods Terbolmes,

# British Railways

SOUTHERN REGION

Signal Instruction  
No. 7 S.W.D.

SOUTH WESTERN AND CENTRAL DIVISIONS

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Instructions to all concerned as to

## INTRODUCTION OF COLOUR LIGHT SIGNALS BETWEEN MOTSPUR PARK AND EPSOM

(in place of certain existing semaphore running signals)

AND

## ABOLITION OF EXISTING WORCESTER PARK AND EWELL WEST SIGNAL BOXES

ON

**SUNDAY, 27th FEBRUARY, 1966**

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

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Commencing at 23 30 on Saturday, 26th February, 1966, colour light signals will be brought into use in place of certain existing semaphore running signals between the above-mentioned points.

The existing Worcester Park and Ewell West signal boxes will be abolished.

**Full details of the new signalling are shown on the diagram enclosed with this Instruction.**

A plate bearing the prefix letters and the number of the signal will be fixed beneath each colour light stop signal. The prefix letters will denote the signal box which operates the signal as follows:—

Prefix letters	Signal box
" WT "	Motspur Park
" CBF "	Epsom

Automatic stop signals will be prefixed by the letters "WA."

The new colour light running signals will consist of two, three or four aspects and will be known as automatic or controlled signals, as explained below:—

Automatic signals are those which are not worked from a signal box and are controlled by track circuits only.

Controlled signals are those which are always controlled from a signal box and are also controlled by track circuits.

The red aspect in the new two, three or four aspect colour light signals will vary between 9 feet and 12 feet 6 inches above rail level.

The new colour light running signals will be replaced to Danger after the front of the train has passed a distance varying from 15 yards to 400 yards beyond the signal.

#### SUBSIDIARY SIGNALS

Elevated subsidiary signals of the " position light type " will be provided beneath Epsom Down Waterloo Starting signal (CBF 52) and Down Victoria Starting signal (CBF 56), as shown on the enclosed diagram.

#### ROUTE INDICATORS

Route indicators will be provided to work in conjunction with the " position light type " subsidiary signals situated beneath signals CBF 52 and CBF 56 and will apply as indicated on the enclosed diagram.

#### TELEPHONES

Telephones will be provided at or adjacent to certain signals as indicated on the enclosed diagram. On lifting the handset at these telephones, a high-pitched Interrupted ringing tone will be heard in the receiver indicating that the signal box is being called and this will continue until the signaller answers. Absence of this tone is to be treated as a failure of the telephone.

The existing telephones at signals CBF 9 and CBF 51 will not have this facility at present.

Attention is drawn to the instructions headed " Telephones at Stop Signals " on page 63 of the General Appendix to Working Timetables and books of Rules and Regulations, also the instructions headed " Telephones at Stop Signals—Rule 55 (g) (i) " on page 145 of the Western Section Appendix to the Working Timetable and Books of Rules and Regulations (as shown in Supplementary Operating Instructions No. 14) and to the instructions headed " Telephones at Stop Signals " on pages 151 and 152 of the Western Section Appendix to the Working Timetable and Books of Rules and Regulations (as amended in Supplementary Operating Instructions No. 14 and Section " D " of the current Engineering Works Notice) and on pages 105 and 106 of the Central Section Appendix to the Working Timetable and Books of Rules and Regulations (as amended in Supplementary Operating Instructions No. 14 and Section " D " of the current Engineering Works Notice).

#### SHUNTING SIGNAL

The shunting signal at Worcester Park ground frame will be floodlit and will not show a red, yellow or green light during darkness.

#### EMERGENCY DETONATOR PLACER

A co-acting emergency detonator placer will be provided as shown on the enclosed diagram. Attention is drawn to the instruction applicable to these machines appearing on page 67 of the General Appendix to the Working Timetables and books of Rules and Regulations.

#### WORCESTER PARK

A new three lever ground frame, electrically released from Motspur Park signal box, will be provided on the down side of the line adjacent to and controlling the trailing crossover between down and up lines.

# SIGNAL APPLICATIONS

## MOTSPUR PARK

Signal No.	Type R = Running	Indication	Application
3	R	Nil	Down Main Starting.
	R		Down Main to Down Branch Starting.
6	R	Nil	Down Main Advanced Starting.
6R	R	Nil	Repeater for No. 6.
12	R	Nil	Up Main Inner Home.
13	R	Nil	Up Main 1st Outer Home.
17	R	Nil	Up Main 2nd Outer Home.

## WORCESTER PARK GROUND FRAME

Signal No.	Type S = Subsidiary	Indication	Application
3	S	Nil	Shunting from Down Main to Up Main.

## EPSOM

Signal No.	Type R = Running S = Subsidiary	Indication	Application
5	R		Up Waterloo Home.
	R	Nil	Up Victoria Home.
6	R	Nil	Up Waterloo Starting.
10	R	Nil	Up Victoria Starting.
11	S	Nil	Shunting from Down Siding to Down Victoria, or No. 1 Dock, or No. 2 Dock.
12	R	Nil	Down Victoria to Up Victoria Starting.
13	R	Nil	Up Victoria Advanced Starting.
14	S	Nil	Shunting from Down Line to Up Waterloo, or Up Victoria, or back along Down Line.
16	S	Nil	Shunting from Up Siding to Up Waterloo, or Up Victoria, or Down Line.
18	S	Nil	Shunting from Up Waterloo to Down Line, or Up Siding.
21	S	Nil	Shunting from Down Siding to Down Line, or along Down Siding.

