

BRITISH RAILWAYS

(WESTERN REGION)

(For the use of employees only)

NEWNHAM (124m. 79ch.)—SUBSTITUTION OF SIGNAL BOX BY INTERMEDIATE BLOCK SECTION COLOUR LIGHT SIGNALS.

On Sunday, March 24th, 1957, between the hours of 7.0 a.m. and 5.0 p.m. or until the work is completed, the Signal Engineer will be engaged in bringing into use Intermediate Block Section Colour Light Signals between Grange Court and Bullo Pill East Signal Boxes.

At the same time Newnham Signal Box and all signals and associated equipment together with the trailing connections from the Up Main to the Down Sidings and Down Main to Bay Line will be taken out of use.

The following new signals will be brought into use:

Form	Description	Position	Distance from Box	
A.		Grange Court Down Main Colour Light I.B.S. Home (G.C.100).*	Down Side of Down Main Line.	3194 yards.
		This signal will be 13ft. 6ins. in height to the Red Aspect.		
B.		Grange Court Down Main Colour Light I.B.S. Distant (G.C.100R).*	Down Side of Down Main Line.	1614 yards.
		This signal will be 12ft. in height to the Yellow Aspect.		
C.		Bullo Pill East Up Main Colour Light I.B.S. Home (B.P.E.4).*	Up Side of Up Main Line.	3722 yards.
		This signal will be 12ft. in height to the Red Aspect.		
D.		Bullo Pill East Up Main Colour Light I.B.S. Distant (B.P.E.4R).*	Up Side of Up Main Line.	2222 yards.
		This signal will be 12ft. in height to the Yellow Aspect.		

* An Identification plate bearing this description is affixed to the Signal.

(Continued)

SIGNALLING RECORD SOCIETY

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Form	Description	Position	Distance from Box
E. 	Bullo Pill East, Down Main Distant. This signal will be 20ft. in height.	Down Side of Down Main Line.	2072 yards.

The existing Bullo Pill East Down Main Distant which is at present a lower arm beneath the Newnham Down Main Advanced Starting will be recovered. The A.T.C. ramp for this signal will be refixed 440 yards in the rear of the new Bullo Pill East Down Main Distant.

The existing Up Main and Down A.T.C. Ramps for Newnham will be refixed 200 yards in rear of the Up Main Colour Light Intermediate Block Section Distant for Bullo Pill East and the Down Main Colour Light Intermediate Block Section Distant for Grange Court, respectively.

A new ground frame, to be known as Newnham Ground Frame, situated 1628 yards from and controlled by Control Instruments in Bullo Pill East Signal Box, will be brought into use to work the existing trailing connection from Down Main to Down Sidings.

The Control Instrument will release a key release instrument, the key (Pattern A) of which will release the Ground Frame.

When the Ground Frame is in use the Down Main Block Instrument between Grange Court and Bullo Pill East will be maintained in the "Train on Line" position.

The existing Block Telegraph sections Grange Court—Newnham—Bullo Pill East will be re-arranged to become Grange Court—Bullo Pill East.

The following signals will be released by line clear (one train only).

- Bullo Pill East Up Main Colour Light I.B.S. Home.
- Grange Court Down Main Colour Light I.B.S. Home.

The following signals will be released by line clear (one pull only).

- Bullo Pill East Down Main Home.
- Bullo Pill East Up Main to Down Main Disc.
- Bullo Pill East Up Siding to Down Main Disc.

The existing Block switch at Grange Court Signal Box will be recovered.

Telephones on independent circuits to Bullo Pill East Signal Box will be provided at the Up Main Colour Light Intermediate Block Section Home for Bullo Pill East, and Newnham Ground Frame, respectively, for the use of enginemen.

A Telephone on an independent circuit to Grange Court signal box will be provided at the Down Main Colour Light Intermediate Block Section Home for Grange Court, for the use of enginemen.

The following new track circuits will be brought into use:

Line	Track circuit in rear of:—	Length in Yards	Position of Diamond Sign	Function locked electrically when track circuit is occupied	Controls Block	V.O.L. Switch
GRANGE COURT.						
Down Main	Down Main I.B.S. Colour Light Home.—(A.63T.)	2649	On Down Main I.B.S. Home Signal.	Down Main Advanced Starting.	No.	No.
Down Main	In advance of I.B.S. Colour Light Home.—(B.63T.)	440	—	Down Main Advanced Starting. Down Main I.B.S. Home.	No.	No.
BULLO PILL EAST.						
Up Main	Up Main I.B.S. Colour Light Home.—(A.3T.)	3179	On Up Main I.B.S. Home Signal.	Up Main Starting.	No.	No.
Up Main	In advance of I.B.S. Colour Light Home.—(B.3T.)	440	—	Up Main Starting. Up Main I.B.S. Home.	No.	No.

During the time the work is in progress the Up and Down Main Distant for Bullo Pill East and Grange Court will be disconnected and maintained at Caution.

District Inspector to make all arrangements for the safe working of the line, including the appointment of any handsignalmen in accordance with Rule 77.

APPENDIX TO No. 7 SECTION OF THE SERVICE TIME TABLES

Page 6:

GROUND FRAMES AND INTERMEDIATE SIDINGS

The following to be inserted:

Name of Station or Siding	Where situated	By whom attended	How locked	Remarks
Newnham	Down Side of Down Main Line.	Guard.	By Annetts Key released by Control Instruments in Bullo Pill East Signal Box.	Telephone provided to Bullo Pill East Signal Box.

Insert on page 108:

NEWNHAM

Intermediate Block Signals

Up and Down Colour Light Intermediate Block Home Signals worked in accordance with the instructions under the heading "Intermediate Block Signals" in the General Appendix to the Rule Book and in the Regulations for Train Signalling on the Double and Single Lines are provided in the vicinity of Newnham approximately midway between Bullo Pill East and Grange Court Signal Boxes.

The Up Main Intermediate Signals are operated from Bullo Pill East Signal Box and Down Main Intermediate Signals from Grange Court Signal Box.

Down Sidings

The trailing connection Down Main to Down Siding is worked by a one lever ground frame operated by Key Control Instrument at Bullo Pill East Signal Box and Key Release Instrument at the ground frame. For method of working see standard instructions in the General Appendix.

INSTRUCTIONS FOR SIGNALLING TRAINS DURING FOG OR FALLING SNOW DATED OCTOBER 1951

Distant Signals at which Fogsignalmen are not provided

Page 26—The following to be inserted:

Section of Line	Signal Box	Distant Signals not Fogged	
		Up Line	Down Line
Swindon and Severn Tunnel Jcn. via Gloucester.	Grange Court		Intermediate Block Section Distant.
	Bullo Pill East.	Intermediate Block Section Distant	

Acknowledge receipt on Form below.

Gloucester, 20th March, 1957
(2,000)

R. H. B. NICHOLLS,
District Operating Superintendent.