EPSOM—continued

Signal No.	Type R = Running S = Subsidiary	Indication	Application
24	S	Letter D	From Down Waterloo to Down Siding.
	S	Letter U	From Down Waterloo to Up Siding.
26	S	Letter D	From Down Victoria to Down Siding.
	S	Letter U	From Down Victoria to Up Siding.
28	S	Nil	Shunting from Down Line to Up Victoria, or Down Waterloo, or Down Victoria, or No. 1 Dock, or No. 2 Dock.
32	S	Nil	Shunting from No. 1 Dock to Down Siding, or Down Line, or Up Siding.
33	S	Nil	Shunting from No. 2 Dock to Down Siding, or Down Line, or Up Siding.
38	S	Nil	Shunting from Up Victoria to Down Siding, or Down line via points 15 or 37, or Up Siding.
40	S	Nil	Shunting from Down Waterloo to Up Waterloo, or Up Victoria Line.
48	S	Nil	Shunting from Up Victoria to Down Victoria, or Down Waterloo, or back along Up Victoria Line.
49	S	Nil	Shunting from Up Waterloo to Down Waterloo, or back along Up Waterloo Line.
51	R	Nil	Epsom Common Intermediate Down Home.
52	R	Nil	Down Waterloo Starting.
53	R	Nil	Down Waterloo Home.
56	R	Nil	Down Victoria Starting.
57	R	Nil	Down Victoria Inner Home.
58	R	Nil	Down Victoria Outer Home.
59	R	Nil	Down Victoria Inner Distant.
60	R	Nil	Down Victoria Outer Distant.

On completion of the work shown herein, Track Circuit Block Working will apply on the Down and Up lines between Motspur Park and Epsom.

G. A. WEEDEN,  
Divisional Manager,  
EAST CROYDON.

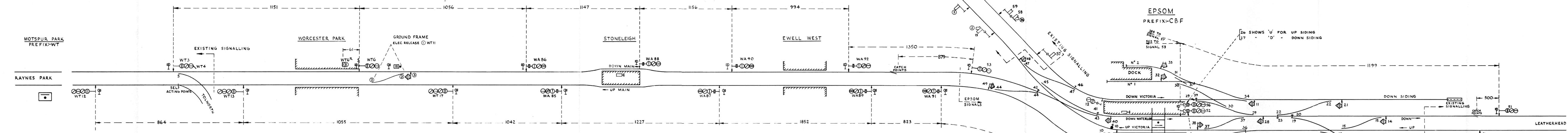
(R/SB/130/3)

Wimbledon,  
February, 1966

F. P. B. TAYLOR,  
Divisional Manager,  
WIMBLEDON.

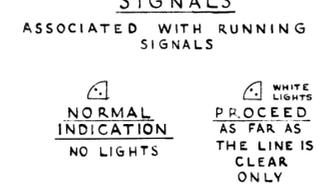
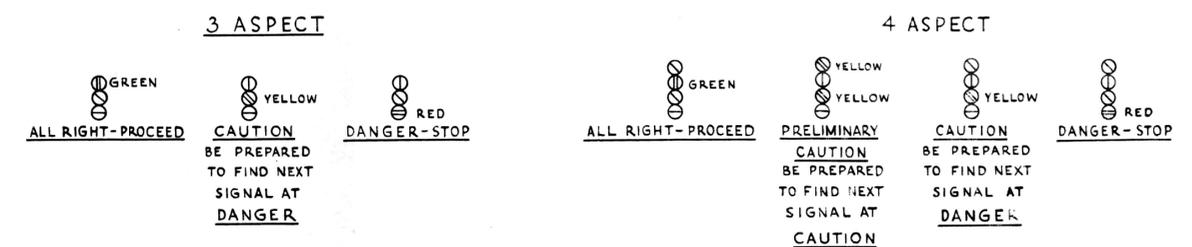
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**SIGNAL INSTRUCTION**  
No 7 S.W.D



**RUNNING SIGNALS**

**POSITION LIGHT SIGNALS**



ALL DISTANCES IN YARDS  
 SHUNTING SIGNALS WHICH ARE FLOODLIT & DO NOT SHOW A RED OR GREEN LIGHT DURING DARKNESS INDICATED THUS:   
 YELLOW ARM SHUNTING SIGNAL INDICATED THUS:   
 BANNER REPEATING SIGNAL INDICATED THUS:   
 PLATFORM 'OFF' INDICATORS INDICATED THUS:   
 TELEPHONES INDICATED THUS:   
 AUTOMATIC SIGNALS ARE PREFIXED BY THE LETTERS WA AND ARE IDENTIFIED BY A WHITE PLATE WITH A HORIZONTAL BLACK BAND & INDICATED THUS:   
 SIGNAL BOXES INDICATED THUS:   
 GROUND FRAME INDICATED THUS:

EXISTING SIGNALLING  
 [26 SHOWS 'U' FOR UP SIDING  
 [27 " 'D' " DOWN SIDING  
 [24 SHOWS 'U' FOR UP SIDING  
 [25 " 'D' " DOWN SIDING  
 GREEN WHEN SIGNALS ② ③ ④ 'OFF'  
 395 TO SIGNAL 57  
 562 TO SIGNAL 59  
 396 TO SIGNAL 13